

electrochemical energy storage", Department of Pharmacy, University "G. d'Annunzio" of Chieti-Pescara

Date	from 17th June 2019 to 20th June 2019
Function or position occupied	Member of the Commission (Prof. Giuseppe Carlucci, Prof. Fabrizio Ruggieri, Dr. Marcello Locatelli) for the Competition for the assignment of 1 grant for collaboration in research activities, Area 03 - Sc. Disc. Sect. CHIM / 02 "Research activities related to the preparation and characterization of electrodes and electrolytes for lithium electrochemical cells and alkaline metals ", Department of Pharmacy, University "G. d'Annunzio" of Chieti-Pescara
Date	from 19th December 2019 to 20th December 2019
Function or position occupied	President of the Selection Committee (Dr. Marcello Locatelli, Prof. Stefania Angelucci, Dr. Stefania Tacconelli, Dr. Anna Rita Tomei) for the call for tenders for negotiated procedure without prior publication of the call for tenders for the purchase of 1 system consisting of an ultra high performance liquid pressure chromatograph (UPLC/MS I-class) with Xevo TQ-s micro triple quadrupole mass spectrometer, Department of Neuroscience, Imaging and Clinical Sciences, University "G. d'Annunzio "of Chieti-Pescara.
Date	from 23rd January 2020
Function or position occupied	Member of the Commission for Tutoring students of the Department of Pharmacy, University "G. d'Annunzio" of Chieti-Pescara.
Date	30th September 2020
Function or position occupied	Member of the commission for the election of the President of the Course of Eco-Sustainable Technologies and Environmental Toxicology (TESTA). Other members: Proff. Alessandro Cama and Lucia Recinella
Date	11st November 2020
Function or position occupied	Member of the electoral commission for the election of the Department Board. Other members: Proff. Amelia Cataldi and Susi Zara.
Date	from 09th October 2020 to 14th December 2020
Function or position occupied	Internal member of the Commission for the Comparative evaluation procedure – by qualifications and public debate – for the recruitment of 1 (one) Researcher with a fixed-term employment – in compliance with art. 24, paragraph 3 lett a) L. 240/10 - S.C.: 03/A1 - ANALYTICAL CHEMISTRY - S.S.D.: CHIM / 01 - ANALYTICAL CHEMISTRY - at the Department of Pharmacy. Other components: Proff. Dario Compagnone and Concetta De Stefano
Date	from 22nd January 2021
Function or position occupied	Academic tutor for training period provided for by the Course of Eco-sustainable Technologies and Environmental Toxicology (TESTA) at the Department of Pharmacy University "G. d'Annunzio" of Chieti-Pescara.
Date	April 19, 2021
Function or position occupied	Member of the Commission of the final exam of the XXXIII PhD cycle, together with Profs. L. Federici, A. Mollica, S. Ballet, A. Di Matteo, University "G. d'Annunzio" of Chieti-Pescara.
Date	June 03, 2021
Function or position occupied	Member of the Commission for the division of University research funds, together with Profs. A. Fontana, L. Cellini, L. Di Marzio, P. Di Giovanni, University "G. d'Annunzio "of Chieti-Pescara.
Date	from March 18, 2022
Function or position occupied	Italian Scientific Coordinator (Prof. Liliya Logoyda Scientific coordinator for Ukraine) for the framework agreement between the University G. d'Annunzio of Chieti-Pescara and I. Horbachevsky Ternopil National Medical University of the Ministry of Health of Ukraine

Date	01 April 2022
Function or position occupied	Substitute member of the Commission of selection for the award of the title of PhD in Physical and Chemical Sciences - XXXIV Cycle - at the University of L'Aquila
Date	19 April 2022
Function or position occupied	Member of the Commission of the Final Exam of the XXXIV PhD cycle, together with Profs. A. Pandolfi, M. Locatelli, A. Sala, University "G. d'Annunzio" of Chieti-Pescara, for candidates who have benefited from the extension for COVID.
Date	26 August 2022
Function or position occupied	President of the Commission (Prof. Marcello Locatelli, Prof. Cristian D'Ovidio, Prof. Vincenzo De Laurenzi) for the competition for the award of 1 scholarship for collaboration in research activities, Area 03 - Sc. Disc. Sect. CHIM/01 "Development of new protocols and tests to be applied in the field for pharmacotoxicological investigations and statistical surveys on the territory", Department of Pharmacy, University of "G. d'Annunzio" of Chieti-Pescara. The funds derive from the "Pescara Sicura" project in which Prof. Locatelli is PI and Prof. D'Ovidio co-PI.

NATIONAL AND INTERNATIONAL RESEARCH PROJECTS ADMITTED FOR FUNDING

20 July 2021	Principal Investigator for the Operating Unit of the University of Chieti-Pescara (together with the Municipality of Pescara, the Municipal Police of Pescara and the Pharmacotoxicology Laboratory of the Pescara Hospital) for a National project for the promotion, coordination and monitoring on the national territory of prevention, experimentation and fight against alcohol and drug related road accidents. The total funded project " PesCARA siCURA " amounts to 350.000,00 euros for the duration of one year (decree for admission to funding of 20 July 2021). The Decree bears the signature of the Head of the Department for Anti-Drug Policies (Flavio Siniscalchi). The project provides for quantitative toxicological-forensic analyzes on alcohol and drugs of abuse and the development of new scientific and instrumental analysis procedures / protocols applicable in this field of application.
30 June 2022	Member of Spoke 8 affiliated with the University of Urbino concerning the topic "Innovative Therapeutic Approaches: New Chemical Entities, Biologics and Drugs Delivery" with a nominal funding share of 102.960,00 euros, for the PNRR project admitted to funding "Innovation Ecosystem: Innovation, digitalization and sustainability for the diffused economy in Central Italy (VITALITY)".
29 July 2022	Member of the research group of the project funded by the European Union - NextGenerationEU - on the MUR program - Promotion and Development Fund - DM 737/2021, of the project " COCKTAIL " (COld atmospheric plasma therapy to target head and neCK Tumors by A multimodal approach) - Boost for interdisciplinarity - approved for financing after peer review of a sum of € 75,000.00

TEACHING ACTIVITY (source Syllabus UNICH)

A.A. 2009-2010

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: 0596 - SPECIALIST DEGREE COURSE IN PHARMACY; Regulation year: 2009; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: C - Affine / Integrativa; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type Cover: AFF03 - AFFID. TIT. FREE A.12 L.341 / 90; Date Start of activity: 01/10/2009; End activity date: 31/01/2010

A.A. 2010-2011

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: 0596 - SPECIALIST DEGREE COURSE IN PHARMACY; Regulation year: 2009; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: C - Affine / Integrativa; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type Cover: AFF03 - AFFID. TIT. FREE A.12 L.341 / 90; Date Start of activity: 01/10/2010; End of activity date: 31/01/2011

A.A. 2011-2012

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2011; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Cover Type: PROAG - RU WITH CORSO AFFID. FROM DELIB. OF FACULTY; Date Start of activity: 01/10/2011; End activity date: 31/01/2012

A.A. 2012-2013

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Cover Type: PROAG - RU WITH CORSO AFFID. FROM DELIB. OF FACULTY; Date Start of activity: 10/1/2012; End of activity date: 31/01/2013

A.A. 2013-2014

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 10/1/2013; End of activity date: 31/01/2014

A.A. 2014-2015

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2013; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 10/1/2014; End of activity date: 31/01/2015

A.A. 2015-2016

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2014; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 10/1/2015; End of activity date: 31/01/2016

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 4; Period: S2 - Second Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 01/03/2016; End activity date: 15/06/2016

A.A. 2016-2017

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2015; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 01/10/2016; End activity date: 31/01/2017

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 01/03/2017 End of activity date: 15/06/2017

A.A. 2017-2018

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2016; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 01/10/2017; End of activity date: 31/01/2018

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2013; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 03/01/2018; End activity date: 15/06/2018

A.A. 2018-2019

03342 - ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERAL COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Base; Partition students: H-Z - Surnames H-Z; Location: CHIETI; Course year: 2; Period: S1 - First Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 10/1/2018; End of activity date: 31/01/2019

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Study course: M596 - PHARMACY; Regulation year: 2014; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of Cover: A5 - Permanent researcher position; Date Start of activity: 01/03/2019; End of activity date: 15/06/2019

A.A. 2019-2020

03342 - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2018; Course: 003 - GENERIC COURSE; CFU: 6.0; Sector: CHIM / 01; Type of activity: A - Basic; Student partition: H-Z - Surnames H-Z; Headquarters: CHIETI; Course year: 2; Period: S1 - First Semester; Type of coverage: A5 - Permanent researcher position; Activity start date: 01/10/2019; End of activity date: 31/01/2020

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2015; Course: 003 - GENERIC COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition: NO; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A5 - Permanent researcher position; Activity start date: 01/03/2020; End of activity date: 15/06/2020

ECFV010B - CHARACTERIZATION OF DRUGS OF VEGETABLE ORIGIN - Characterization of drugs of natural origin Course of study: M596 - PHARMACY; Regulation year: 2015; Course: 003 - GENERIC COURSE; CFU: 1.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition: NO; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A5 - Permanent researcher position; Activity start date: 01/03/2020; End of activity date: 15/06/2020

A.A. 2020-2021

ECFV010B - CHARACTERIZATION OF DRUGS OF VEGETABLE ORIGIN - Characterization of drugs of natural origin; Course of study: M596 - PHARMACY; Regulation year: 2016; Course: 003 - GENERIC COURSE; CFU: 1.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2021; End date of activity: 15/06/2021;

03342 - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2019; Course: 003 - GENERIC COURSE; CFU: 6.0; Sector: CHIM / 01; Business type: A - Basic; Student partition: H-Z - Surnames H-Z; Headquarters: CHIETI; Course year: 2; Period: S1 - First Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/10/2020; End of activity date: 31/01/2021

TE208 - ANALYTICAL CHEMISTRY - ANALYTICAL CHEMISTRY; Course of study: L500 - ECO-SUSTAINABLE TECHNOLOGIES AND ENVIRONMENTAL TOXICOLOGY; Regulation year: 2020; Course: 003 - GENERIC COURSE; CFU: 6.0; Sector: CHIM / 01; Business type: A - Basic; Student partition: NO; Headquarters: CHIETI; Course year: 1; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2021; End of activity date: 15/06/2021

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2016; Course: 003 - GENERIC COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition: NO; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2021; End of activity date: 15/06/2021

A.A. 2021-2022

ECFV010B - CHARACTERIZATION OF DRUGS OF VEGETABLE ORIGIN - Characterization of drugs of natural origin; Course of study: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERIC COURSE; CFU: 1.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2022; End of activity date: 15/06/2022

03342 - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2020; Course: 003 - GENERIC COURSE; ECTS: 6.0; Sector: CHIM / 01; Type of activity: A - Basic; Student partition: H-Z - Surnames H-Z; Headquarters: CHIETI; Course year: 2; Period: S1 - First Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/10/2021; End of activity date: 31/01/2022

TE208 - ANALYTICAL CHEMISTRY - ANALYTICAL CHEMISTRY; Course of study: L500 - ECO-SUSTAINABLE TECHNOLOGIES AND ENVIRONMENTAL TOXICOLOGY; Settlement year: 2021; Course: 003 - GENERIC COURSE; ECTS: 6.0; Sector: CHIM / 01; Type of activity: A - Basic; Headquarters: CHIETI; Course year: 1; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2022; End of activity date: 15/06/2022

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERIC COURSE; ECTS: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2022; End of activity date: 15/06/2022

CQA010 - QUALITY CONTROL AND COMPLEX MATRICES ANALYSES; Course of study: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERIC COURSE; ECTS: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Headquarters: CHIETI; Course year: 5; Period: S1 - First Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/10/2021; End of activity date: 31/01/2022

A.A. 2022-2023

ASB010 - INSTRUMENTAL ANALYSIS OF BIOMOLECULES - instrumental analysis of biomolecules; Course of study: M596 - PHARMACY; Regulation year: 2018; Course: 003 - GENERIC COURSE; ECTS: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Headquarters: CHIETI; Course year: 5; Period: S1 - First Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Start date of activity: 01/10/2022; End of activity date: 31/01/2023

ECFV010B - CHARACTERIZATION OF DRUGS OF VEGETABLE ORIGIN - Characterization of drugs of natural origin; Course of study: M596 - PHARMACY; Regulation year: 2018; Course: 003 - GENERIC COURSE; ECTS: 1.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2023; End of activity date: 15/06/2023

03342 - ANALYTICAL CHEMISTRY AND LABORATORY OF ANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Settlement year: 2021; Course: 003 - GENERIC COURSE; ECTS: 6.0; Sector: CHIM / 01; Type of activity: A - Basic; Student partition: H-Z - Surnames H-Z; Headquarters: CHIETI; Course year: 2; Period: S1 - First Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Start date of activity: 01/10/2022; End of activity date: 31/01/2023

TE208 - ANALYTICAL CHEMISTRY - ANALYTICAL CHEMISTRY; Course of study: L500 - ECO-SUSTAINABLE TECHNOLOGIES AND ENVIRONMENTAL TOXICOLOGY; Settlement year: 2022; Course: 003 - GENERIC COURSE; ECTS: 6.0; Sector: CHIM / 01; Type of activity: A - Basic; Headquarters: CHIETI; Course year: 1; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2023; End of activity date: 15/06/2023

CAC010 - CLINICAL ANALYTICAL CHEMISTRY - CLINICAL ANALYTICAL CHEMISTRY; Course of study: M595 - CHEMISTRY AND PHARMACEUTICAL TECHNOLOGY; Regulation year: 2018; Course: 003 - GENERIC COURSE; ECTS: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester; Type of coverage: A1 - Institutional teaching task for teachers I and II level; Activity start date: 01/03/2023; End of activity date: 15/06/2023

Other teaching responsibilities (source Syllabus UNICH)

A.A. 2015-2016

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 4; Period: S1 - First Semester

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2014; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 2; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2011; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2011; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

A.A. 2016-2017

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2015; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 2; Period: S1 - First Semester;

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2013; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 4; Period: S1 - First Semester;

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2012; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

A.A. 2017-2018

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2014; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 4; Period: S1 - First Semester

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2016; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 2; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2013; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2013; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

A.A. 2018-2019

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2015; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 4; Period: S1 - First Semester

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 2; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M596 - PHARMACY; Regulation year: 2014; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY LABORATORY; Study course: M595 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY; Regulation year: 2014; Course: 003 - GENERAL COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Partition students: NO; Location: CHIETI; Course year: 5; Period: S1 - First Semester

A.A. 2019-2020

IL010ABL1 - INTERNATO DI LAB. DI ABL ADVANCED BIOANALYTICAL LABORATORY - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Corso di studio: M595 - CHIMICA E TECNOLOGIA FARMACEUTICHE; Anno regolamento: 2016; Percorso: 003 - CORSO GENERICO; CFU: 3.0; Settore: CHIM/01; Tipo attività: D - A scelta dello studente; Partizione studenti: NO; Sede: CHIETI; Anno corso: 4; Periodo: S1 - Primo Semestre

IL010ABL - INTERNATO DI LABORATORIO DI ABL ADVANCED BIOANALYTICAL LABORATORY - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Corso di studio: M595 - CHIMICA E TECNOLOGIA FARMACEUTICHE; Anno regolamento: 2015; Percorso: 003 - CORSO GENERICO; CFU: 3.0; Settore: CHIM/01; Tipo attività: D - A scelta dello studente; Partizione studenti: NO; Sede: CHIETI; Anno corso: 5; Periodo: S1 - Primo Semestre

IL010ABL - INTERNATO DI LABORATORIO DI ABL ADVANCED BIOANALYTICAL LABORATORY - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Corso di studio: M596 - FARMACIA; Anno regolamento: 2015; Percorso: 003 - CORSO GENERICO; CFU: 3.0; Settore: CHIM/01; Tipo attività: D - A scelta dello studente; Partizione studenti: NO; Sede: CHIETI; Anno corso: 5; Periodo: S1 - Primo Semestre

A.A. 2020-2021

TE207 - ANALYTICAL AND ORGANIC CHEMISTRY - ANALYTICAL AND ORGANIC CHEMISTRY; Course of study: L500 - ECO-SUSTAINABLE TECHNOLOGIES AND ENVIRONMENTAL TOXICOLOGY; Regulation year: 2020; Course: 003 - GENERIC COURSE; ECTS: 12.0; Headquarters: CHIETI; Course year: 1; Period: S2 - Second Semester

ECFV010 - EXTRACTION AND CHARACTERIZATION OF DRUGS OF VEGETABLE ORIGIN; Course of study: M596 - PHARMACY; Regulation year: 2016; Course: 003 - GENERIC COURSE; CFU: 3.0; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester

IL010ABL1 - INTERNAL OF LAB. ABL ADVANCED BIOANALYTICAL LABORATORY - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Course of study: M595 - CHEMISTRY AND PHARMACEUTICAL TECHNOLOGY; Regulation year: 2017; Course: 003 - GENERIC COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition: NO; Headquarters: CHIETI; Course year: 4; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Course of study: M595 - CHEMISTRY AND PHARMACEUTICAL TECHNOLOGY; Regulation year: 2016; Course: 003 - GENERIC COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition: NO; Headquarters: CHIETI; Course year: 5; Period: S1 - First Semester

IL010ABL - ABL ADVANCED BIOANALYTICAL LABORATORY - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2016; Course: 003 - GENERIC COURSE; CFU: 3.0; Sector: CHIM / 01; Type of activity: D - Choice of the student; Student partition: NO; Headquarters: CHIETI; Course year: 5; Period: S1 - First Semester

A.A. 2021-2022

ECFV010 - EXTRACTION AND CHARACTERIZATION OF DRUGS OF VEGETABLE ORIGIN; Course of study: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERIC COURSE; CFU: 3.0; Headquarters: CHIETI; Course year: 5; Period: S2 - Second Semester

IL010ABL - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2017; Course: 003 - GENERIC COURSE; CFU: 3.0; Sector: CHIM/01; Type of activity: D - Choice of the student; Course year: 5; Period: S1 - First Semester

A.A. 2022-2023

TE207 - ANALYTICAL AND ORGANIC CHEMISTRY - ANALYTICAL AND ORGANIC CHEMISTRY; Course of study: L500 - ECO-SUSTAINABLE TECHNOLOGIES AND ENVIRONMENTAL TOXICOLOGY; Settlement year: 2022; Course: 003 - GENERIC COURSE; ECTS: 12.0; Headquarters: CHIETI; Course year: 1; Period: S2 - Second Semester

IL010ABL - INTERNSHIP OF ADVANCED BIOANALYTICAL CHEMISTRY; Course of study: M596 - PHARMACY; Regulation year: 2018; Course: 003 - GENERIC COURSE; ECTS: 3.0; Sector: CHIM / 01; Type of activity: D - At the student's choice; Headquarters: CHIETI; Course year: 5; Period: S1 - First Semester

Other teaching responsibilities - MASTER

2016: holder of a 12-hour teaching module "Chromatographic and spectroscopic instrumental techniques for the analysis and characterization of food and cosmetics of natural origin" at the 2nd level Master in "Nutraceutical and cosmeceutics of products of vegetable origin" at the Department of Pharmaceutical Chemistry and Technology (Faculty of Pharmacy and Medicine, Sapienza University of Rome) (2 CFU).

