

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome e Cognome

EMANUELA MAZZON

ESPERIENZA LAVORATIVA

- Data
- Tipo di qualifica

DA 01 GIUGNO 2024 AD OGGI

PROFESSORE ASSOCIATO (L. 240/10)

Università degli Studi "G. d'Annunzio" CHIETI-PESCARA

DIPARTIMENTO DI TECNOLOGIE INNOVATIVE IN MEDICINA & ODONTOIATRIA

Settore SSD Settore MEDS-26/A

Incarichi didattici:

- TL31C11D - SCIENZE TECNICHE DI CITOPATOLOGIA - DIAGNOSTIC TECHNIQUES IN CYTOPATHOLOGY
- TL22B555E - SCIENZE TECNICHE DI IMMUNOEMATOLOGIA - IMMUNOHEMATOLOGY TECHNIQUES
- Scuola di specializzazione in "Patologia Clinica e biochimica clinica" per non medici

- Data
- Tipo di qualifica

DA 31 GENNAIO 2022

Abilitazione II fascia (Professore Associato) settore Scientifico disciplinare 05/H2 - ISTOLOGIA

- Data
- Tipo di qualifica

DAL 11/07/2021 AL 25/08/2022

DIRETTORE SCIENTIFICO FACENTE FUNZIONE (NOMINA CON DELIBERA N° 481 DEL 15/07/2021, PRESA ATTO DI DISPOSIZIONE N° 8096 DEL 09/07/2021

- Data
- Tipo di qualifica

DAL 11/01/2021 AL 31/05/2024

Componente della Task force per l'IRCCS Centro Neurolesi Bonino Pulejo per la verifica e l'implementazione del piano di vaccinazione regionale per la somministrazione del vaccino c.d. "anti Covid"

- Data
- Tipo di qualifica

DA DICEMBRE 2019

Abilitazione I fascia (Professore Ordinario) settore Scientifico disciplinare 05/H2 - ISTOLOGIA

- Data
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego

DA SETTEMBRE 2018

IRCCS Centro Neurolesi Bonino-Pulejo.

Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina

Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze

Titolare di WP in progetto Europeo dal titolo: Super-sensitive detection of Alzheimer's disease biomarkers in plasma by an innovative droplet split-and-stack approach

Project Acronym: SensApp

Project number: 829104

- Data
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego

DAL 28 MARZO 2018 AD 10 LUGLIO 2021

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze
Vice-Direttore Scientifico

- Data
- Tipo di impiego

DAL 2015 AL 31/05/2024

Coordinatore scientifico del progetto di Rete di Telepatologia oncologica regione Sicilia.

- Data
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego

DAL 2014 AL 31/05/2024

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze
Responsabile dello stabulario e dell'organismo preposto al benessere degli animali

- Data
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

DAL 21/10/2013 AL 31/05/2024

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze
Dirigente Biologo
Responsabile del laboratorio afferente alla linea di ricerca in "Neuroimmunologia-Neurologia Sperimentale-Biologia Molecolare" - Linea 3.
Ricerca di base: sperimentazione