2022: speaker for a thematic seminar at the II level Master in "*Analisi Chimiche e Chimico-Tossicologiche Forensi*" of the Alma Mater Studiorum, University of Bologna (2021/2022) entitled "*Recenti sviluppi della LC-MS/MS nel campo delle analisi farmaco-tossicologiche forensi*".

Other teaching responsibilities - DOCTORATE

Holder of a thematic course "*Innovative analytical techniques for studying bioactive molecules*" at the **XXXV** PhD course in "*Biomolecular and Pharmaceutical Sciences*" at the University "G. d'Annunzio" of Chieti-Pescara) (5 CFU).

Holder of a thematic course "*Innovative analytical techniques for studying bioactive molecules*" at the **XXXVI** PhD course in "*Biomolecular and Pharmaceutical Sciences*" at the University "G. d'Annunzio" of Chieti-Pescara) (3 CFU).

Holder of a thematic course "*Innovative analytical techniques for studying bioactive molecules*" (**XXXVII**) and "*Innovative analytical techniques for sample preparation*" (**XXXVI**) PhD course in "*Biomolecular and Pharmaceutical Sciences*" at the University "G. d'Annunzio" of Chieti-Pescara) (7 CFU).

Responsibilities/Tutor Fellows, scholarship holders, doctoral students

From **02/02/2017** to **29/06/2017** academic tutor for the period of stay at the Department of Pharmacy (University "G. d'Annunzio" of Chieti-Pescara) of the PhD student Alina Diuzheva (Main Center Project Responsible: Prof. Vasil Andrich; Department of Analytical Chemistry, Pavol Jozef Šafárik University, SK-04154 Košice, Slovak Republic) for the development of a project entitled "DLLME and microextraction techniques on plant material for multicomponent pattern determination"

For **A.A. 2018/2019** (Cycle 34) to date: tutor of the PhD student Angela Tartaglia (winner of the ministerial scholarship) for the 34th cycle of the PhD course in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", University proposing: "G. d'Annunzio" CHIETI-PESCARA.

For **A.A. 2018/2019** (Cycle 34) to October 2019: Italian tutor (PhD in co-supervision) of the Doctoral student Octavia Dorina Gligor (referent of the doctorate for Romania Prof. Gianina Crișan of the Department of Pharmaceutical Botany, "Iuliu Hașigănu" University of Medicine and Pharmacy, Cluj-Napoca). The candidate renounced the doctorate in cotutela for personal reasons.

For **A.A. 2020/2021** (Cycle 36) to date: tutor of the PhD student Enrica Rosato (winner of the ministerial scholarship) for the 36th cycle of the PhD course in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", University proposing: "G. d'Annunzio" CHIETI-PESCARA.

For **A.A. 2020/2021** tutor of the student Giusy Leone, fellow for educational-supplementary preparatory and remedial activities for the course of "Analytical Chemistry and Laboratory of Analytical Chemistry channel H-Z" at the Department of Pharmacy

DOCTORATE College

A.A. 2022/2023 - Cycle **38**: member of the Board of Professors of the Doctorate in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", proposing University: "G. d'Annunzio" University CHIETI-PESCARA.

A.A. 2021/2022 - Cycle **37**: member of the Board of Professors of the Doctorate in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", proposing University: "G. d'Annunzio" University CHIETI-PESCARA.

A.A. 2020/2021 - Cycle **36**: member of the Board of Professors of the Doctorate in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", proposing University: "G. d'Annunzio" University CHIETI-PESCARA.

A.A. 2019/2020 - Cycle **35**: member of the Board of Professors of the Doctorate in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", proposing University: "G. d'Annunzio" University CHIETI-PESCARA.

A.A. 2018/2019 - Cycle **34**: member of the Board of Professors of the Doctorate in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", proposing University: "G. d'Annunzio" University CHIETI-PESCARA.

A.A. 2017/2018 - Cycle **33**: member of the Board of Professors of the Doctorate in "BIOMOLECULAR AND PHARMACEUTICAL SCIENCES", proposing University: "G. d'Annunzio" University CHIETI-PESCARA.

Teaching activity for DEGREE THESIS

Starting from **A.A. 2009/2010 to date** - Curator in the role of Supervisor of more than **170** graduation theses for the Degree Course in Pharmacy and the Courses of Study in CTF of the University "G. d'Annunzio" of Chieti-Pescara.

WORK EXPERIENCES

Date From 8th January 2007 to 8th September 2007
Position or position held Holder of a scholarship granted by the University of Bologna within the framework of the PRIN2005 project destined to a research activity on the subject "Mass spectrometry methods for the analysis of food contaminants"
Workplace: Laboratory of BioAnalytic Chemistry (Tutor Prof. Aldo Roda), Department of Pharmaceutical Sciences, University of Bologna

Date From 12nd February 2008 to 12nd August 2008
Position or position held Holder of a scholarship granted by the University of Bologna, Department of Pharmaceutical Sciences for research on the theme "Development of combined analytical mass spectrometry methods for the study of pharmacokinetic profiles"
Workplace: Laboratory of BioAnalytic Chemistry (Tutor Prof. Aldo Roda), Department of Pharmaceutical Sciences, University of Bologna

INSTRUCTION

Date School year 1997/1998
Certificate or diploma obtained scientific maturity, experimentation "Brocca"
Name of the educational institution "Don Minzoni" of Argenta (Ferrara)
Quote 50/60

Date 23rd October 2003
Certificate or diploma obtained Degree in Chemistry
Name of the educational institution University of Bologna, Department of Chemistry "G.Ciamician"
Degree thesis "Development of an analytical methodology for the analysis and identification of protein adducts by mass spectrometry", experimental thesis under the supervision of Prof. Aldo Roda
Quote 110/110

Date II session 2004 (November), at the University of Ferrara
Certificate or diploma obtained Qualification to practice the profession of Chemist
Quote 88/100

Date 15th May 2007
Certificate or diploma obtained Research Doctorate in Chemical Sciences
Name of the educational institution University of Bologna, Department of Chemistry "G.Ciamician"
Doctoral thesis "Combined analytical methods of mass spectrometry for the study of impurities in drugs and metabolites of biomolecules" under the supervision of Prof. Pierluigi Reschiglian.

TRAINING ACTIVITIES (in person and in distance learning mode, FAD)

In the field of Chemistry and Analytical Chemistry:

- Training course "**Quality parameters of analytical methods based on mass spectrometry**", Parma, February 19-20, 2004
- **3rd national course of introduction to Photochemistry**, Bologna, 13-17 September 2004
- National School "**Analytical Methodologies in Mass Spectrometry**", Parma, 23-27 May 2005
- **National School of Analytical Chemistry for PhD students**, Rocca di Papa, Rome, 03-07 October 2005
- **National School of Phytochemistry** "P. Ceccherelli" **2010**, Tirrenia, Pisa, 30 September-02 October 2010
- **National School of Phytochemistry** "P. Ceccherelli" **2012**, Paestum, Salerno, 05-07 October 2012

In the field of Safety in Laboratories:

- "**Supervisor/RADRL**" training Course (8 hours), as required by Legislative Decree 81/08 and subsequent amendments with reference to art. 37 paragraph 7 and the State-Regions agreement of 21/12/2011; the course was held at: G.D 'Annunzio University, Via Dei Vestini n ° 31 - 66100 Chieti (CH) and part of the course was held in FAD. 05 July 2016
- "**Foundations of Chemical Safety and Risk Management**" training course (> 1 day); the course, organized by the ACS Institute (American Chemical Society) was held in FAD mode. June 18, 2021
- "**Supervisor Update**" training Course (6 hours), as required by Legislative Decree 81/08 and subsequent amendments with reference to art. 37 paragraph 7 and the State-Regions agreement of 21/12/2011; the course was held in E-LEARNING mode. February 25, 2022

In the field of Informatic, Statistics and Data Processing:

- "**Microsoft Teams Essential Training**" training course (> 2 hours); the course was held in E-LEARNING mode. March 21, 2022
- "**Learning Data Analytics: 1 Foundations**" training course (> 3 hours); the course was held in E-LEARNING mode. April 21, 2022
- "**Learning Excel: Data Analysis**" Training Course (> 2 hours); the course was held in E-LEARNING mode. April 22, 2022
- "**SQL: Data Reporting and Analysis**" Training Course (> 2 hours); the course was held in E-LEARNING mode. April 22, 2022

TUTORIAL ACTIVITIES

- "Bioanalytical Chemistry Laboratory", at the Faculty of NATURAL PHYSICAL MATHEMATICAL SCIENCES, Interfaculty Degree Course in BIOTECHNOLOGY, Bologna branch, A.A. 2004/2005
- "Bioanalytical Chemistry Laboratory", at the Faculty of NATURAL PHYSICAL MATHEMATICAL SCIENCES, Interfaculty Degree Course in BIOTECHNOLOGY, Bologna branch, A.A. 2007/2008
- Teaching assistance with lessons for students in the fields of Analytical Chemistry, Food Chemistry and Mass Spectrometry and laboratory assistance during the thesis room.

PERSONAL SKILLS

Research activities: The research activity is aimed at the development and validation of chromatographic methods (according to international guidelines, ICH) for the qualitative and quantitative determination of biologically active molecules in complex matrices both of human and animal origin (eg serum, plasma, bile, liver tissues, hypothalamus, kidneys, faeces, and urine), both in cosmetic formulations and in food and environmental samples. In addition to the study of all the processes related to the preanalytic stages such as sampling, extraction and purification, separation, enrichment, the application of conventional analytical and hyphenated methods (HPLC-MS and HPLC-MS / MS) for accurate determination, sensitive and selective of biologically active molecules.

These procedures have been applied to different analytes: glucosamine, 5-amino-salicylic acid [pub. 4], natural or synthetic bioactive compounds [pub. 21, 122, 170], anti-inflammatory [pub. 22, 23, 37, 144, 146], drugs and their associations [pub. 47, 59, 62, 76, 93, 102, 105, 127], fluoroquinolones [pub. 25, 49, 53], secondary metabolites of vegetable origin and food supplements [pub. 6, 7, 8, 10, 11, 12, 15, 16, 17, 18, 19, 20, 24, 26, 28, 32, 33, 35, 41, 45, 46, 50, 51, 52, 54, 56, 57, 58, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 73, 74, 75, 80, 81, 82, 83, 84, 86, 87, 88, 90, 91, 92, 94, 95, 96, 97, 98, 99, 100, 101, 103, 104, 106, 107, 108, 109, 112, 113, 114, 115, 116, 117, 118, 120, 121, 123, 128, 131, 132, 134, 135, 138, 139, 142, 143, 145, 148, 149, 150, 152, 154, 161, 163, 166, 167, 169, 174, 183, 186, 199, 200, 202, 206, 207, 208], finding also application in clinical and pre-clinical studies aimed at the evaluation of quantitative, pharmacokinetic, bioequivalence and absorption, distribution, metabolism and excretion (ADME) profiles of the analyzed analytes [pub. 5, 89], in order also to characterize new systems for conveying the active principle [pub. 30, 44, 48, 71, 72, 155, 159] to improve their pharmacological properties. In the development of the method, predictive and chemometric models were applied both for the optimization of extraction protocols and for the final processing of the data [pub. 29, 130, 178, 185, 197]. Particular attention is paid to innovative (micro) extraction techniques and new instrumental configurations for quantitative analysis in a complex matrix [pub. 9, 13, 14, 27, 34, 38, 40, 42, 43, 55, 77, 79, 110, 119, 124, 125, 126, 129, 133, 136, 137, 140, 141, 147, 151, 156, 157, 164, 165, 168, 171, 172, 173, 175, 176, 177, 179, 182, 184, 188, 191, 193, 195, 198, 204, 205, 209, 211] as well as forensic applications [153, 158, 180, 181, 187, 196, 203]. Article 190 is very important, as it represents the union of the 2 fundamental research lines (validation of methods for analysis of drugs and metabolites in biological matrix and validation of methods for analysis of natural compounds from plant-derived matrix) highlighting how all the research activity carried out is strictly connected and coherent. In the HPLC methods development, in addition to classical reversed phase chromatography, normal phase chromatography [1, 2, 3] and chiral chromatography [189, 192, 201] are also used.

The research activity is mainly focused on chromatographic techniques, but also contemplates the application of spectroscopy and voltammetry techniques for the determination of trace and ultra-trace analytes (heavy metals [pub. 31, 36, 39, 85, 194]) in complex food matrices (foods and food supplements [book chapter 10]), environmental [book chapter 6] and cosmetic matrices [book chapter 7]. This (combined with the many poster contributions to National and International Congresses) extends the research activity not only to a single topic, but to several topics of interest that involve the use of the main instrumental analytical techniques (mainly chromatography, but also spectroscopy and voltammetry), highlighting the professional completeness in the field of Analytical Chemistry.

Scientific activity [pub. 78, 111, 160, 162, 210] is proven by publications in international peer-review journals, book chapters, oral communications to congresses and poster communications. The list of publications is shown at the end of this curriculum.

He has been and is a reviewer of international journals (alphabetical order):

1. *ACS Sustainable Chemistry & Engineering*
2. *Acta Chromatographica;*
3. *Acta Poloniae Pharmaceutica;*
4. *Advances in Sample Preparation*
5. *African Journal of Pharmacy and Pharmacology;*
6. *American Chemical Science Journal;*
7. *American Journal of Modern Chromatography;*
8. *Analyst;*

9. *Analytica Chimica Acta*;
10. *Analytical and Bioanalytical Chemistry*;
11. *Analytical Chemistry*;
12. *Analytical Chemistry Letters*;
13. *Analytical Letters*;
14. *Applied Water Science*
15. *Arabian Journal of Chemistry*;
16. *Bioanalysis*;
17. *Biochemical Systematics and Ecology*
18. *Biomedical Chromatography*;
19. *BMC Complementary and Alternative Medicine*;
20. *Biological Trace Element Research*;
21. *Bio Med Research International*;
22. *Bioorganic & Medicinal Chemistry*;
23. *BioSensors*;
24. *Biotechnology Journal*;
25. *Brazilian Archives of Biology and Technology*;
26. *British Journal of Medicine and Medical Research*;
27. *British Journal of Pharmaceutical Research*;
28. *Catalysis Letters*;
29. *Central European Journal of Chemistry*;
30. *Chemical Papers*;
31. *Chemico-Biological Interactions*;
32. *Chemistry Central Journal*;
33. *Chemosphere*;
34. *Clinical Therapeutics*;
35. *Comprehensive Reviews in Food Science and Food Safety*;
36. *Critical Review in Analytical Chemistry*;
37. *Current Analytical Chemistry*;
38. *Current Applied Science and Technology*
39. *Current Bioactive Compounds*;
40. *Current Organic Chemistry*;
41. *Current Opinion in Food Science*;
42. *Current Topics in Medicinal Chemistry*;
43. *Czech Journal of Food Sciences*;
44. *DARU Journal of Pharmaceutical Sciences*;
45. *Environmental Pollution*;
46. *Environmental Science & Technology*;
47. *Environmental Science and Pollution Research*;
48. *European Food Research and Technology*
49. *European Journal of Medicinal Plants*;
50. *European Journal of Pharmacology*;
51. *Evidence-Based Complementary and Alternative Medicine*;
52. *Expert Opinion on Therapeutic Patents*;
53. *Food & Function*;
54. *Food Analytical Methods*;
55. *Food and Chemical Toxicology*;
56. *Food Bioscience*;
57. *Food Chemistry*;
58. *Food Research International*;
59. *Food Science and Human Wellness*;
60. *Frontiers in Chemistry, section Medicinal and Pharmaceutical Chemistry*;
61. *Frontiers in Pharmacology, section Pharmacology of Anti-Cancer Drugs*;
62. *Global Journal of Analytical Chemistry*;
63. *Heliyon*;
64. *Industrial & Engineering Chemical Research*;
65. *Industrial Crops and Products*;
66. *Inorganic and Nano-Metal Chemistry*;
67. *Instrumentation Science & Technology*;
68. *International Journal Of Biochemistry Research & Review*;
69. *International Journal of Environmental Research and Public Health*
70. *International Journal of Molecular Science*;
71. *International Journal of Nanomedicine*;
72. *International Journal of pure and applied chemistry*;
73. *Journal of Advances In Biology & Biotechnology*;
74. *Journal of Advances in Medical and Pharmaceutical Science*;
75. *Journal of Agricultural and Food Chemistry*;
76. *Journal of Analytical Methods in Chemistry*;
77. *Journal of Biologically Active Products from Nature*;
78. *Journal of Biology and Nature*;
79. *Journal of Chemistry*;
80. *Journal of Chromatography A*;
81. *Journal of Chromatography B*;
82. *Journal of Cosmetic Dermatology*;
83. *Journal of Enzyme Inhibition and Medicinal Chemistry*;
84. *Journal of Food Composition and Analysis*;
85. *Journal of Food Biochemistry*;
86. *Journal of Forensic and Crime Studies*;
87. *Journal of Functional Foods*;
88. *Journal of Hazardous Materials*
89. *Journal of Heterocyclic Chemistry*;
90. *Journal of Industrial and Engineering Chemistry*;
91. *Journal of Investigative Medicine*;
92. *Journal of King Saud University*;
93. *Journal of Medicinal Plant Research*;
94. *Journal of Pharmaceutical and Biomedical Anaisis*;
95. *Journal of Polymers and the Environment*;
96. *Journal of Separation Science*;
97. *Journal Of Taiwan Institute Of Chemical Engineers*;
98. *Journal of the American Pharmacists Association*
99. *Medicinal Chemistry*;
100. *Methods and Protocols*;
101. *Microchemical Journal*;
102. *Mini-Review in Medicinal Chemistry*;
103. *Mini-Review in Organic Chemistry*;
104. *Molecules*;
105. *Nanomaterials*;
106. *Nature Protocols*;
107. *Natural Product Research*;
108. *Neuroscience*;
109. *New Journal of Chemistry*;
110. *Nutrients*;
111. *Open Chemistry*;
112. *Phytochemical Analysis*;
113. *Phytomedicine*;
114. *Planta Medica*
115. *Preparative Biochemistry and Biotechnology*;
116. *Saudi Pharmaceutical Journal*;
117. *Separation & Purification Reviews*;
118. *Science of the Total Environment*;
119. *Scientific Reports*;
120. *Talanta*;
121. *Technologies*;
122. *Trends in Analytical Chemistry*;
123. *Trends in Food Science & Technology*;
124. *Ultrasonics – Sonochemistry*;
125. *Water*

Member of the Italian Chemical Society (**SCI**, card number 13779), of the American Chemical Society (**ACS**, card number 30617260), of the Italian Society of Toxicology (**Sitox**), and of the Italian Society of Phytochemistry (**SIF**, until 2018).

He is a member of the "**Sample Preparation Study Group and Network**" (all 3 Working Groups - **WG1**: Science and Fundamentals; **WG2**: Automation, Innovation and Entrepreneurship; and **WG3**: Information Exchange and Networking), whose formation was approved in 2019 by the Division of Analytical Chemistry of the European Chemical Society (**EuCheMS-DAC**), to counter the under recognition of sample preparation in laboratory procedures.

He is a member of the **IUPAC's Early-Mid Career Subcommittee** with the role of Industry Liaison and Webinar Organizer since 28 March 2022.

He is included in the list of external experts for the evaluation of **e-Cost** research projects (European Cooperation in Science & Technology). He is a reviewer for the **MIUR** for National Projects (**SIR**) and is included in the **REPRIS**e Register (Register of Expert Peer Reviewers for Italian Scientific Evaluation) in the "Basic Research" section. Referee for the **VQR 2011-2014**. Referee for the **VQR 2015-2019**. He is referee for other universities for proposals, through competitive procedures, for the allocation of University funds for the activation of research grants (University of Insubria 2016, University of Florence 2017, and University of Insubria 2018). He is evaluator, *ad honorem*, of research project proposals for the National Fund for Scientific and Technological Research (**FONDECYT**) of the National Research and Development Agency of the Science, Technology, Knowledge and Innovation Ministry, Chile (Proposal number: 1212026 in 2020, 1221198 in 2021). He is evaluator for the **Czech Science Foundation**, the main public funding agency in the Czech Republic (project proposal No. 22-02131S in 2021; No. 23-05586S in 2022).

He is a member of the Editorial Board of International peer-review Journals:

1. "**Molecules**" section "**Analytical Chemistry**" (MDPI, ISSN 1420-3049)
2. "**Separations**" (MDPI, ISSN 2297-8739)
3. "**Current Analytical Chemistry**" (Bentham Science Publisher, ISSN: 1875-6727 Online, ISSN: 1573-4110 Print)
4. "**Current Bioactive Compounds**" (Bentham Science Publisher, ISSN: 1875-6646 Online, ISSN: 1573-4072 Print)
5. "**Current Functional Foods**" (Bentham Science Publisher, ISSN: 2666-8637 Online, ISSN: 2666-8629 Print)
6. "**American Journal of Modern Chromatography**" (Columbia International Publishing, ISSN: 2374-5479 Online)
7. "**Journal of Selcuk University Science Faculty**" (ISSN: 2458-9411)
8. "**Review in Separation Sciences**" (eISSN: 2589-1677)
9. "**Cumhuriyet Science Journal**" (ISSN 2587-2680; e-ISSN 2587-246X).
10. "**International Journal of Plant Based Pharmaceuticals (IJPBP)**"
11. "**Forensic Science**" (MDPI, ISSN: 2673-6756)

He is Associate Editor of the magazine "**Frontiers in Pharmacology**" section "**Ethnopharmacology**" (ISSN: 1663-9812), Review Editor of the journal "**Frontiers in Oncology**" section "**Pharmacology for anti-cancer drugs**" (ISSN: 2234-943X), and Review Editor of the journal "**Frontiers in Medical Technology**" section "**Nano-Based Drug Delivery**" (ISSN: 2296-858X), and Review Editor of the Journal "**Frontiers in Natural Products**" (ISSN: 1664-462X). He is Review Editor of the journal "**Frontiers in Drug Safety and Regulation**" section "**Substance-Based Medical Devices**" (eISSN: 2674-0869). He is a member of the Scientific Committee of the journal "**Scienze e Ricerche**" (ISSN 2283-5873), published by the Italian Book Association.

He is Associate Editor of the review "**Reviews in Separation Sciences**" (ISSN: 2589-1677). He is Section Editor in Chief of the journal "**Bioengineering International**" section "**Biotechnology**" (ISSN 2668-7119). He is Section Editor for the **Current Analytical Chemistry** Section "**Chromatography**" (Bentham Science Publisher, ISSN: 2213-2406 Online, ISSN: 2213-2414 Print). He is Section Editor for the **Current Chromatography** Section "**Extraction techniques and hyphenated instrument configurations**" (Bentham Science Publisher, ISSN: 1875-6727 Online, ISSN: 1573-4110 Print).

He is Editor in Chief of the Journal "**Analytica**", as well as being Section Editor in Chief for the section "**Hyphenated Instrument Configurations**" and section "**Sample Pretreatment and Extraction**" (ISSN 2673-4532).

Guest Editor for the following Special Issues:

1. Special Issue for **ANTI-INFLAMMATORY & ANTI-ALLERGY AGENTS IN MEDICINAL CHEMISTRY**: "Recent advances in anti-inflammatory and immune-modulator drugs development and analytical tools for their characterization" dal 01-01-2012 al 01-12-2012
2. Special Issue for **CURRENT DRUG TARGETS**: "Novel techniques as a tool to investigate on the triggering of biological targets"
3. Special Issue for **CURRENT BIOACTIVE COMPOUNDS**: "Analytical characterization assay for new chemical entities"
4. Special Issue for **LETTERS IN DRUG DESIGN & DISCOVERY**: "New insights on characterization and biological activities of natural products"
5. Special Issue for **MOLECULES**, Section "**ANALYTICAL CHEMISTRY**": "Innovative Extraction Techniques and Hyphenated Instrument Configuration for Complex Matrices Analysis"
6. Research Topic for **FRONTIERS IN PHARMACOLOGY**, Section "**ETHNOPHARMACOLOGY**": "Innovative (Micro)Extraction Techniques to Characterize Bioactive Compounds from Traditionally-Used Medicinal Plants and Mushrooms, and other Pharmacologically-Active Drugs from Natural Sources"
7. Special Issue for **MOLECULES**, Section "**NATURAL PRODUCTS CHEMISTRY**": "Natural Product Pharmacology and Medicinal Chemistry"
8. Special Issue for **MOLECULES**, Section "**ANALYTICAL CHEMISTRY**": "Advances in Chemical Analysis Procedures (Part I): Extraction and Instrument Configuration"
9. Special Issue for **MOLECULES**, Section "**ANALYTICAL CHEMISTRY**": "Advances in Chemical Analysis Procedures (Part II): Statistical and Chemometric Approaches"
10. Special Issue for **MOLECULES**, Section "**ANALYTICAL CHEMISTRY**": "Analytical Methods for Toxics Determination"

11. Special Issue for *MOLECULES*, Section "ANALYTICAL CHEMISTRY": "Innovative Extraction Techniques and Hyphenated Instrument Configuration for Complex Matrices Analysis, 2nd edition"
12. Special Issue for *MOLECULES*, Section "ANALYTICAL CHEMISTRY": "Forensic Practices and Innovations: Instrumental Analyses, Data Correlations, Legislative Comments, and Case Studies"
13. Special Issue for *MOLECULES*, Section "NATURAL PRODUCTS CHEMISTRY": "Natural Product Pharmacology and Medicinal Chemistry II"
14. Special Issue for *MOLECULES*, Section "ANALYTICAL CHEMISTRY": "Analytical Methods for Toxics Determination 2nd edition"
15. Research Topic for FRONTIERS IN PHARMACOLOGY, Section "ETHNOPHARMACOLOGY": "Food/diet supplements from natural sources: current status and future perspectives"
16. Special Issue for *MOLECULES*, Section "ANALYTICAL CHEMISTRY": "Methods in Food Analysis"
17. Special Issue for *ANALYTICA*: "Analytical and Applied Chemistry: the challenges and opportunities for growth in the 21st century"
18. Research Topic for FRONTIERS IN PHARMACOLOGY, Section "ETHNOPHARMACOLOGY": "Therapeutic Effects of Herbal Medicines: How Can We Best Investigate Bioactive Metabolites?"
19. Special Issue for *CURRENT ANALYTICAL CHEMISTRY*: "New frontiers in extraction and clean-up procedures"
20. Special Issue for *ANALYTICA*: "New Analytical Techniques and Methods in Pharmaceutical Science"
21. Joint Special Issue for *LIFE* (IF 3.817) and *FORENSIC SCIENCE*: "Current Laboratory Knowledge on Post-Mortem Diagnosis of Infections"
22. Research Topic for FRONTIERS IN CHEMISTRY: "Biological Samples in Liquid Chromatography: From Theory to Recent Applications in 'OMICS' Science"
23. Special Issue for *MOLECULES*, Section "ANALYTICAL CHEMISTRY": "Innovative Extraction Technique and Hyphenated Instrument Configuration for Complex Matrix Analysis"

PRIZES AND RECOGNITIONS

- 07/12/2017** Prize - Funding of Basic Research Activities (FFABR) - 2017 - Scientific production score: 86 (Admitted to financing)
- 12/10/2018** Recognition - **Analytical Scientist** magazine has published its annual Power List, with 40 rising stars under the age of 40 that are having a great impact in the field of analytical science. The dott. Marcello Locatelli has been included in this list as "an excellent researcher, with many publications, a vast knowledge of his area of expertise, combined with great networking skills and insightful ideas for future research projects".
- 25/02/2019** 2019 TOP CITED PAPER 2017-2018 Award - PHYTOTHERAPY RESEARCH JOURNAL - Article: "Optimization of Aqueous Extraction and Biological Activity of Harpagophytum Procumbens Root on Ex Vivo Rat Colon Inflammatory Model"; **M. Locatelli**, C. Ferrante, S. Carradori, D. Secci, L. Leporini, A. Chiavaroli, S. Leone, L. Recinella, G. Orlando, S. Martinotti, L. Brunetti, M. Vacca, L. Menghini, Phytotherapy Research (ISSN: 0951-418X), 31, 937-944, 2017. doi: 10.1002 / ptr.5821 The article is among the most cited articles of the magazine between January 2017 and December 2018 (the highest number of citations taken from Clarivate Analytics).
- 15/03/2019** Recognition 2019 HOT PAPER - Article: "UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (*Lycium barbarum* L.) berries cultivars and their antioxidant, enzyme inhibitory and real-time cytotoxicological evaluation". A. Mocan, C. Moldovan, G. Zengin, O. Bender, **M. Locatelli**, M. Simirgiotis, A. Atalay, D.C. Vodnar, S. Rohn, G. Crişan. Food and Chemical Toxicology (ISSN: 0278-6915), 115, 414-424, 2018. DOI: 10.1016 / j.fct.2018.01.054; SCOPUS code: 2-s2.0-85042725891; WOS code: 000432644400043; IF (2017): 3.977 - full article. This work has received citations in November / December 2018 such as to place it in the top 0.1% of the articles in the subject category: Pharmacology and Toxicology.
- 15/03/2019** Recognition 2018 HOT PAPER - Article: "Bioactive isoflavones from Pueraria lobata root and starch: different extraction techniques and carbonic anhydrase inhibition"; A. Mocan, S. Carradori, **M. Locatelli**, D. Secci, S. Cesa, A. Mollica, S. Riga, A. Angeli, CT Supuran, C. Celia, L. Di Marzio, Food and Chemical Toxicology (ISSN : 0278-6915), 112, 441-447, 2018. DOI: 10.1016 / j.fct.2017.08.009; SCOPUS code: 2-s2.0-85027395216; WOS code: 000425568900050; IF (2017): 3.977 - full article. This work has received citations in November / December 2018 such as to place it in the top 0.1% of the articles in the subject category: Pharmacology and Toxicology.
- 15/03/2019** Recognition 2019 HIGHLY CITED PAPERS - 6 highly cited articles (between November / December 2018, have received citations such as to place them in the top 1% of the respective subject categories).
- 17/09/2019** Recognition TOP PEER REVIEWER 2019 - For placing in the top 1% of reviewers in Chemistry on Publons global reviewer database, determined by the number of peer review reports performed during the 2018-2019 award year. The Top Peer Reviewer Award is part of the Global Peer Review Award - honoring the elite contributions to scholarly peer review and editorial pursuits internationally. Publons (Web of Science Group)

- 28/01/2020** Recognition 2020 TOP CITED PAPER 2018-2019 - FUNDAMENTAL & CLINICAL PHARMACOLOGY JOURNAL - Articolo: " Multiple pharmacological approaches on *Fibigia eriocarpa* extracts by in vitro and computational assays"; Gokhan Zengin, Devina Lobine, Adriano Mollica, **Marcello Locatelli**, Simone Carradori, Mohamad Fawzi Mahomoodally, *Fundamental & Clinical Pharmacology* (ISSN: 1472-8206), 32, 400-413, **2018**. doi: 10.1111/fcp.12362.
- 28/01/2020** Recognition 2020 TOP CITED PAPER 2018-2019 – PHYTOCHEMICAL ANALYSIS JOURNAL - Articolo: " Use of Innovative (Micro)Extraction Techniques to Characterise *Harpagophytum procumbens* Root and its Commercial Food Supplements"; Alina Diuzheva, Simone Carradori, Vasil Andruch, **Marcello Locatelli**, Elisa De Luca, Matteo Tiecco, Raimondo Germani, Luigi Menghini, Alessio Nocentini, Paola Gratteri, Cristina Campestre, *Phytochemical Analysis* (ISSN: 1099-1565), 29(3), 233-241, **2018**. doi: 10.1002/pca.2737.
- 30/07/2020** TRAVEL GRANT - received by MDPI as "recognition for his research activity and for his contribution to the production, enhancement, dissemination, continuity and work in support of the MDPI". The travel grant, worth CHF 500 (€ 456.82), transferred to the Department of Pharmacy on 07/30/2020 will be used to refund travel fees for missions/conferences. - 30 July 2020
- 07/09/2020** SEPARATIONS 2019 HIGHLY CITED PAPER AWARDS - received by the MDPI International Journal "Separations" "to recognize the most highly cited papers in the past two years. The prize started in August 2020 and has been awarded to two winners since then. Two papers have been selected for these awards assessed by the Editorial Office of Separations from the papers published in 2017 and 2018. The paper citation data are based on citations in Web of Science in 2019". 07 September 2020
- 08/01/2021** Based on the study by Baas, Boyack and Ioannidis (2020) published in PLOS Biology, Prof. Marcello Locatelli is included in the top 2% of International Scientists in the field of Analytical Chemistry (reference year 2019). The database, starting from the Scopus database, is based on standardized citation parameters, h-index, hm-index corrected by co-author, citations of articles below the author's positions and a composite indicator. Scientists are classified into 22 scientific fields and 176 subfields. Sector and sub-sector specific percentiles are also provided for all Scientists who have published at least 5 articles. The dataset and code provide an update to the previously released data and are based on the Scopus snapshot of May 6, 2020 and are updated to the citation year 2019.
- 19/10/2021** Based on the study by Baas, Boyack and Ioannidis (2021) entitled "August 2021 data-update for" Updated science-wide author databases of standardized citation indicators "", Mendeley Data, V3, doi: 10.17632 / btchxktzyw .3 (link: <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>) Prof. Marcello Locatelli is included for the second consecutive year in the Top 2% list of International Scientists in the field of Analytical Chemistry (single year 2020) and for the first time also in the Top 2% list of International Scientists in the field of Analytical Chemistry (career up to 2020). The database, starting from the Scopus database, is based on standardized citation parameters, h-index, hm-index corrected by co-author, citations of articles based on the positions of the author, as well as a composite indicator. Separate data are shown for the impact on the whole career and for the year 2020. Scientists are classified into 22 scientific fields and 176 subfields. Field and subfield specific percentiles are also provided for all scientists who have published at least 5 papers. The career data are updated at the end of 2020. The selection is based on the first 100,000 by score (with and without self-citations) or on a percentile equal to or greater than 2%. The data is updated for the year of citations 2020.
- 24/11/2021** Recognition 2021 MOST CITED ARTICLE PUBLISHED IN THE PAST 3 YEARS (SOURCE SCOPUS) – JOURNAL OF CHROMATOGRAPHY B ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES - Article: "FPSE-HPLC-PDA analysis of seven paraben residues in human whole blood, plasma, and urine"; Angela Tartaglia, Abuzar Kabir, Songul Ulusoy, Elena Sperandio, Silvia Piccolantonio, Halil Ibrahim Ulusoy, Kenneth G. Furton, Marcello Locatelli, *Journal of Chromatography B* (ISSN: 1570-0232), 1125, article 121707, 1-10, 2019. DOI: 10.1016/j.jchromb.2019.06.034.
- 16/02/2022** Included in the AD Scientific Index 2021. The AD Scientific Index (Alper-Doger Scientific Index), unlike other systems that provide journal and university evaluations, is a ranking and analysis system based on scientific performance and the added value of scientific productivity of individual scientists. In addition, it provides rankings of institutions based on the scientific characteristics of affiliated scientists. This new index was developed by Prof. Dr. Murat ALPER (MD) and Associate Prof. Dr. Cihan DÖĞER (MD) using the total and last 5 years values of the i10 index, h-index and scores of citations in Google Scholar. The ratio between the value of the last 5 years and the total value of the aforementioned indices is also used. Using a total of nine parameters, "AD Scientific Index" shows a single scientist's ranking for 112 topics, 256 branches, 14,153 institutions, 215 countries, 10 regions and around the world. "AD Scientific Index" is the first and only study showing scientists' total and past five-year productivity coefficients based on h and i10 index scores and citations in Google Scholar. Such analyzes also help reveal the medium- and long-term outcomes of various policies implemented by institutions, including those of academic staff recruitment and retention policies, wage policies, academic incentives and scientific work environments.
- 31/03/2022** Recognition 2022 TOP CITED PAPER 2020-2021 – PHYTOCHEMICAL ANALYSIS JOURNAL - Article: Application of liquid-phase microextraction to the analysis of plant and herbal samples"; A. Diuzheva, **M. Locatelli**, A. Tartaglia, M. Goga, V. Ferrone, G. Carlucci, V. Andruch, *Phytochemical Analysis* (ISSN:1099-1565 online), 31(6), 687-699, **2020**; DOI: 10.1002/pca.2939;
- 16/05/2022** Prof. Marcello Locatelli is in 13th place at European level and 73rd at international level in the ranking extrapolated by SciVal (Scopus) on 16/05/2022 as regards Scientists operating in the Analytical Chemistry sector and who publish in

Journals of the same field (years considered 2018-2021). The SciVal platform enables analysis that provides comprehensive access to the research performance of more than 20,000 research institutes and associated researchers from 230 countries around the world. SciVal allows you to visualize search performance, benchmark against peers, develop strategic partnerships, identify and analyze new emerging research trends, and create uniquely customized reports. Using advanced data analysis and supercomputer technology, SciVal processes large amounts of data allowing you to evaluate research activities from a variety of perspectives to help develop, execute and evaluate reliable evidence-based strategies. The interface allows you to instantly analyze over 55 million publication records from over 22,000 journals from over 5,000 publishers worldwide. With access to over 300 trillion metric values, SciVal is able to rapidly provide context to analytics and generate data visualizations to support decision making, identify cross-industry experts and potential collaborators in specific research fields to strengthen targeted funding offers, inform hiring decisions and show research impact with additional quantitative evidence on research performance.

- 17/05/2022** Recognition 2022 MOST CITED ARTICLE PUBLISHED IN THE PAST 3 YEARS (SOURCE SCOPUS) – JOURNAL OF CHROMATOGRAPHY B ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES - Article: "An FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine"; Marcello Locatelli, Kenneth G.Furton, Angela Tartaglia, Elena Sperandio, Halil I.Ulusoy, Abuzar Kabir, *Journal of Chromatography B* (ISSN: 1570-0232), 1118–1119, 40-50, 2019. DOI: 10.1016/j.jchromb.2019.04.028.
- 28/02/2022** At the Congress of the Italian Society of Forensic Medicine and Insurance (SIMLA, 28/05/2022), the oral communication entitled "New perspectives in the thanatochronological field of skeletal muscle stem cells" received the Prof. Antonio Osculati as the best communication on the subject of scientific innovation in the legal medical disciplines. This study is part of the project of the research group indicated on the multidisciplinary (analytical, proteomic, biochemical, medical examiner) and multiparametric approach for a better evaluation of the post mortem interval (PMI).
- 06/06/2022** Included in the AD Scientific Index 2022. The AD Scientific Index (Alper-Doger Scientific Index), unlike other systems that provide journal and university evaluations, is a ranking and analysis system based on scientific performance and the added value of scientific productivity of individual scientists. In addition, it provides rankings of institutions based on the scientific characteristics of affiliated scientists. This new index was developed by Prof. Dr. Murat ALPER (MD) and Associate Prof. Dr. Cihan DÖĞER (MD) using the total and last 5 years values of the i10 index, h-index and scores of citations in Google Scholar. The ratio between the value of the last 5 years and the total value of the aforementioned indices is also used. Using a total of nine parameters, "AD Scientific Index" shows a single scientist's ranking for 112 topics, 256 branches, 14,153 institutions, 215 countries, 10 regions and around the world. "AD Scientific Index" is the first and only study showing scientists' total and past five-year productivity coefficients based on h and i10 index scores and citations in Google Scholar. Such analyzes also help reveal the medium- and long-term outcomes of various policies implemented by institutions, including those of academic staff recruitment and retention policies, wage policies, academic incentives and scientific work environments.

ORGANIZED WORKSHOP, CONFERENCES, AND CONGRESS

1. Workshop "*The innovative technology that will revolutionize liquid chromatography*"; in collaboration with Phenomenex; University "G. d'Annunzio" of Chieti-Pescara, Faculty of Pharmacy; Dept. Of Pharmaceutical Science; Chieti; Italy; 21 October 2009.
2. Workshop "*Study Day of the Science of Separations*"; in collaboration with Shimadzu; University "G. d'Annunzio" of Chieti-Pescara, Dept. of Pharmacy; Chieti; Italy; 11 October 2013.
3. Agenas accredited training event "*Decentralized Analysis in the Pharmacy of Services*" for ECM credits for territorial pharmacists and hospital pharmacists. University "G. d'Annunzio" of Chieti-Pescara, Dept. of Pharmacy; Chieti; Italy; 21/10/2017.
4. Member of the Scientific Committee of the "*5th International Trace Analysis Congress, iTAC*" in Sivas, Turkey (20-23 June 2018).
5. Chairman of the oral session at the "*5th International Trace Analysis Congress, iTAC*" in Sivas, Turkey (20-23 June 2018)
6. Member of the Scientific Committee of the Workshop "*Integrated supply chains and Scientific Research*" in Chieti, Italy (20 December 2017)
7. Member of the Organizing Committee of the Forum "*1st International Forum on Ecological Safety of the Black Sea: Chemical Weapons-Foods-Health-Environment (IFGSBS 2018-2019)*" in Odessa, Ukraine (13 October 2018).
8. Scientific manager of the training event "*Decentralized analyzes in the Pharmacy of Services*". Teramo, FederFarma Teramo - Union Association of Pharmacy Owners of the Province of Teramo (11-10-2018)
9. Chairman of "*Clinical, Forensic Pharmacotoxicology and Endocrinology. Ultra-specialized updates. Study Day*", Pescara," Santo Spirito "Civil Hospital, Italy, 13 June 2019
10. Chairman "*19th Advanced Course in Pharmaceutical Technology*" *Characterization of colloidal nanocarriers* ", Catanzaro, Italy, 9-12 September 2019
11. Member of the Scientific Committee of the "*6th International Trace Analysis Congress, iTAC*" in Manisa, Turkey (2-5 July 2020). <http://esan2020.cbu.edu.tr/en/2019/04/30/committees/> From 27/08/2019 to today (postponed for COVID to a date to be defined)
12. Chairman for MDPI webinar on the topic "Methods in Food Analysis Part 1: current trends", Italy, 29 November 2021
13. Chairman for MDPI webinar on the topic "Methods in Food Analysis Part 2: future perspectives", Italy, 30 November 2021

- Chairman at the National Meeting of the study group Authors and external validators on chromatographic analytical techniques applied to the Clinic 11 ° EDITION, Monsano (AN), April 28-29, 2022.

Organizational skills

Elaboration of scientific projects and requests for funding also in the field of research networks with other public and private institutions. Drafting of reports and scientific reports relating to the intermediate and final results of the various research projects in progress.

Informatic skills

Excellent knowledge of Windows systems. Applications for office automation (Word, Excel, PowerPoint, Publisher) and data processing. Software for the management of LC-UV, IC-CD, GC-MS and LC-MS instrumentation, in particular MassLynx V4. 0 (LC-MS software) and QuanLynx (LC-MS data processing software), Data Explorer (Applied Biosystems, MALDI-ReTOF), Excalibur, Chromeleon, Empower 2.0, Mass Frontier 2.0, GraphPad Prism 4, Origin 7.5, ChemWindow, HyperChem Professional. Basic knowledge of programming software (Fort with conductivity detector, Pascal).

Instrumentations employed in the research projects

Mass spectrometer: ESI-triple quadrupole (Quattro-LC, Micromass); ESI-Q-ReTOF (Q-ToF Micro, Micromass); MALDI-ReTOF (Voyager DE-PRO, Applied Biosystem); ESI-Ion Trap (LCQ Advantage, Thermo) HPLC: Waters Alliance 2695; Waters mod. 600; Waters 1525 with Waters 717 autosampler and Waters 2996 PDA; Agilent 1100 Series; MicroMass CapLC; Thermo Spectra System (P2000; SCM1000; UV6000LP); Dionex ICS 1600 with conductivity detector.

Management/participation in the activities of a research group characterized by collaborations at national or international level

- Collaboration for the chemical characterization of extracts of natural origin with Prof. Dario Kremer of the University of Zagreb. This collaboration led to the publication of 6 papers. Attached is the first of the 6 works resulting from this collaboration. In these works I took care of the quantitative analysis of the chemical profile of the natural extract using a HPLC-PDA method that I validated and published in the Journal of Chromatography A, 1225, 113-120, 2012. By comparing the chemical profile I obtained with the biological activity observed by the group of Prof. Kremer, it was possible to advance a hypothesis of correlation between compound and activity. All aimed at possible future applications and developments in the field of pharmaceutical chemistry. from 01-01-2012 to 31-12-2013

- Collaboration for the chemical characterization of new drug delivery systems with Profs. Massimo Fresta, Donatella Paolino and Donato Cosco of the "Magna Graecia" University of Catanzaro. This collaboration led to the publication from 2013 to the present of 8 articles in international journals. The first of these works is attached. In all the collaborative work with the group of Prof. Massimo Fresta, the undersigned deals with the whole analytical part, in particular the application of instrumental configurations suitable for the characterization of new delivery systems, the characterization of fluorescent probes (also by comparison between different instrumental configurations: Colloids and Surfaces B: Biointerfaces, 135, 575-580, 2015) and validation of new quantitative methods in HPLC to determine the pharmacokinetics of new formulations in biological matrix (plasma, urine and tissues). In this collaboration the undersigned is responsible for developing new HPLC methods with different detectors for the simultaneous determination of drug associations (Journal of Chromatography A, 1388, 79-86, 2015; Journal of Chromatography A, 1419, 58-66, 2015; Journal of Enzyme Inhibition and Medicinal Chemistry, 31 (S3), 110-116, 2016). from 01-01-2013 to today

- Collaboration with Prof. Clinio Locatelli and Dr. Dora Melucci of the "Alma Mater" University of Bologna (Department of Chemistry "G. Ciamician") for the quantitative characterization of analytes in complex matrix by chemometric approaches and instrumental configurations suitable for the analysis of both organic and heavy metals. This collaboration led to the publication in 2013 of a work concerning the characterization of bacteria and fungi in biofilms used in bioremediation (Current Drug Targets, 14 (9), 1023-1033, 2013), to the publication of a work concerning the analysis of heavy metals and mercury in the food matrix (Food and Chemical Toxicology, 62, 901-907, 2013), as well as implementing the research lines of the undersigned on inorganic analysis. This last element was also strengthened following the donation of the ICP-OES instrument by the EcoControl Laboratory. Attached is the latest accepted work (as a book chapter) and inherent in this collaboration activity (D. Melucci, M. Cocchi, F. Corvucci, M. Boi, L. Tositti, F. de Laurentiis, A. Zappi, C. Locatelli, M. Locatelli "Chemometrics for the direct analysis of solid samples by spectroscopic and chromatographic techniques" in Chemometrics: Novels, Applications and New Research, Edited by Aderval S. Luna, NOVA SCIENCE PUBLISHERS, INC. Hauppauge, NY 11788-3619 USA, 2017 - 1st Quarter, ISBN: 978-1-53610-518-6, Chapter 9, 173-204) from 01-01-2013 to present

- Collaboration with Prof. Abdurrahman Aktumsek and Prof. Gokhan Zengin for the characterization of extracts of natural origin. The collaboration led to the publication of 39 articles in indexed journals (some still IN PRESS). Attached is an accepted work on Industrial Crops and Products. In this collaboration I took care of all the aspects concerning the optimization of the extraction process and the quantitative analysis of the chemical profile through HPLC analysis with different types of detectors, always with the aim of developing and validating new methods applicable to matrices of natural origin for food uses (both food and food supplements), with possible implications in pharmaceutical research following interesting pharmacological properties shown by the analyzed extracts. from 01-01-2014 to today

- Collaboration for the chemical characterization of extracts of natural origin with Prof. M. Tomczyk of the University of Bialystok. This collaboration led to the publication of 4 works and 2 reviews (1 on the Annals of New York Academy of Science and 1 on Comprehensive Reviews in Food Science and Food Safety). The first of the two works is attached. In this collaboration I took care of all the aspects concerning the optimization of the extraction process and the quantitative analysis of the chemical profile through HPLC analysis with different types of detectors, always with the aim of developing and validating new methods applicable to matrices of natural origin for food

uses (both food and food supplements), with possible implications in pharmaceutical research following interesting pharmacological properties shown by the analyzed extracts. from 01-01-2015 to today

6. Collaboration with Prof. Abuzar Kabir and Prof. Kenneth G. Furton of Florida International University. The project led to the publication of 8 works. In these works I took care of all the part concerning the characterization of the new material developed for the extraction, testing it for the first time on a biological matrix (whole blood, plasma and urine) in the simultaneous determination of analytes with different chemical-physical characteristics. The work saw the development and validation of new HPLC-PDA methods that involves the application of these materials in the clinical setting. The collaboration also led to the publication of 2 reviews. Furthermore, other research papers and book reviews / chapters are being submitted / published. Attached is a work published in J. Chromatography B. from 23-03-2015 to today

7. Collaboration with Prof. Abuzar Kabir and Prof. Kenneth G. Furton of Florida International University to test new materials for the selective extraction of biological matrix analytes. I am currently continuing to work on other types of analytes, on other biological matrices, and with new extraction materials. from 23-03-2015 to today

8. Collaboration with Prof. Alberto Zafra Gomez and Prof. Jose Luis Vilchez Quero of the University of Granada for experimental theses conducted abroad at their laboratory (currently 1 completed) and collaboration for a project for analysis of emerging organic contaminants in environmental aquatic systems (as per the attached pdf showing a project sent to the Ministry De Economia Y Competitividad). from 10-21-2015 to today

9. Collaboration for the chemical characterization of extracts of natural origin with Prof. Claudiu T. Supuran of the University of Florence. This collaboration led to the publication of 2 articles. Attached is an accepted work. In this collaboration I took care of all the aspects concerning the optimization of the extraction process by various techniques and the quantitative analysis of the chemical profile by HPLC analysis with different types of detectors, always with the aim of developing and validating new methods applicable to matrices of natural origin for food uses (both foods and food supplements), with possible implications in pharmaceutical research following interesting pharmacological properties shown by the analyzed extracts. from 01-01-2016 to today

10. Collaboration for the chemical characterization of extracts of natural origin with Dr. Anatoly P. Sobolev of the CNR of Montelibretti (Magnetic Resonance Laboratory "Annalaura Segre", Institute of Chemical Methodologies). This collaboration led to the publication in 2016 of the attached work. In this collaboration I took care of all the aspects concerning the optimization of the microwave extraction process (MW) and the quantitative analysis of the chemical profile by HPLC analysis with different types of detectors, always with the aim of developing and validating new applicable methods on matrices of natural origin for food uses (both food and food supplements), with possible implications in pharmaceutical research following interesting pharmacological properties shown by the analyzed extracts. from 01-01-2016 to today

11. Collaboration for the chemical characterization of extracts of natural origin through innovative extraction and microextraction techniques with Prof. Vasil Andrich of the University of Kosice. In this collaboration the doctoral student of Prof. Vasil carried out under my supervision, part of his doctoral project, as per attached documentation. In this project new methods of microextraction on plant matrix were tested. The doctoral student has benefited from the Erasmus + mobility program. from 29-09-2016 to today

12. Collaboration for the chemical characterization of extracts of natural origin through innovative extraction and microextraction techniques with Prof. Vasil Andrich of the University of Kosice. The collaboration led to the publication of 3 articles and 1 review. from 29-09-2016 to today.

13. Collaboration for the chemical characterization of extracts of natural origin through innovative extraction and microextraction techniques with Profs. Benayache Fadila and Zaiter Lahcene of the University of Constantine 1 (Algeria). In this collaboration the PhD student Nassima Boutaoui carried out under my supervision and of my colleague Dr. Simone Carradori (pharmaceutical chemistry), part of her doctoral project, as per attached documentation. In particular, new extraction methods were tested and new methods for quantitative analysis of the extracts were developed. from 10-14-2016 to today

14. Collaboration with Profs. Benayache Fadila and Zaiter Lahcene of the University of Constantine 1 (Algeria). In this collaboration the PhD student Nassima Boutaoui carried out part of her PhD project under the supervision of me and my colleague Dr. Simone Carradori (pharmaceutical chemistry). The collaboration led to the publication of 2 articles (one in the annex). from 10-14-2016 to today

15. Collaboration for the development and validation of analytical methods based on biological matrix to be applied to clinical studies with Profs. Nicola Tinari and Laurino Grossi of the "G. d'Annunzio "of Chieti – Pescara, Department of Medical, Oral and Biotechnological Sciences, Center for Aging Sciences and Translational Medicine - CeSI-MeT. With Profs. a study currently being approved by the Ethical Committee of the University "G. d'Annunzio "of Chieti – Pescara. The collaboration led to the publication of 2 articles (one in the annex). from 01-05-2017 to today

16. Collaboration for the development and validation of analytical methods based on biological matrix to apply SUDEP cases for the correlation between drug dosage, pharmacogenetics and sudden deaths with Prof. Cristian D'Ovidio (University "G. d'Annunzio" of Chieti - Pescara, Section of Forensic Medicine, Department of Medicine and Sciences of Aging) and Prof. Liborio Stuppia (University "G. d'Annunzio" of Chieti-Pescara, Section of Legal Medicine, Department of Psychological Sciences, Health and Territory) and Dr. Fabio Savini (USL Company Pescara - PO Spirito Santo, UOC Clinical Analysis Laboratory, UOS Pharmacotoxicology). Attached is the project on which the group started working, with the related signatures. from 05-03-2018 to today

17. Collaboration with Dr. Joy Wolfram (Department of NanoMedicine, Houston Methodist Research Institute, USA) for the characterization by analytical techniques of bioactive compounds and new delivery systems. The collaboration led to the publication of 1 article. from 01-01-2013 to today

18. Collaboration with the Formulation Company, 3-5 Rue Paule Raymondis, 31200 Toulouse for the evaluation by instrumental analytical techniques of the stability of pharmaceutical formulations. This collaboration produced 1 publication. from 01-01-2013 to today
19. Collaboration with Prof. Halil Ibrahim Ulusoy (Department of Analytical Chemistry, Faculty of Pharmacy, Cumhuriyet University, 58140 Sivas, Turkey) for the development and validation of new methods of extraction from complex matrices. This collaboration produced 6 publications (one in the annex) and 1 review. from 01-01-2017 to today
20. Collaboration with Prof. Halil Ibrahim Ulusoy (Department of Analytical Chemistry, Faculty of Pharmacy, Cumhuriyet University, 58140 Sivas, Turkey) for the development and validation of new methods of extraction from complex matrices. In this collaboration Dr. Songül Ulusoy will perform under my supervision, part of her research project, as per attached documentation. In particular, new extraction methods will be tested and new methods developed for complex quantitative matrix analysis. from 10-16-2017 to today
21. Collaboration for the chemical characterization of extracts of natural origin with Prof. Andrei Mocan of the Department of Pharmaceutical Botany, "Iuliu Hașigănu" University of Medicine and Pharmacy, Cluj-Napoca, Romania. This collaboration led to the publication of 10 papers. Attached is one of the works deriving from this collaboration. In these works I took care of the quantitative analysis of the chemical profile of the natural extract using an HPLC-PDA, and UHPLC-QTOF-MS method. By comparing the chemical profile I obtained with the biological activity observed by the group of Prof. Mocan, it was possible to advance a hypothesis of correlation between compound and activity. All aimed at possible future applications and developments in the field of pharmaceutical chemistry. from 24-08-2016 to today.
22. Collaboration with Profs. Stefania Fulle and Tiziana Pietrangelo of the "G. d'Annunzio" of Chieti-Pescara, Department of Imaging Neurosciences and Clinical Sciences for the quantification of GTP, GDP, GMP, and Guanosine in samples of exosomes. This collaboration led to the publication of 1 work on *Frontiers in Pharmacology*, sect. Experimental Pharmacology and Drug Discovery (attached). In this work I took care of the quantitative analysis of the GTP, GDP, GMP, and Guanosine profiles in exosome samples deriving from 3 different MCP cultures of young subjects using a HPLC-PDA method. from 01-08-2017 to today.
23. Collaboration with Prof. Mohamad Fawzi Mahomoodally and Dr.. Devina Lobine of the Department of Health Sciences, Faculty of Science, University of Mauritius, Réduit, Mauritius for the characterization of extracts of natural origin. The collaboration led to the publication of articles in indexed journals. Attached is an accepted paper on *Fundamental & Clinical Pharmacology*. In this collaboration, I take care of the aspects concerning the optimization of the extraction process and the quantitative analysis of the chemical profile by HPLC analysis with different types of detectors, always with the aim of developing and validating new methods applicable to matrices of natural origin for uses. food (both food and food supplements), with possible implications in pharmaceutical research following interesting pharmacological properties shown by the analyzed extracts. from 01-01-2017 to today
24. Collaboration with Prof. Giuseppe Spoto of the Department of Medical, Oral and Biotechnological Sciences, University "G. d'Annunzio" of Chieti-Pescara, for the determination of molecules involved in the tumor process of the oral cavity and thyroid using the HPLC technique. In this collaboration I take care of the aspects inherent to the optimization of the extraction process and of the quantitative analysis through HPLC analysis with different types of detectors, always with the aim of developing and validating new methods applicable to matrices of biological origin, with possible implications in the pharmaceutical research. from 25-09-2018 to today
25. Collaboration with Dr. Fabio Savini (USL Company Pescara - PO Spirito Santo, UOC Clinical Analysis Laboratory, UOS Pharmacotoxicology), for the establishment of a regional reference center for clinical / forensic analysis to support the Forces activity Order. from 25-09-2018 to today
26. Collaboration with Dr. Ugo De Grazia (Fondazione IRCCS Neurological Institute Carlo Besta, laboratory of Neurological Biochemistry and Neuropharmacology, Milan) for the development and validation of hyphenated methods for the determination of xenobiotics and drugs of abuse in unconventional matrices of interest forensic and clinical. from 13-06-2019 to today
27. Collaboration with Dr. Danilo Palestini (Commander of the Municipal Police of the City of Pescara) for the development of an investigation protocol aimed at carrying out a study of the phenomenon of "substances of abuse, new synthetic drugs and diffusion on the territory". from 17-02-2020 to today
28. Collaboration with Prof. Victoria Samanidou (Aristotle University of Thessaloniki, Department of Chemistry, Laboratory of Analytical Chemistry, Greece) for the development and validation of new extraction methods from complex matrices. This collaboration led to the publication of several articles and reviews. from 01-01-2018 to today
29. Collaboration with Prof. Imran Ali (Department of Chemistry, College of Sciences, Taibah University, Al-Medina Al-Munawara 41477, Saudi Arabia and Department of Chemistry, Jamia Millia Islamia, Jamia Nagar, New Delhi 110025, India) for the development and validation of new methods of extraction and quantitative analysis using chromatographic techniques from complex matrices. This collaboration led to the publication of articles. from 01-01-2020 to today
30. Collaboration with Dr. Hammad Saleem (School of Pharmacy, Monash University Malaysia, Jalan Lagoon Selatan, 47500, Bandar Sunway, Selangor Darul Ehsan, Malaysia and Institute of Pharmaceutical Sciences (IPS), University of Veterinary & Animal Sciences (UVAS) , Lahore, 54000, Pakistan) for the characterization of extracts of natural origin. In this collaboration I take care of the aspects related to the optimization of the extraction process and the quantitative analysis of the chemical profile through HPLC analysis with different types of detectors, always with the aim of developing and validating new methods applicable on matrices of natural origin for uses. food (both food and food supplements), with possible implications in pharmaceutical research as a result of interesting pharmacological properties shown by the analyzed extracts. from 01-01-2019 to today
31. Collaboration with the company COOP ITALIA Soc. Cooperativa, Casalecchio di Reno, 40033 Bologna, Italy for the evaluation by instrumental analytical techniques of the authenticity of food products. from 29-03-2018 to today

32. Collaboration with Prof. Isil Gazioglu of Bezmialem Vakif University (Faculty of Pharmacy, Department of Analytical Chemistry, Istanbul, Turkey) for the development and validation of new extraction methods from complex matrices. This collaboration led to the publication of several articles. from 01-01-2020 to today

33. Collaboration with Eureka Lab Division Srl for the development and validation of new methods for analysis in the chemical, clinical, toxicological and forensic analytical fields. This collaboration led to the publication of several articles. from 01-01-2020 to today

34. Collaboration with James Rudge of Neoteryx LLC (Torrance, 90501 CA, USA) for the application and validation of new methods for analysis in the chemical analytical field using the VAMS (Volumetric Absorptive MicroSampling) technique. This collaboration led to the publication of a review. from 28-06-2021 to today

Responsibility for scientific studies and research entrusted by qualified public or private institutions

1. Scientific collaboration in progress relating to a project in collaboration with the company BIOSLINE for the validation of quantitative analysis methods with hyphenated instrumentation on complex matrices. from 27-11-2013 to 01-11-2014

2. Appointment by the company LASERLAB srl as external scientific manager for the validation of quantitative analysis methods with hyphenated instrumentation on complex matrices. from 08-09-2017 to today

3. Appointment by the company CRYOLEBANON srl as external scientific manager for the project "Design, synthesis, chemical-physical characterization, and stability studies in biological fluids of new small molecules as PD-L1 inhibitors for cancer immunotherapy". from 02-10-2017 to 09/10/2020

4. Principal Investigator indicated by the Department of Pharmacy of the University of "G. d'Annunzio "of Chieti-Pescara for the observational, pharmacological study" Development and validation of a hyphenate method for the quantitative determination of antitumor in biological matrix using innovative extraction techniques "approved by the Ethics Committee. The protocol of the study, the letter accompanying the changes requested by the Ethics Committee, the email certifying the receipt of the changes requested and the approval report by the Ethics Committee are attached. from 21-10-2017 to today

5. Appointment by the company COOP Italia as external scientific manager for research projects and chemical-physical and analytical analyzes carried out at the CoopItalia Laboratory on "Herbs and Spices" and "Wines" matrices. All of this is inherent in the process of setting up innovative analysis methods using instrumental configurations such as HPLC-MS, GC-Heracles II, HPLC-UV / Vis and others available at the CoopItalia laboratory in Casalecchio di Reno. The procedures will be applied to innovative "untarget" analysis techniques. from 29-03-2018 to today

6. Scientific collaboration in progress relating to a project in collaboration with the company S.A.L.P.A. of Roseto degli Abruzzi for the health-nutritional characterization of frozen vegetables by means of quantitative HPLC-PDA analyzes following extraction processes. from 25-10-2020 onwards

BIOANALYTICAL REPORTS ON METHOD VALIDATION AND CLINICAL STUDIES

rep 1. Bioanalytical Report: Validation of a HPLC-ESI-MS/MS method for the determination of 5-aminosalicylic acid and N-acetyl-5-aminosalicylic acid in human plasma (DIPMEDINT 21/12/07; Bioanalytical Validation Report)

rep 2. Validation Report: Development and validation of a sensitive HPLC-ESI-MS/MS method for the direct determination of glucosamine in human plasma (STUDY DIPSFAR09)

rep 3. Partial Validation Report: Partial validation of a HPLC-MS/MS assay for the determination of glucosamine in human knee synovial fluid (STUDY DIPSFAR08; Bioanalytical Validation Report)

rep 4. Bioanalytical Report: LC-MS determination of NCX 1000 and 15 bile acids in human faecal samples collected during study NCX1000-x-102

rep 5. Bioanalytical Study Protocol, Pre-study Validation: Partial validation of a HPLC-MS/MS assay for the determination of glucosamine in human plasma and long term stability in human plasma (DIPSFAR06)

rep 6. Bioanalytical Study Protocol, In-study Validation: LC-MS/MS determination of glucosamine in human plasma samples collected during study 79/2003/O (DIPSFAR03)

rep 7. Bioanalytical Study Protocol, In-study Validation: LC-MS/MS determination of glucosamine in human urine samples collected during study 79/2003/O (DIPSFAR03)

rep 8. Bioanalytical Report: LC-MS/MS determination of glucosamine in human plasma samples collected during study 79/2003/O (79/2003/O)

rep 9. Bioanalytical Report: LC-MS/MS determination of glucosamine sulphate in human urine samples collected during study 79/2003/O (79/2003/O)

rep 10. Bioanalytical Study Protocol, In-study Validation: LC-MS/MS determination of glucosamine in human plasma samples collected during study SP191203

- rep 11. Bioanalytical Report: LC-MS/MS determination of glucosamine in human plasma samples collected during study SP191203 (DIPSPAR05/SP191203)
- rep 12. Bioanalytical Study Protocol, In-study Validation: LC-MS/MS determination of glucosamine in human plasma samples collected during study GS PK3 (DIPSFAR07/GS PK3)
- rep 13. Bioanalytical Report: LC-MS/MS determination of glucosamine in human plasma samples collected during study GS PK3 (DIPSFAR07/GS PK3)
- rep 14. Bioanalytical Study Protocol, In-study Validation: LC-MS/MS determination of glucosamine in human plasma and synovial fluid samples collected during study GS PK1 (DIPSFAR08/GS PK1)
- rep 15. Bioanalytical Report: LC-MS/MS determination of glucosamine in human plasma and synovial fluid samples collected during study GS PK1 (DIPSFAR10/GS PK1)

ARTICLE IN INTERNATIONAL PEER-REVIEW JOURNALS

- pub. 1 "Glucosamine oral bioavailability and plasma pharmacokinetics after increasing doses of crystalline glucosamine sulfate in man"; S. Persiani, E. Roda, L. C. Rovati, **M. Locatelli**, G. Giacobelli, A. Roda; *Osteoarthritis and cartilage* (ISSN: 1063-4584), 13(12), 1041-1049, **2005**; DOI: 10.1016/j.joca.2005.07.009; codice SCOPUS: 2-s2.0-27944440047; codice WOS:000234014500001; IF (2005): 4.215 – full article
- pub. 2 "Development and Validation of a Sensitive HPLC-ESI-MS/MS Method for the Direct Determination of Glucosamine in Human Plasma"; A. Roda, L. Sabatini, A. Barbieri, M. Guardigli, **M. Locatelli**, F.S. Violante, L.C. Rovati, S. Persiani; *Journal of Chromatography B* (ISSN: 1570-0232), 844(1), 119–126, **2006**; DOI: 10.1016/j.jchromb.2006.07.013; codice SCOPUS: 2-s2.0-33845987480; codice WOS:000242328300016; IF (2006): 2.647 – full article
- pub. 3 "Synovial and plasma glucosamine concentrations in osteoarthritic patients following oral crystalline glucosamine sulphate at therapeutic dose"; S. Persiani, R. Rotini, G. Trisolino, L.C. Rovati, **M. Locatelli**, D. Paganini, D. Antonioli, A. Roda; *Osteoarthritis and cartilage* (ISSN: 1063-4584), 15(7), 764-772, **2007**; DOI: 10.1016/j.joca.2007.01.019; codice SCOPUS: 2-s2.0-34250005110; codice WOS:000248055000005; IF (2007): 3.793 – full article
- pub. 4 "Development and validation of a HPLC-ESI-MS/MS method for the determination of 5-aminosalicylic acid and its major metabolite N-acetyl-5-aminosalicylic acid in human plasma"; E. Pastorini, **M. Locatelli**, P. Simoni, G. Roda, E. Roda, A. Roda; *Journal of Chromatography B* (ISSN: 1570-0232), 872(1-2), 99–106, **2008**; DOI: 10.1016/j.jchromb.2008.07.026; codice SCOPUS: 2-s2.0-49849099622; codice WOS:000259764800012; IF (2008): 2.500 – full article
- pub. 5 "Pharmacokinetics and Safety of a New 1200 mg Single-Dose Delayed Release Mesalazine Microgranule Formulation"; A. Roda, P. Simoni, G. Roda, A. Caponi, E. Pastorini, **M. Locatelli**, E. Roda; *Journal of Bioequivalence & Bioavailability* (ISSN: 0975-0851), 1(2), 044-051, **2009**; DOI:10.4172/jbb.1000008; NO codice SCOPUS; NO codice WOS; NO IF – full article
- pub. 6 "Anthraquinone profile and chemical fingerprint of *Rhamnus saxatilis* L. from Italy"; **M. Locatelli**, F. Tammaro, L. Menghini, G. Carlucci, F. Epifano, S. Genovese; *Phytochemistry Letters* (ISSN: 1874-3900), 2(4), 223-226, **2009**; DOI: 10.1016/j.phytol.2009.10.001; codice SCOPUS: 2-s2.0-70350408330; codice WOS:000207855600021; IF (2009): 0.957 – full article
- pub. 7 "Comparison of Three Different Extraction Methods and HPLC Determination of the Anthraquinones Aloe-emodine, Emodine, Rheine, Chrysofanol and Physcione in the Bark of *Rhamnus alpinus* L. (Rhamnaceae)"; S. Genovese, F. Tammaro, L. Menghini, G. Carlucci, F. Epifano, **M. Locatelli**; *Phytochemical Analysis* (ISSN:1099-1565 online), 21(3), 261-267, **2010**; DOI: 10.1002/pca.1195; codice SCOPUS: 2-s2.0-77951800175; codice WOS:000277718200006; IF (2010): 1.848 – full article
- pub. 8 "Quantification of 4'-geranyloxyferulic acid, a new natural colon cancer chemopreventive agent, by HPLC-DAD in grapefruit skin extract"; S. Genovese, F. Epifano, G. Carlucci, M.C. Marcotullio, M. Curini, **M. Locatelli**; *Journal of Pharmaceutical and Biomedical Analysis* (ISSN: 0731-7085), 53(2), 212-214, **2010**; DOI: 10.1016/j.jpba.2010.01.041; codice SCOPUS: 2-s2.0-77953543696; codice WOS:000279017500015; IF (2010): 2.733 – full article
- pub. 9 "Advanced Capillary Electrophoresis Techniques in the Analytical Quantification of Drugs, Metabolites and Biomarkers in Biological Samples"; **M. Locatelli**, G. Carlucci; *Global Journal of Analytical Chemistry* (no ISSN), 1(3), 244-261, **2010**. NO DOI; NO codice SCOPUS; NO codice WOS; NO IF – review article
- pub. 10 "Anthraquinones: analytical techniques as a novel tool to investigate on the triggering of biological targets"; **M. Locatelli**; *Current Drug Targets* (ISSN: 1873-5592 online, ISSN: 1389-4501 print), 12(3), 366-380, **2011**. DOI : 10.2174/138945011794815338; codice SCOPUS: 2-s2.0-79551627446; codice WOS:000288997300008; IF (2011): 3.553 – review article
- pub. 11 "Use of HPLC in the determination of the molar absorptivity of 4'-geranyloxyferulic acid and boropinic acid"; **M. Locatelli**, G. Carlucci, S. Genovese, M. Curini, F. Epifano; *Chromatographia* (ISSN: 1612-1112 online, ISSN:0009-5893 print), 73(9-10), 889-896, **2011**; DOI: 10.1007/s10337-011-1979-5; codice SCOPUS: 2-s2.0-79958281783; codice WOS:000289300500008; IF (2011): 1.195 – full article
- pub. 12 "Anthraquinone Profile, Antioxidant and Antimicrobial Properties of Bark Extracts of *Rhamnus catharticus* and *R. orbiculatus*"; **M. Locatelli**, F. Epifano, S.Genovese, G. Carlucci, M. Zovko Končić, I. Kosalec, D. Kremer; *Natural Product Communications* (ISSN: 1555-9475 online, ISSN: 1934-578X print), 6(9), 1275-1280, **2011**. DOI: 10.1177/1934578X1100600917; codice SCOPUS: 2-s2.0-80155169005; codice WOS:000294381500017; IF (2011): 1.242 – full article

- pub. 13** "Recent application of analytical methods to phase I and phase II drugs development: a review"; **M. Locatelli**, L. Governatori, G. Carlucci, S. Genovese, A. Mollica, F. Epifano; *Biomedical Chromatography* (ISSN:1099-0801 online), 26(3), 283-300, **2012**. DOI: 10.1002/bmc.1674; codice SCOPUS: 2-s2.0-84856561988; codice WOS:000299834500003; IF (2012): 1.945 – review article
- pub. 14** "Recent HPLC strategies to improve sensitivity and selectivity for the analysis of complex matrices"; **M. Locatelli**, D. Melucci, G. Carlucci, C. Locatelli; *Instrumentation Science & Technology* (ISSN: 1525-6030 online, ISSN: 1073-9149 print), 40(2-3), 112-137, **2012**. DOI: 10.1080/10739149.2011.651668; codice SCOPUS: 2-s2.0-84862095769; codice WOS:000303580500005; IF (2012): 0.429 – review article
- pub. 15** "Novel prodrugs for the treatment of colonic diseases based on 5-aminosalicylic acid, 4'-geranyloxyferulic acid, and auraptene: biological activities and analytical assays"; F. Epifano, S. Genovese, G. Carlucci, **M. Locatelli**; *Current Drug Delivery* (ISSN: 1875-5704 online, ISSN: 1567-2018 print), 9(2), 112-121, **2012**. DOI: 10.2174/156720112800234549; IF: codice SCOPUS: 2-s2.0-84857882182; codice WOS:000300635800002; no IF for 2012 (IF 2013: 2.248) – review article
- pub. 16** "Anthraquinone profiles, antioxidant and antimicrobial properties of *Frangula rupestris* (Scop.) Schur and *F. alnus* Mill. bark"; D. Kremer, I. Kosalec, **M. Locatelli**, F. Epifano, S. Genovese, G. Carlucci, M. Zovko Končić; *Food Chemistry* (ISSN: 0308-8146), 131(4), 1174-1180, **2012**. DOI: 10.1016/j.foodchem.2011.09.094; codice SCOPUS: 2-s2.0-81855176129; codice WOS:000298273200013; IF (2012): 3.334 – full article
- pub. 17** "Development and application of high-performance liquid chromatography for the study of two new oxyprenylated-anthraquinones produced by *Rhamnus* species"; **M. Locatelli**, S. Genovese, G. Carlucci, D. Kremer, M. Randić, F. Epifano; *Journal of Chromatography A* (ISSN: 0021-9673), 1225, 113-120, **2012**. DOI: 10.1016/j.chroma.2011.12.085; codice SCOPUS: 2-s2.0-84856208713; codice WOS:000300814400014; IF (2012): 4.612 – full article
- pub. 18** "Screening for oxyprenylated anthraquinones in Mediterranean *Rhamnus* species"; S. Genovese, F. Epifano, M. Curini, D. Kremer, G. Carlucci, **M. Locatelli**; *Biochemical Systematics and Ecology* (ISSN: 0305-1978), 43, 125-127, **2012**. DOI: 10.1016/j.bse.2012.03.001; codice SCOPUS: 2-s2.0-84860532518; codice WOS:000305365500021; IF (2012): 1.153 – full article
- pub. 19** "Synthesis and Bioactivity of Secondary Metabolites from Marine Sponges Containing Dibrominated Indolic Systems"; A. Mollica, **M. Locatelli**, A. Stefanucci, F. Pinnen; *Molecules* (ISSN 1420-3049), 17(5), 6083-6099, **2012**. DOI: 10.3390/molecules17056083; codice SCOPUS: 2-s2.0-84861496216; codice WOS:000304587600101; IF (2012): 2.428 – review article
- pub. 20** "Re-investigation of the anthraquinone pool of *Rhamnus* spp.: madagascin from the fruits of *Rhamnus cathartica* and *R. intermedia*"; F. Epifano, S. Genovese, D. Kremer, G. Carlucci, **M. Locatelli**; *Natural Product Communications* (ISSN: 1555-9475 online, ISSN: 1934-578X print), 7(8), 1029-1032, **2012**. NO DOI; codice SCOPUS: 2-s2.0-84865295862; codice WOS:000308060900017; IF (2012): 0.956 – full article
- pub. 21** "Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein A-I variant"; C. Parolini, S. Caligari, D. Gilio, S. Manzini, M. Busnelli, M. Montagnani, **M. Locatelli**, E. Diani, F. Giavarini, D. Caruso, E. Roda, A. Roda, C.R. Sirtori, G. Chiesa; *Liver International* (ISSN:1478-3231 online), 32(9), 1363-1371, **2012**. DOI: 10.1111/j.1478-3231.2012.02855.x; codice SCOPUS: 2-s2.0-84865743356; codice WOS:000308286500005; IF (2012): 3.870 – full article
- pub. 22** "Analysis of Anti-inflammatory Enantiomers by HPLC in Human Plasma and Urine: A Review"; G. Carlucci, M. Carlucci, **M. Locatelli**; *Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry* (ISSN: 1875-614X online, ISSN: 1871-5230 print), 11(1), 96-112, **2012**. DOI: 10.2174/187152312803476228; codice SCOPUS: 2-s2.0-84867495586; NO codice WOS; NO IF – review article
- pub. 23** "Recent Advances in Anti-Inflammatory and Immune-Modulator Drugs Development and Analytical Tools for their Characterization"; **M. Locatelli**; *Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry* (ISSN: 1875-614X online, ISSN: 1871-5230 print), 11(1), 2-2, **2012**. DOI: 10.2174/187152312803476237; codice SCOPUS: 2-s2.0-84867512250; NO codice WOS; NO IF – editorial/letters
- pub. 24** "Anthraquinone profile, antioxidant and antimicrobial activity of bark extracts of *Rhamnus alaternus*, *R. fallax*, *R. intermedia* and *R. pumila*"; I. Kosalec, D. Kremer, **M. Locatelli**, F. Epifano, S. Genovese, G. Carlucci, M. Randić, M. Zovko Končić; *Food Chemistry* (ISSN: 0308-8146), 136(2), 335-341, **2013**. DOI: 10.1016/j.foodchem.2012.08.026; codice SCOPUS: 2-s2.0-84866676302; codice WOS:000314193500008; IF (2013): 3.259 – full article
- pub. 25** "High Performance Liquid Chromatography determination of Prulifloxacin and five related impurities in pharmaceutical formulations"; **M. Locatelli**, F. De Lutiis, G. Carlucci; *Journal of Pharmaceutical and Biomedical Analysis* (ISSN: 0731-7085), 78-79, 27-33, **2013**. DOI: 10.1016/j.jpba.2013.01.036; codice SCOPUS: 2-s2.0-84874579982; codice WOS:000317442800005; IF (2013): 2.829 – full article
- pub. 26** "Biological active analogues of the opioid peptide Biphalin: mixed α/β^3 -peptides."; A. Mollica, F. Pinnen, R. Costante, **M. Locatelli**, A. Stefanucci, S. Pieretti, P. Davis, J. Lai, D. Rankin, F. Porreca, V.J. Hruby; *Journal of Medicinal Chemistry* (ISSN: 1520-4804 online, ISSN: 0022-2623 print), 56, 3419-3423, **2013**. DOI: 10.1021/jm301456c; codice SCOPUS: 2-s2.0-84876884182; codice WOS:000318211100024; IF (2013): 5.480 – full article
- pub. 27** "Novel techniques as a tool to investigate on the triggering of biological targets"; **M. Locatelli**; *Current Drug Targets* (ISSN: 1873-5592 online, ISSN: 1389-4501 print), 14(9), 937, **2013**. DOI: 10.2174/1389450111314090001; codice SCOPUS: 2-s2.0-84881364191; codice WOS:000321338500001; IF (2013): 3.597 – editorial/letters

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- pub. 207** “A comparative study on phytochemical fingerprint of two diverse *Phaseolus vulgaris* var. Tondino del Tavo and Cannellino Bio extracts”; A. Stefanucci, G. Scioli, L. Marinaccio, G. Zengin, **M. Locatelli**, A. Tartaglia, A. Della Valle, A. Cichelli, E. Novellino, S.

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- pub. 210** “Meet Our Editorial Board Member”; **M. Locatelli**, *Current Bioactive Compounds* (ISSN: 1875-6646 online, ISSN: 1573-4072 print), 18(7), 1, article e280722207062, **2022**. DOI: 10.2174/157340721807220728113720; codice SCOPUS: ; NO codice WOS; NO IF – editorial
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3. D. Melucci, C. Locatelli, M. D’Annunzio, M. Rendina, **M. Locatelli** “Analytical Methods For Organic And Inorganic Toxics Determination In Cosmetics Products” in *New Developments in Analytical Chemistry Research*, Edited by Breanna Granger, NOVA SCIENCE PUBLISHERS, INC. 400 Oser Avenue, Suite 1600 Hauppauge, NY 11788-3619 USA, **2015** – 1st Quarter, ISBN: 978-1-63463-427-4, Chapter 1, pp. 1-39. Codice SCOPUS: 2-s2.0-84955364363.
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PROCEEDINGS (CONFERENCE ABSTRACT)

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- pro 2.** “The foetal-maternal circulation of bile acids and bilirubin: effects of cholestasis and UDCA administration”; E. Baglivo, F. Azzaroli, M. Montagnani, V. Feletti, P. Simoni, **M. Locatelli**, D. De Aloysio, G. Pelusi, F. Lodato, D. Festi, A. Colecchia, A. Roda, E. Roda, G. Mazzella, *Gastroenterology* (ISSN: 0016-5085), 130(4, Suppl 2), A802-A802, **2006**; NO DOI; codice WOS:000236961706143; IF (2006): 12.460 – Conference abstract
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- pro 6.** “Pharmacokinetics of glucosamine in man after oral administration of crystalline glucosamine sulfate or glucosamine hydrochloride alone or in combination with chondroitin sulfate”; S. Persiani, L.C. Rovati, E. Pastorini, **M. Locatelli**, G. Giacobelli, D. Paganini, A. Roda, *Osteoarthritis and Cartilage* (ISSN: 1063-4584), 15 (Suppl C), C223-C224, **2007**; DOI: 10.1016/S1063-4584(07)62043-3; IF (2007): 3.793 – Conference abstract
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ORAL COMMUNICATIONS TO NATIONAL AND INTERNATIONAL CONGRESS

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- o 2. “Spettrometria di massa applicata all'analisi delle proteine: Proteomica Funzionale”; **M. Locatelli**, A. Roda; Seminario “Proteomica Funzionale”, Policlinico S. Orsola-Malpighi, Bologna, 07 March **2004**
- o 3. “3rd year PhD students in chemistry discuss their research projects with Jean Marie Lehn”, **M. Locatelli**, Bologna, 05 April **2006**

- o 4. "Determinazione dell'assorbività molare di prodotti naturali ossiprenilati mediante tecnica HPLC-DAD: il caso dell'acido 4'-geranilossiferulico, un nuovo chemopreventore del cancro al colon, e l'acido boropinico, un agente anti-*Helicobacter pylori*"; F. Epifano, S. Genovese, G. Carlucci, M. Curini, **M. Locatelli**; Fitomed 2010, Cagliari, Italia, 23-26 June **2010**
- o 5. "New HPLC-DAD method for the analyses of a novel group of secondary metabolites in *Rhamnus spp.*: prenyloxanthraquinones"; **M. Locatelli**, F. Epifano, G. Carlucci, S. Genovese; "Incontri di Scienza delle Separazioni", Roma, Italia, 22-23 November **2011**
- o 6. "IL-MAE, UAE ed estrazione convenzionale di composti bioattivi in radici di *Pueraria lobata* e valutazione della loro attività inibitoria su isoforme di Anidraasi Carbonica"; **M. Locatelli**, S. Carradori, A. Mollica, S. Riga, R. Primavera, M. Di Francesco, L. Menghini, A. Angeli, L. Di Marzio, D. Secci, C. Celia, C.T. Supuran; Sezioni Toscana Umbria Marche Abruzzo, XXXV Congresso Interregionale TUMA 2016, Giulianova, Italia, 25-27 September **2016**
- o 7. "Il PoCT in Farmacia, Qualità precisione sicurezza"; **M. Locatelli**; "Analisi decentrate nella Farmacia dei Servizi" accreditato Agenas per crediti ECM per farmacisti territoriali e farmacisti ospedalieri, Chieti, Università degli Studi "G. d'Annunzio" di Chieti-Pescara, Aula Magna "G. Bettoni" Dipartimento di Farmacia, 21 October **2017**
- o 8. "Analytical approaches and biopharmaceutics of innovative formulations for thyroid cancer: state of the art and future perspectives"; **M. Locatelli**; Invited Speaker al Congresso "Strategie terapeutiche per il trattamento del cancro della tiroide: contributo delle nuove tecnologie", Catanzaro, Italia, 09-10 February **2018**
- o 9. "Recent trends in microextraction techniques employed in analytical and bioanalytical sample preparation"; **M. Locatelli**; Invited Speaker al Congresso "ITAC2018 - International Trace Analysis Congress", Sivas, Turkey, 20-23 June **2018**
- o 10. Chairman Congress "ITAC2018 - International Trace Analysis Congress", Sivas, Turkey, 20-23 June **2018**
- o 11. "Fase Analitica: preanalitica, automazione, QC e telemedicina"; **M. Locatelli**; "Analisi decentrate nella Farmacia dei Servizi" per farmacisti territoriali. Teramo, FederFarma Teramo – Associazione Sindacale Titolari di Farmacia della Provincia di Teramo, 11 October **2018**
- o 12. "Modern Foods and Environmental analyses: trends and perspectives"; **M. Locatelli**; Invited Speaker al 1st International Forum on Ecological Safety of the Black Sea: Chemical Weapons – Foods – Health – Environment (IFGSBS 2018-2019), Odessa, Ukraine, 13 October **2018**
- o 13. "Tecniche Cromatografiche in Laboratorio. Gas-Massa, Liquido-Massa, HPLC: metodologie e innovazione"; **Marcello Locatelli**; specialist training course "Topics in Farmacotossicologia" per crediti ECM, Presidio Ospedaliero di Pescara. 28 November **2018**
- o 14. "Approcci integrati per la valorizzazione delle filiere botaniche"; **M. Locatelli**; workshop "Aspetti scientifici e culturali della filiera botanica alimentare" Chieti. 26-28 October **2018**
- o 15. "Metodi analitici: un ausilio per il controllo di qualità dei nanomateriali cosmetici"; **M. Locatelli**; Nanoinnovation 2019 conference & exhibition, Roma, Italia, 12 June **2019**
- o 16. Chairman "Farmacotossicologia clinica, forense ed endocrinologia. Aggiornamenti ultraspecialistici. Giornata di Studio", Pescara, Ospedale Civile "Santo Spirito", Italia, 13 June **2019**
- o 17. "Simultaneous determination of solar UV filters in three biological fluids by FPSE-HPLC-PDA method"; **M. Locatelli**, K.G. Furton, A. Tartaglia, E. Sperandio, H.I. Ulusoy, A. Kabir; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turkey), 01-05 September **2019**
- o 18. Chairman "19th Advanced Course in Pharmaceutical Technology "Characterization of colloidal nanocarriers", Catanzaro, Italy, 9-12 September **2019**
- o 19. "Analytical Instrumentation for novel delivery systems"; **M. Locatelli**; "19th Advanced Course in Pharmaceutical Technology "Characterization of colloidal nanocarriers", Catanzaro, Italy, 9-12 September **2019**
- o 20. "Fabric Phase Sorptive Membrane Array: A Novel Approach for Non-Invasive In Vivo Sampling for Disease Diagnosis, Air Pollution monitoring, and Beyond"; **M. Locatelli**, A. Tartaglia, H.I. Ulusoy, S. Ulusoy, F. Savini, S. Rossi, F. Santavenere, G.M. Merone, E. Bassotti, C. D'Ovidio, E. Rosato, K.G. Furton, A. Kabir; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 March **2021**
- o 21. Key speaker at Scientific and Practical Conference with International Participation "Current Trends in Pharmaceutical Chemistry and Standardization of Medicines" (online) organizzato dalla I. Horbachevsky Ternopil National Medical University, Ucraina. Dal 25-26 May **2021**
- o 22. Oral presentation "Fabric Phase Sorptive Extraction: an innovative tool for TDM and pharmacotoxicological studies using unconventional biological matrices"; **M. Locatelli**, A. Kabir, H.I. Ulusoy, G.M. Merone, F. Savini, C. D'Ovidio, M. Bonelli, E. Rosato, U. De Grazia, K.G. Furton, A. Tartaglia, XXVII Congresso Nazionale della Società Chimica Italiana SCI2021, 14-23 September **2021**
- o 23. Invited speaker to the webinar "Chromatography – the ultimate tool" MDPI, Chair: Victoria Samanidou, with the presentation titled "Innovative sampling procedures in Bioanalytical Chemistry", 17 November **2021**
- o 24. Oral presentation "Fabric Phase Sorptive Extraction in TDM and pharmacotoxicological studies using unconventional biological matrices"; **M. Locatelli**, A. Kabir, H.I. Ulusoy, G.M. Merone, F. Savini, C. D'Ovidio, M. Bonelli, E. Rosato, U. De Grazia, K.G. Furton, A. Tartaglia; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical

Chemistry e-Conference (GSAC2022), organized by the EuChemS-DAC Sample Preparation Study Group and Network. Oral presentation for 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), 14-16 March, **2022**.

- o 25. Chairman Meeting Nazionale gruppo di studio Autori e Validatori esterni sulle tecniche analitiche cromatografiche applicate alla Clinica 11° EDIZIONE, Monsano (AN), 28-29 April, **2022**.
- o 26. Oral presentation "Standardizzazione e incremento della precisione e della riproducibilità delle analisi: il ruolo di kit pronti all'uso."; **M. Locatelli**, Meeting Nazionale gruppo di studio Autori e Validatori esterni sulle tecniche analitiche cromatografiche applicate alla Clinica, 11° EDIZIONE, Monsano (AN), 28-29 April, **2022**.
- o 27. Chairman "Farmacotossicologia. Aggiornamenti ultraspecialistici. Giornata di Studio", Pescara, Ospedale Civile "Santo Spirito", Italia, 23 June **2022**
- o 28. Speaker for a thematic seminar at the II level Master in "Analisi Chimiche e Chimico-Tossicologiche Forensi" of the Alma Mater Studiorum, University of Bologna (2021/2022) entitled "Recenti sviluppi della LC-MS/MS nel campo delle analisi farmacotossicologiche forensi", 14 July **2022**.
- o 28. Oral presentation "Fast LC-MS/MS screening method for the evaluation of drugs, and other compounds in unconventional matrices"; **M. Locatelli**, A. Tartaglia, E. Rosato, G.M. Merone, E. Bassotti, C. D'Ovidio, U. de Grazia, K.G. Furton, H.I. Ulusoy, A. Kabir, F. Savini, XXIX Congresso della Divisione di Chimica Analitica, Milazzo (ME), 11-15 September, **2022**.

CONTRIBUTIONS TO NATIONAL AND INTERNATIONAL CONGRESS

- c 1. "Correlazione materno-fetale degli acidi biliari in corso di colestasi gravidica"; E. Baglivo, F. Azzaroli, **M. Locatelli**, V. Feletti, P. Simoni, G. Santarsiero, M. Franchina, F. Lodato, M. Montagnani, A. Colecchia, D. Festi, E. Roda, A. Roda, G. Mazzella; 81° Congresso Nazionale SIGO (46° Congresso AOGOI - 13° Congresso AGUI), Bologna, Italia, 20-24 September **2005**
- c 2. "The foetal-maternal circulation of bile acids and bilirubin: effects of cholestasis and ursodeoxycholic acid administration"; E. Baglivo, F. Azzaroli, **M. Locatelli**, V. Feletti, P. Simoni, G. Santarsiero, M. Franchina, F. Lodato, M. Montagnani, A. Colecchia, D. Festi, E. Roda, A. Roda, G. Mazzella; 39° Annual Meeting of the Italian Association of the Study of the Liver (A.I.S.F.), Roma, Italia, 15-17 February **2006**
- c 3. "The foetal-maternal circulation of bile acids and bilirubin: effects of cholestasis and ursodeoxycholic acid administration"; E. Baglivo, F. Azzaroli, **M. Locatelli**, V. Feletti, P. Simoni, G. Santarsiero, M. Franchina, F. Lodato, M. Montagnani, A. Colecchia, D. Festi, E. Roda, A. Roda, G. Mazzella; XII National Congress of the Italian Federation of Digestive Disease (SIGE), Napoli, Italia, 01-05 April **2006**
- c 4. "Liquid chromatography-tandem mass spectrometry method for determination of 5-aminosalicylic acid (5-ASA) and its major metabolite n-acetyl-5-asa in human plasma samples"; E. Pastorini, **M. Locatelli**, P. Simoni, G. Roda, E. Roda, A. Roda; 5th Pharmaday, Verona, Italia, 27-29 October **2008**
- c 5. "Studi chimici e farmacologici su lawsone, lapacolo e loro derivati"; S. Fiorito, F. Epifano, S. Genovese, A. Mollica, **M. Locatelli**, V. Mathieu, R. Kiss; 13° SAYCS, Riccione, Italia, 28-30 October **2013**
- c 6. "Study of scaffold and drugs delivery from electrospun nanostructured polymeric membranes"; P. Bruni, **M. Locatelli**, V. Ferrone, S. Narcisi, O. Trubiani, F. Diomede, F. Croce; 14° SAYCS, Riccione, Italia, 27-29 October **2014**
- c 7. "Microwave-assisted extraction, HPLC-PDA analysis and inhibition of carbonic anhydrase I, II, V(A) and VII isoforms of fourteen blueberry Italian cultivars"; S. Carradori, **M. Locatelli**, G. Bellagamba, G. Macedonio, L. Mannina, F.R. De Salvador, A. Angeli, C.T. Supuran, V Workshop - Applicazioni della Risonanza Magnetica nella Scienza degli Alimenti, Rome, 26-27 May **2016**
- c 8. "In vivo and in vitro evaluation of the anti-diabetic nutraceutical potentials of *Capparis spinosa*"; A. Mollica, A. Stefanucci, G. Macedonio, **M. Locatelli**, O. Onaolapo, A. Onaolapo, E. Novellino; 12th National Symposium "MEDICINAL PLANTS – PRESENT AND PERSPECTIVES", Piatra Neamț, Romania, 06-09 September **2016**
- c 9. "Capsule phase microextraction: a field deployable sample preparation technique for rapid screening of environmental pollutants in water"; A. Kabir, **M. Locatelli**, R. Mesa, S. Rakela, K.G. Furton; EXTECH 2017, Santiago de Compostela (Spain), 27-30 June **2017**
- c 10. "Whole Blood Analysis Using Fabric Phase Sorptive Extraction (FPSE): A New Strategy in Metabolomics Sample Preparation for Disease Biomarker Discovery"; A. Kabir, **M. Locatelli**, H.I. Ulusoy, K.G. Furton; ITAC2018 - International Trace Analysis Congress, Sivas, Turchia, 20-23 June **2018**
- c 11. "Decanoic acid functionalized magnetic particles for sensitive determination of Propoxur and Fenitrothion residues in environmental samples"; A.G. Canli, H.I. Ulusoy, B. Sürücü, E. Yılmaz, A. Kabir, **M. Locatelli**, K.G. Furton, A. Tartaglia, E. Sperandio, H.I. Ulusoy, A. Kabir; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 September **2019**
- c 12. "Fabric phase sorptive extraction: novel sample preparation strategy for pharmacokinetics, pharmacodynamics, toxicokinetics, and therapeutic drug monitoring studies directly from whole blood"; A. Kabir, **M. Locatelli**, K.G. Furton, H.I. Ulusoy, A. Tartaglia; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 September **2019**

- c 13. "Chemometrics combined with untargeted mass spectrometry for the study of saffron adulterations"; A. Zappi, D. Melucci, F. Gottardi, C.M. Tavilla, A. Tartaglia, **M. Locatelli**; XXVIII Congress of the Analytical Chemistry Division, Bari (Italy), 22-26 September **2019**
- c 14. "Fabric Phase Sorptive Extraction: A Convenient Tool for Therapeutic Drug Monitoring, Illicit Drug Investigation and Other Clinical/Toxicological Study Using Unconventional Biological Fluids"; A. Tartaglia, A. Kabir, H.I. Ulusoy, G.M. Merone, F. Savini, C. D'Ovidio, E. Rosato, U. De Grazia, K.G. Furton, **M. Locatelli**; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 March **2021**
- c 15. "Biofluid Sampler: Beginning of a New Era of Mail-in-Analysis of Whole Blood Sample"; A. Kabir, A. Tartaglia, C. D'Ovidio, E. Rosato, H.I. Ulusoy, K.G. Furton, **M. Locatelli**; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 March **2021**
- c 16. "Thyroid gland alterations for the post-mortem interval definition: a preliminary study"; E. Rosato, M. Bonelli, **M. Locatelli**, A. Tartaglia, D. Angelucci, C. D'Ovidio; International Academy of Legal Medicine, 01-04 June **2021**
- c 17. "Time dependent post-mortem proteome change: PMI effect on mouse brain tissue to identify early time sensitive post-mortem biomarkers"; M. Bonelli, C. D'Ovidio, E. Rosato, **M. Locatelli**, A. Tartaglia, E. Bossi, F. Di Giuseppe, S. Angelucci; International Academy of Legal Medicine, 01-04 June **2021**
- c 18. "Evaluation of peripheral blood cells degradation and extracellular vesicles for PMI estimation"; C. D'Ovidio, M. Bonelli, E. Rosato, **M. Locatelli**, A. Tartaglia, P. Simeone, P. Lanuti; International Academy of Legal Medicine, 01-04 June **2021**
- c 19. "Fabric phase sorptive extraction followed by HPLC-PDA detection for the monitoring of pirimicarb and fenitrothion pesticide residues"; H.I. Ulusoy, K. Koseoglu, A. Kabir, S. Ulusoy, **M. Locatelli**; International Symposium on Pharmaceutical Sciences (ISOPS), 22-25 June **2021**
- c 20. "Chromatographic determination of Irinotecan residues in urine samples by using a new synthesized sorbent material"; S. Ulusoy, A. Tartaglia, A. Kabir, H.I. Ulusoy, **M. Locatelli**; International Symposium on Pharmaceutical Sciences (ISOPS), 22-25 June **2021**
- c 21. "Exploring The Nutraceutical Potential Of Dried Pepper Capsicum annum L. On Market From Altino In Abruzzo Region", A. Della Valle, M.P. Dimmito, G. Zengin, S. Pieretti, A. Mollica, **M. Locatelli**, A. Cichelli, E. Novellino, A.k. Gunes; S. Yerlikaya, M.C. Baloglu, C.Y. Altunoglu, A. Stefanucci, RDPA 2021, 5-8 Settembre **2021**
- c 22. "Fabric Phase Sorptive Membrane Array: A Novel Approach for Non-Invasive In Vivo Sampling", A. Tartaglia, H.I. Ulusoy, S. Ulusoy, F. Savini, S. Rossi, F. Santavenere, G.M. Merone, E. Bassotti, C. D'Ovidio, M. Bonelli, E. Rosato, K.G. Furton, A. Kabir, **M. Locatelli**, XXVII Congresso Nazionale della Società Chimica Italiana SCI2021, 14-23 Settembre **2021**
- c 23. "Exposome on exosomes: pilot evidence on triathletes through common statistics and network models"; D. Bondi, V. Scollo, C. Santangelo, E. Rosato, F. Alessandro Palermo, **M. Locatelli**, R. Piccinelli, T. Pietrangelo; 13th International Congress on Sport Sciences (ICSSRI 2022), Iran, 7-9 Marzo **2022**
- c 24. "Fast Quantitative LC-MS/MS Determination of Illicit substances in Solid and Liquid Unknown Seized Samples"; A. Tartaglia, G.M. Merone, S. Rossi, F. Santavenere, E. Bassotti, C. D'Ovidio, M. Bonelli, E. Rosato, U. de Grazia, F. Savini, **M. Locatelli**; Workshop Le indagini forensi ed il contributo della spettrometria di massa, Rome (Italy), 25 Marzo **2022**
- c 25. "Fast LC-MS/MS screening method for the evaluation of drugs, illicit drugs, and other compounds in cadaveric samples"; A.M. Catena, E. Rosato, M. Bonelli, A. Tartaglia, F. Savini, G.M. Merone, P. Del Boccio, **M. Locatelli**, C. D'Ovidio; 45th National Congress of the Italian Society of Forensic Medicine and Insurance (SIMLA), Bari (Italy), 26-28 May **2022**
- c 26. "A novel FPSE-HPLC method for the analysis of seven antidepressant in postmortem matrices"; E. Rosato, M. Bonelli, A. Tartaglia, S. Covone, A. Catena, **M. Locatelli**, C. D'Ovidio; 45th National Congress of the Italian Society of Forensic Medicine and Insurance (SIMLA), Bari (Italy), 26-28 May **2022**
- c 27. "New perspectives in the thanatochronological field of skeletal muscle stem cells"; M. Bonelli, R. Demontis, T. Pietrangelo, C. Santangelo, E. Rosato, A. Catena, A. Tartaglia, **M. Locatelli**, C. D'Ovidio; 45th National Congress of the Italian Society of Forensic Medicine and Insurance (SIMLA), Bari (Italy), 26-28 May **2022**
- c 28. "Determination of anions in postmortem samples for forensic evaluation"; C. D'Ovidio, E. Rosato, M. Bonelli, A. Tartaglia, M. Colasante, A. Catena, **M. Locatelli**; 45th National Congress of the Italian Society of Forensic Medicine and Insurance (SIMLA), Bari (Italy), 26-28 May **2022**
- c 29. "Development of a new functional material for accurate determination of cancer drugs, anastrozole and letrozole"; S. Ulusoy, **M. Locatelli**, A. Tartaglia, A. Kabir, H.I. Ulusoy; 5th International Conference on Physical Chemistry & Functional Materials (PCFM'22), Sivas(Turkey), 23-25 June **2022**
- c 30. "Easy Applicable Approaches for Sensitive Analysis for Drug Molecules"; H.İ. Ulusoy, **M. Locatelli**, A. Kabir, S. Ulusoy; 21st International ICS Chemistry Congress, Azarbaijan Shahid Madani University, 26-28 July **2022**
- c 31. "Development of A Chromatography-Based Sensitive Method for Monitoring Antidepressant Drug Residues In Urine Samples"; H.I. Ulusoy, E. Şahin, U. Morgül, S. Ulusoy, **M. Locatelli**, A. Kabir, 10th National Analytical Chemistry Conference, Muğla, Turkey, 7-11 September **2022**

EXCHANGES AND INTERNATIONAL RELATIONSHIPS WITH LECTURES MADE DURING THE STAY

From 09/19/2010 to 09/25/2010 hosted by the Faculty of Pharmacy of the Complutense University of Madrid (Spain) as "teaching staff" as part of the international exchange program for Socrates / Erasmus 2010 teachers. The following Lectures were performed: "Development

and Validation of Analytical Assay for Drugs and Metabolites in Biological Matrices"; M. Locatelli; Complutense University of Madrid, Faculty of Pharmacy, Spain, 19-25 September 2010; "Analytical method for chemical physics characterization for novel synthetic molecules"; M. Locatelli; Complutense University of Madrid, Faculty of Pharmacy, Spain, 19-25 September 2010

From 09/18/2011 to 09/25/2011 hosted by the Faculty of Pharmacy of the University of Seville (Spain) as "teaching staff" as part of the international exchange program for Socrates / Erasmus 2011 teachers. The following Lectures have been carried out: "Development and Validation of analytical methods for drugs and metabolites in complex matrices"; M. Locatelli; University of Seville, Faculty of Pharmacy, Spain, 18-25 September 2011; "Analytical method for synthetic chemical entities characterization and drug impurities determination"; M. Locatelli; University of Seville, Faculty of Pharmacy, Spain, 18-25 September 2011

POSTER COMMUNICATIONS TO NATIONAL AND INTERNATIONAL CONGRESS

- p 1. "Oral bioavailability and dose-proportionality of crystalline glucosamine sulfate in man"; S. Persiani, L.C. Rovati, V. Foschini, G. Giacobelli, **M. Locatelli**, A. Roda; 2004 ACR/ARHP ANNUAL SCIENTIFIC MEETING, San Antonio, Texas, USA, 17-21 Ottobre **2004**
- p 2. "The pharmacokinetics of oral crystalline glucosamine sulfate in man support its mechanism of action and clinical effects"; S. Persiani, L.C. Rovati, V. Foschini, G. Giacobelli, **M. Locatelli**, A. Roda; OARSI, 9th World Congress Chicago, IL, USA, 02-05 Dicembre **2004**
- p 3. "The pharmacokinetics of oral crystalline glucosamine sulfate in man support its mechanism of action and clinical effects"; S. Persiani, L.C. Rovati, G. Giacobelli, **M. Locatelli**, A. Roda; ECCEO5, Fifth European Congress on Clinical and Economic Aspects of Osteoporosis and Osteoarthritis, Roma, Italia, 16-19 Marzo **2005**
- p 4. "Glucosamine plasma and synovial fluid concentration before and after oral administration of crystalline glucosamine sulfate in man"; S. Persiani, R. Rotini, L.C. Rovati, **M. Locatelli**, A. Roda; EULAR 2005, Annual European Congress of Rheumatology, Vienna, Austria, 08-11 Giugno **2005**
- p 5. "Glucosamine plasma and synovial fluid concentration before and after oral administration of crystalline glucosamine sulfate in man"; S. Persiani, R. Rotini, G. Trisolino, L.C. Rovati, **M. Locatelli**, A. Roda; PharmSciFair 2005, Pharmaceutical Sciences Fair & Exhibition, Nice, Francia, 12-17 Giugno **2005**;
- p 6. "The Fetus-Maternal Circulation of Bile Acids in Cholestasis of Pregnancy: Preliminary Data"; F. Azzaroli, E. Baglivo, **M. Locatelli**, V. Feletti, P. Simoni, G. Santarsiero, F. Lodato, M. Montagnani, A. Colecchia, D. Festi, E. Roda, A. Roda, G. Mazzella.; Reunion Week End, University of Yale, Yale, Connecticut, 01-03 Aprile **2005**
- p 7. "Glucosamine plasma and synovial fluid concentration before and after oral administration of crystalline glucosamine sulfate in knee osteoarthritis Patients"; S. Persiani, R. Rotini, G. Trisolino, L. Delliponti, L.C. Rovati, **M. Locatelli**, A. Roda; 2005 ACR/ARHP ANNUAL SCIENTIFIC MEETING, San Diego, California, USA, 12-17 Novembre **2005**
- p 8. "Correlazione materno-fetale degli acidi biliari in corso di colestasi gravidica"; E. Baglivo, F. Azzaroli, **M. Locatelli**, V. Feletti, P. Simoni, G. Santarsiero, M. Franchina, F. Lodato, M. Montagnani, A. Colecchia, D. Festi, E. Roda, A. Roda, G. Mazzella; 81° Congresso Nazionale SIGO (46° Congresso AOGOI - 13° Congresso AGUI), Bologna, Italia, 20-24 Settembre **2005**
- p 9. "Sviluppo di un metodo HPLC-ESI-MS/MS idoneo per la determinazione di impurezze e metaboliti in vivo di un nuovo farmaco: l'acido 3 α , 7 α -diidrossi, 6 α -etil colanico"; **M. Locatelli**, M. Guardigli, P. Nanni, R. Pellicciari, B.M. Sadeghpour, S. Fiorucci, A. Roda; XIX Congresso di Chimica analitica, Università degli Studi di Cagliari, Centro Polaris, Pula (Sardegna), Italia, 11-15 Settembre **2005**
- p 10. "The foetal-maternal circulation of bile acids and bilirubin: effects of cholestasis and ursodeoxycholic acid administration"; E. Baglivo, F. Azzaroli, M. Montagnani, V. Feletti, P. Simoni, **M. Locatelli**, D. De Aloysio, G. Pelusi, F. Lodato, D. Festi, A. Colecchia, E. Roda, A. Roda, G. Mazzella; 41° Annual Meeting of the European Association for the study of the Liver, Vienna, Austria, 26-30 Aprile **2006**
- p 11. "Glucosamine plasma and synovial fluid concentration before and after oral administration of crystalline glucosamine sulfate in knee osteoarthritis Patients"; S. Persiani, R. Rotini, G. Trisolino, D. Paganini, L.C. Rovati, **M. Locatelli**, A. Roda; ECCEO6, Vienna, Austria, 15-18 Marzo **2006**
- p 12. "Sviluppo e validazione di un metodo HPLC-ESI-MS/MS per la determinazione di glucosamina in plasma umano"; **M. Locatelli**, A. Roda, P. Nanni, M. Guardigli, L.C. Rovati, S. Persiani; XXII Congresso Nazionale della Società Chimica Italiana (SCI2006), Firenze, Italia, 10-15 Settembre **2006**
- p 13. "The foetal-maternal circulation of bile acids and bilirubin: effects of cholestasis and ursodeoxycholic acid administration"; F. Azzaroli, E. Baglivo, M. Montagnani, V. Feletti, P. Simoni, **M. Locatelli**, D. De Aloysio, G. Pelusi, F. Lodato, D. Festi, A. Colecchia, A. Roda, E. Roda, G. Mazzella; XIX International Bile Acid Meeting; Bile Acids: Biological Actions and Clinical Relevance, Konzerthaus, Friburgo, Germania, 6-7 Ottobre **2006**
- p 14. "Sviluppo e validazione di un metodo HPLC-ESI-MS/MS per la determinazione dell'acido 5-aminosalicilico (5-ASA) e dell'acido N-acetil-5-aminosalicilico, suo metabolita principale, in campioni di plasma umano"; **M. Locatelli**, E. Pastorini, P. Simoni, G. Roda, E. Roda, A. Roda; XX Congresso Nazionale di Chimica Analitica (SCI2007), S. Martino al Cimino (Viterbo), Italia, 16-20 Settembre **2007**

- p 15. "Liquid Chromatography-tandem mass spectrometry method for determination of 5-aminosalicylic (5-ASA) acid and its major metabolite N-acetyl-5-aminosalicylic acid in human plasma samples"; E. Pastorini, **M. Locatelli**, P. Simoni, G. Roda, E. Roda, A. Roda; 12th International meeting on recent developments in pharmaceutical analysis (RDPA2007), Isola D'Elba, Italia, 23-26 Settembre 2007
- p 16. "Pharmacokinetics of glucosamine in man after oral administration of crystalline glucosamine sulfate or glucosamine hydrochloride alone or in combination with chondroitin sulfate"; S. Persiani, L.C. Rovati, E. Pastorini, **M. Locatelli**, G. Giacobelli, D. Paganini, A. Roda; OARSI, Ft. Lauderdale, FL, USA, 06-09 Dicembre 2007
- p 17. "Liquid chromatography-tandem mass spectrometry method for determination of 5-aminosalicylic acid (5-ASA) and its major metabolite N-acetyl-5-asa in human plasma samples"; E. Pastorini, **M. Locatelli**, P. Simoni, G. Roda, E. Roda, A. Roda; 5th MS-Pharmaday 2008, Verona, 27-29 Ottobre 2008
- p 18. "Development and validation of a HPLC-ESI-MS/MS method for the determination of 5-aminosalicylic acid (5-ASA) and its major metabolite N-acetyl-5-aminosalicylic acid in human plasma"; E. Pastorini, **M. Locatelli**, P. Simoni, G. Roda, S. Vecchiotti, A. Roda; Workshop "Spettrometria di massa quantitativa, tecniche di imaging e di screening per la determinazione di proteine e farmaci", Roma, Italia, 4-5 Dicembre 2008
- p 19. "Comparison of different sorbents for the simultaneous SPE of eight NSAIDs from human plasma coupled with HPLC"; G. Carlucci, M. D'Ercole, L. Di Federico, P. Iuliani, **M. Locatelli**; XXIII Congresso Nazionale della Società Chimica Italiana, Sorrento, Italia, 5-10 Luglio 2009
- p 20. "Preliminary HPLC-UV/Vis study for the quantification of 4'-geranyloxyferulic acid, a new natural colon cancer chemopreventive agent, in complex matrices"; S. Genovese, **M. Locatelli**, M. Curini, F. Epifano, G. Carlucci; 13th International meeting on recent developments in pharmaceutical analysis (RDPA2009), Milano, Italia, 9-12 Settembre 2009
- p 21. "Comparison of three different extraction methods and HPLC determination of anthraquinones, aloe-emodine, emodine, rheine, chrysophanol and physcione, in bark of *Rhamnus alpinus*"; **M. Locatelli**, F. Tamaro, L. Menghini, L. Leporini, G. Carlucci, L. Di Federico, F. Epifano, S. Genovese; Sezioni Toscana Umbria Marche Abruzzo, XXVIII Congresso Interregionale TUMA 2009, Tirrenia (Pisa), 20-22 Settembre 2009
- p 22. "Dati preliminari sulla contaminazione da idrocarburi di origine naturale in acque dell'appennino abruzzese"; R. Petaccia, S. Rusi, L. Di Federico, **M. Locatelli**, G. Carlucci; Sezioni Toscana Umbria Marche Abruzzo, XXVIII Congresso Interregionale TUMA 2009, Tirrenia (Pisa), 20-22 Settembre 2009
- p 23. "HPLC determination of anthraquinones, aloe-emodine, emodine, rheine, chrysophanol and physcione, in bark of *Rhamnus alpinus*: comparison of three different extraction methods"; S. Genovese, F. Tamaro, L. Menghini, G. Carlucci, F. Epifano, **M. Locatelli**; XVIII Italo-Latinoamerican Congress of Etnomedicine SILAE 2009, La Habana, Cuba, 14-18 Settembre 2009
- p 24. "Selettività nelle separazioni in fase inversa: influenza del tipo di solvente, fase mobile e pH nella separazione di antinfiammatori non steroidei"; L. Di Federico, P. Iuliani, M. Carlucci, **M. Locatelli**, G. Carlucci; 9° SAYCS, Pesaro, 12-14 Ottobre 2009
- p 25. "Studio preliminare di quantificazione in matrici complesse mediante HPLC-UV/Vis dell'acido 4'-geranilossiferulico, un nuovo agente chemopreventivo del cancro del colon"; F. Epifano, S. Genovese, G. Carlucci, M. Curini, **M. Locatelli**; Fitomed 2010, Cagliari, Italia, 23-26 Giugno 2010
- p 26. "Profilo quantitativo degli antrachinoni e chemical fingerprint della specie *Rhamnus saxatilis* L."; **M. Locatelli**, D. Kremer, F. Tamaro, L. Menghini, G. Carlucci, L. Di Federico, F. Epifano, S. Genovese; Fitomed 2010, Cagliari, Italia, 23-26 Giugno 2010
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- p 51. "Studio sull'interazione tra Glutazione e Morfolina"; N. Allocati, M. Masulli, **M. Locatelli**, G. Carlucci, C. Di Ilio; 41° Congresso Nazionale Della Società Italiana Di Microbiologia, Rimini, 13-16 Ottobre **2013**
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- p 67. "Asphodeline Roots As A New Source Of Natural Compounds: Evaluation Of Antioxidants, Enzyme Inhibitors, And Chemical Composition"; G. Zengin, **M. Locatelli**, L. Malatesta, R. Ceylan, A. Aktumsek; XXV Congresso della Divisione di Chimica Analitica, Trieste, 13-17 Settembre **2015**
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- p 71. "Detection and characterization of *Lactobacillus reuteri* DSM 17938 Membrane Vesicles (MVs) from biofilm and planktonic phenotypes"; R. Grande, C. Celia, G. Mincione, A. Stringaro, L. Di Marzio, M.C. Di Marcantonio, M. Colone, **M. Locatelli**, L. Savino, C. Prosperi, L. Hall-Stoodley, P. Stoodley; Biofilms7 meeting, Porto (Spain), 26-28 Giugno **2016**
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- p 98. "Study of the kinetic release of an active compound from electrospun polymeric membranes"; P. Bruni, F. Maroni, A. Tartaglia, **M. Locatelli**, F. Croce; EUPOC 2019, Como (Italia), 12-16 Maggio **2019**
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- p 100. "FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine"; A. Tartaglia, **M. Locatelli**, K.G. Furton, E. Sperandio, S. Ulusoy, H.I. Ulusoy, A. Kabir; 48th International Symposium on High-Performance Liquid Phase Separations and Related Techniques (HPLC 2019), University of Milano-Bicocca, Milano (Italia), 16-20 Giugno **2019**
- p 101. "Study of the release kinetics of active compounds from electrospun polymeric membranes"; P. Bruni, F. Maroni, A. Tartaglia, **M. Locatelli**, F. Croce; Electrospin 2019, Shanghai (Cina), 18-21 Giugno **2019**
- p 102. "Comparison between Exhaustive and Equilibrium Extraction: SPE and FPSE Media"; **M. Locatelli**, A. Tartaglia, K.G. Furton, F. Maroni, P. Bruni, F. Croce, H.I. Ulusoy, V. Samanidou, A. Kabir; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 Settembre **2019**
- p 103. "Simultaneous quantification of Gemcitabine and Irinotecan hydrochloride in rat plasma alone and in association by HPLC-PDA"; **M. Locatelli**, A. Tartaglia, V. Ferrone, D. Cosco, D. Paolino, F. Cilurzo, N. Costa, M. Fresta, L. Di Marzio, G. Carlucci, C. Celia; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 Settembre **2019**
- p 104. "Thallium, a polluting metal of new generation: its voltammetric determination in herbal medicine"; D. Melucci, S. Casolari, **M. Locatelli**, C. Locatelli; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 Settembre **2019**
- p 105. "Development of analytical method for determination of parabens at trace level in cosmetic samples"; S. Gülle, H.I. Ulusoy, A. Kabir, **M. Locatelli**, K.G. Furton; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 Settembre **2019**
- p 106. "Development of analytical method for sensitive determination of antibiotic residues in milk samples"; B. Sürücü, H.I. Ulusoy, A.G. Canli, **M. Locatelli**, A. Kabir; Euroanalysis XX Conference 2019, Istanbul University, Istanbul (Turchia), 01-05 Settembre **2019**
- p 107. "Analysis of "Sangiovese" red wine using different analytical methods"; V. Ferrone, A. Tartaglia, **M. Locatelli**, L. Forcucci, D. Paolino, A. Sobolev, L. Mannina, S. Cesa, P. Morozzi, F. de Laurentiis, D. Melucci, C. Locatelli, G. Carlucci; Recent Developments in Pharmaceutical Analysis – RDPA 2019, ex Aurum, Pescara (Italy), 08-11 Settembre **2019**
- p 108. "HPLC-PDA method for the simultaneous determination of eperisone hydrochloride, paracetamol, and their metabolites in mouse urine samples"; V. Ferrone, A. Tartaglia, **M. Locatelli**, L. Di Marzio, C. Celia, M. Fresta, G. Carlucci; Recent Developments in Pharmaceutical Analysis – RDPA 2019, ex Aurum, Pescara (Italy), 08-11 Settembre **2019**

- p 109. "Ammonium glycyrrhizinate loaded ultradeformable liposomes as potential topical anti-inflammatory agent in nutraceuticals"; F. Cilurzo, A. Barone, **M. Locatelli**, L. Di Marzio, C.A. Ventura, M. Fresta, C. Celia, D. Paolino; Recent Developments in Pharmaceutical Analysis – RDPA 2019, ex Aurum, Pescara (Italy), 08-11 Settembre **2019**
- p 110. "Comparison between exhaustive and equilibrium extraction using different SPE sorbents and SOL-GEL Carbowax 20M coated FPSE media"; A. Tartaglia, A. Kabir, K.G. Furton, D. Macerola, E. Sperandio, S. Piccolantonio, H.I. Ulusoy, F. Maroni, P. Bruni, F. Croce, V.F. Samanidou, **M. Locatelli**; XXVIII Congress of the Analytical Chemistry Division, Bari (Italy), 22-26 Settembre **2019**
- p 111. "FPSE-HPLC-PDA analysis of seven parabens residues in human whole blood, plasma, and urine"; A. Tartaglia, A. Kabir, S. Ulusoy, E. Sperandio, S. Piccolantonio, H.I. Ulusoy, K.G. Furton, **M. Locatelli**; XXVIII Congress of the Analytical Chemistry Division, Bari (Italy), 22-26 Settembre **2019**
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- p 113. "Simultaneous determination of Eperisone hydrochloride, Paracetamol, and their metabolites in mouse urine samples using HPLC-PDA"; V. Ferrone, A. Tartaglia, **M. Locatelli**, L. Di Marzio, C. Celia, M. Fresta, G. Carlucci, G. Carlucci; XXVIII Congress of the Analytical Chemistry Division, Bari (Italy), 22-26 Settembre **2019**
- p 114. "Optimization by response surface methodology of a dispersive magnetic solid phase extraction exploiting magnetic graphene nanocomposite coupled with UHPLC-PDA for simultaneous determination of new oral anticoagulants (NOAs) in human plasma"; V. Ferrone, A. Tartaglia, **M. Locatelli**, M. Carlucci, A. Fontana, E. Milanetti, G. Carlucci; XXVIII Congress of the Analytical Chemistry Division, Bari (Italy), 22-26 Settembre **2019**
- p 115. "Chemometrics combined with untargeted mass spectrometry for the study of Saffron adulterations"; A. Zappi, D. Garbini, C. Faenza, D. Melucci, C.M. Tavilla, A. Tartaglia, **M. Locatelli**; 6th MS Food day, Camerino (Italy), 25-27 Settembre, **2019**
- p 116. "Quantification of Eperisone hydrochloride, Paracetamol, and their metabolites in biofluid"; V. Ferrone, A. Tartaglia, **M. Locatelli**, L. Di Marzio, F. Cilurzo, M. Fresta, G. Carlucci; 1st International Northern-Southern Europe Workshop in Nanomedicine, Chieti (Italy), 15-17 Gennaio **2020**
- p 117. "Evaluation of entrapment efficiency of Gemcitabine Hydrochloride and Irinotecan Hydrochloride in PLA Nanoreservoir by High-Performance Liquid Chromatography"; M. Fresta; D. Cosco; N. Costa; **M. Locatelli**; A. Tartaglia; 1st International Northern-Southern Europe Workshop in Nanomedicine, Chieti (Italy), 15-17 Gennaio **2020**
- p 118. "Analisi di etanolo in campioni post-mortem di sangue e umor vitreo"; **M. Locatelli**, A. Tartaglia, L. Coccia, D. Palestini, C. D'Ovidio, U. de Grazia, L. Tarquini, S. Rossi, F. Santavenere, G. M. Merone, F. Savini; 19° Congresso Nazionale SITOX, Bologna (Italy), 11-12 Febbraio **2020**
- p 119. "Estrazione innovativa applicata a diversi antitumorali in matrici biologiche"; F. Savini, **M. Locatelli**, A. Tartaglia, A. Kabir, K.G. Furton, C. D'Ovidio, U. de Grazia; 19° Congresso Nazionale SITOX, Bologna (Italy), 11-12 Febbraio **2020**
- p 120. "Analisi di sette parabeni in diverse matrici biologiche"; **M. Locatelli**, A. Tartaglia, A. Kabir, K.G. Furton, C. D'Ovidio, U. de Grazia, S. Rossi, F. Savini; 19° Congresso Nazionale SITOX, Bologna (Italy), 11-12 Febbraio **2020**
- p 121. "Sintesi, caratterizzazione e applicazione di nuovi polimeri a stampo molecolare"; **M. Locatelli**, A. Tartaglia, A. Kabir, K.G. Furton, C. D'Ovidio, U. de Grazia, G. M. Merone, F. Savini; 19° Congresso Nazionale SITOX, Bologna (Italy), 11-12 Febbraio **2020**
- p 122. "Tecnica di estrazione innovativa applicata a residui di filtri UV in sangue intero, plasma ed urine"; A. Tartaglia, A. Kabir, K.G. Furton, C. D'Ovidio, U. de Grazia, F. Savini, L. Tarquini, **M. Locatelli**; 19° Congresso Nazionale SITOX, Bologna (Italy), 11-12 Febbraio **2020**
- p 123. "Confronto tra estrazione esaustiva ed equilibrata utilizzando diversi materiali per l'estrazione in fase solida e l'estrazione su tessuto"; A. Tartaglia, A. Kabir, K.G. Furton, C. D'Ovidio, U. de Grazia, F. Savini, F. Santavenere, **M. Locatelli**; 19° Congresso Nazionale SITOX, Bologna (Italy), 11-12 Febbraio **2020**
- p 124. "*Asphodeline taxa*: potential sources of natural-functional ingredients for bioactive formulations"; Tartaglia A.; Zengin G.; Aktumsek A.; Di Marzio L.; Celia C.; Cilurzo F.; Iannotta D.; **Locatelli M.**; Nanoinnovation 2020 conference & exhibition, Rome (Italy), 15-18 Settembre **2020**
- p 125. "FPSE-HPLC-PDA analysis of seven paraben residues in human whole blood, plasma, and urine"; **M. Locatelli**, A. Tartaglia, H.I. Ulusoy, C. D'Ovidio, E. Rosato, M. Bonelli, K.G. Furton, A. Kabir; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 Marzo **2021**
- p 126. "FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine"; A. Tartaglia, **M. Locatelli**, C. D'Ovidio, E. Rosato, M. Bonelli, K.G. Furton, A. Kabir; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 Marzo **2021**
- p 127. "FPSE-HPLC-PDA method for the determination of inflammatory bowel disease treatment drugs in whole blood, plasma, and urine"; A. Kabir, K.G. Furton, C. D'Ovidio, E. Rosato, M. Bonelli, A. Tartaglia, **M. Locatelli**; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 Marzo **2021**

- p 128. "FPSE Method for Sensitive Analysis of Venlafaxine Molecules in Urine Samples"; U. Morgul, B. Ozdemir, H.I. Ulusoy, **M. Locatelli**, S. Ulusoy, A. Tartaglia, A. Kabir; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 Marzo **2021**
- p 129. "Trace Sibutramine Determination in Herbal Slimming Products"; H.I. Ulusoy, O. Demir, S. Ulusoy, **M. Locatelli**, A. Kabir; 1st European Sample Preparation e-Conference organized by the EuChemS-DAC Sample Preparation Study Group and Network, 11-12 Marzo **2021**
- p 130. "Thallium, a polluting metal of new generation: its voltammetric and spectroscopic determination in herbal medicine"; C. Locatelli, D. Melucci, F. De Laurentiis, S. Casolari, A. Zappi, **M. Locatelli**. XVII Italian-Hungarian Symposium on Spectroscopy, Torino (Italy), 15-19 Giugno **2020**
- p 131. "Development of fabric phase sorptive extraction method for determination of azinphos-methyl and chlorfenvisfos pesticides before HPLC-DAD analysis"; M. Sattari Dabbagh, H.I. Ulusoy, U. Morgul, A. Tartaglia, A. Kabir, **M. Locatelli**; International Symposium on Pharmaceutical Sciences (ISOPS), 22-25 Giugno **2021**
- p 132. "FPSE-HPLC-PDA determination of UV filters in biological matrices"; **M. Locatelli**, A. Tartaglia, C. D'Ovidio, E. Rosato, M. Bonelli, K.G. Furton, A. Kabir, XXVII Congresso Nazionale della Società Chimica Italiana SCI2021, 14-23 Settembre **2021**
- p 133. "Aloe spp.: phenolics and anthraquinones chemical profiles in different plant extracts", **M. Locatelli**, A. Mollica, V. Ferrone, A. Stefanucci, G. Carlucci, E. Rosato, A. Tartaglia, XXVII Congresso Nazionale della Società Chimica Italiana SCI2021, 14-23 Settembre **2021**
- p 134. "Biofluid sampler: A new gateway for mail-in-analysis of whole blood samples", A. Tartaglia, H.I. Ulusoy, S. Ulusoy, F. Savini, S. Rossi, F. Santavenere, G.M. Merone, E. Bassotti, C. D'Ovidio, M. Bonelli, E. Rosato, K.G. Furton, A. Kabir, **M. Locatelli**, XXVII Congresso Nazionale della Società Chimica Italiana SCI2021, 14-23 Settembre **2021**
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- p 137. "Evaluation of Stability in Plasma Samples of Several Anti-inflammatory Drugs with Gofa and Tyrosol", V. Ferrone, S. Fiorito, L. Palumbo, M. Locatelli, A. Tartaglia, G. Carlucci, RDPA 2021, 5-8 Settembre **2021**
- p 138. "FPSE-HPLC-PDA determination of UV filters compounds from cosmetic products in biological matrices"; **M. Locatelli**, A. Tartaglia, C. D'Ovidio, E. Rosato, M. Bonelli, K.G. Furton, A. Kabir; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), organized by the EuChemS-DAC Sample Preparation Study Group and Network. Poster presentation for 2nd European Sample Preparation e-Conference (EuSP2022), 14-16 March, **2022**.
- p 139. "Fast Quantitative LC-MS/MS Determination of Illicit substances in Solid and Liquid Unknown Seized Sample"; A. Tartaglia, G.M. Merone, S. Rossi, F. Santavenere, E. Bassotti, C. D'Ovidio, M. Bonelli, E. Rosato, U. de Grazia, F. Savini, **M. Locatelli**; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), organized by the EuChemS-DAC Sample Preparation Study Group and Network. Poster presentation for 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), 14-16 March, **2022**.
- p 140. "Biofluid sampler: A New Gateway for Mail-in-Analysis of Whole Blood Samples"; A. Tartaglia, H.I. Ulusoy, S. Ulusoy, F. Savini, S. Rossi, F. Santavenere, G.M. Merone, E. Bassotti, C. D'Ovidio, M. Bonelli, E. Rosato, K.G. Furton, A. Kabir, **M. Locatelli**; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), organized by the EuChemS-DAC Sample Preparation Study Group and Network. Poster presentation for 2nd European Sample Preparation e-Conference (EuSP2022), 14-16 March, **2022**.
- p 141. "FPSE-HPLC-DAD method for the quantification of anticancer drugs in human whole blood, plasma and urine"; E. Rosato, N. Tinari, A. Grassadonia, A. Tartaglia, D. Macerola, S. Piccolantonio, E. Sperandio, C. D'Ovidio, S. Carradori, H.I. Ulusoy, K.G. Furton, A. Kabir, **M. Locatelli**; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), organized by the EuChemS-DAC Sample Preparation Study Group and Network. Poster presentation for 2nd European Sample Preparation e-Conference (EuSP2022), 14-16 March, **2022**.
- p 142. "Development of Sensitive Analytical Methodology for Gemcitabine based on HPLC-DAD after Magnetic Solid Phase Extraction"; Ü. Polat, H.I. Ulusoy, N.B. Alamdardar, S. Ulusoy, A. Kabir, **M. Locatelli**; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), organized by the EuChemS-DAC Sample Preparation Study Group and Network. Poster presentation for 2nd European Sample Preparation e-Conference (EuSP2022), 14-16 March, **2022**.
- p 143. "Determination of Phenobarbital at Trace Levels in Urine Samples by using Magnetic Solid Phase Extraction"; E. Durgun, H.I. Ulusoy, S. Kilit, Ü. Polat, A. Gürbüzler, A. Tartaglia, **M. Locatelli**, A. Kabir; 2nd European Sample Preparation e-Conference (EuSP2022) and the 1st Green and Sustainable Analytical Chemistry e-Conference (GSAC2022), organized by the EuChemS-

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- p 144.** "Fast LC-MS/MS confirmation assay for the determination of 17 drugs of abuse in oral fluid"; U. de Grazia, G.M. Merone, E. Bassotti, A. D'Urso, P. Dossetto, F. Savini, D. Palestini, E. Rosato, C. D'Ovidio, M. Bonelli A. Tartaglia, **M. Locatelli**; Workshop Le indagini forensi ed il contributo della spettrometria di massa, Rome (Italy), 25 Marzo **2022**
- p 145.** "Fast LC-MS/MS screening method for the evaluation of drugs, illicit drugs, and other compounds in biological matrices"; E. Rosato, G.M. Merone, A. Tartaglia, S. Rossi, F. Santavenere, E. Bassotti, C. D'Ovidio, U. de Grazia, **M. Locatelli**, P. Del Boccio, F. Savini; Workshop Le indagini forensi ed il contributo della spettrometria di massa, Rome (Italy), 25 Marzo **2022**
- p 146.** "Fast LC-MS/MS method for the simultaneous determination of phytocannabinoids in oily based preparations"; A. Tartaglia, G.M. Merone, S. Rossi, F. Santavenere, E. Bassotti, C. D'Ovidio, M. Bonelli, E. Rosato, U. de Grazia, **M. Locatelli**, F. Savini; Workshop Le indagini forensi ed il contributo della spettrometria di massa, Rome (Italy), 25 Marzo **2022**
- p 147.** "Capparis Spinosa L.: an important medicinal food plant"; **M. Locatelli**, E. Rosato, M. Bonelli, C. D'Ovidio, H. Saleem, V. Ferrone, G. Carlucci, A. Tartaglia, XXIX Congresso della Divisione di Chimica Analitica, Milazzo (ME), 11-15 September, **2022**.
- p 148.** "Fast LC-MS/MS method for the determination of phytocannabinoids in oily based preparations"; E. Rosato, F. Savini, G.M. Merone, A. Tartaglia, E. Bassotti, C. D'Ovidio, M. Bonelli, U. de Grazia, A. Zanardo, **M. Locatelli**, XXIX Congresso della Divisione di Chimica Analitica, Milazzo (ME), 11-15 September, **2022**.
- p 149.** "Determination of anions in postmortem samples for forensic evaluation"; E. Rosato, C. D'Ovidio, M. Bonelli, F. Savini, G.M. Merone, A. Tartaglia, M. Colasante, A. Catena, **M. Locatelli**, XXIX Congresso della Divisione di Chimica Analitica, Milazzo (ME), 11-15 September, **2022**.
- p 150.** "Fabric phase sorptive extraction (FPSE) as an efficient sample preparation platform for the extraction of antidepressant drugs in biological fluids"; A. Tartaglia, S. Covone, E. Rosato, M. Bonelli, F. Savini, K.G. Furton, I. Gazioglu, C. D'Ovidio, A. Kabir, **M. Locatelli**, XXIX Congresso della Divisione di Chimica Analitica, Milazzo (ME), 11-15 September, **2022**.
- p 151.** "Simultaneous determination of polyphenolic compounds in grapes supplements by high performance liquid chromatography-photodiode array detector"; A. Tartaglia, E. Rosato, M. Bonelli, F. Savini, C. D'Ovidio, R. Antonucci, F. Ruggieri, V. Ferrone, G. Carlucci, **M. Locatelli**, XXIX Congresso della Divisione di Chimica Analitica, Milazzo (ME), 11-15 September, **2022**.
- p 152.** "A new LC-MS/MS screening method for the determination of a group of 739 illicit drugs, and other compounds in biological matrices"; E. Bassotti, M.R.I. Innarella, E. Rosato, G. Merone, A. Tartaglia, S. Rossi, F. Santavenere, C. D'Ovidio, U. De Grazia, **M. Locatelli**, P. Del Boccio, F. Savini, 54 Congresso Nazionale SIBioC 2022, Genova (GE), 5-7 October, **2022**.
- p 153.** "Simultaneous determination of phytocannabinoids in oily based preparations by a new fast LC-MS/MS method"; E. Bassotti, M.R. Innarella, A. Tartaglia, G. Merone, S. Rossi, F. Santavenere, C. D'Ovidio, M. Bonelli, E. Rosato, U. De Grazia, **M. Locatelli**, F. Savini, A. Zanardo, 54 Congresso Nazionale SIBioC 2022, Genova (GE), 5-7 October, **2022**.
- p 154.** "Application of Magnetic Solid Phase Extraction for Citalopram and Amitriptyline Residues in Biological Samples"; E. Durgun, H.I. Ulusoy, **M. Locatelli**, A. Kabir, 10th National Analytical Chemistry Conference, Muğla, Turkey, 7-11 September **2022**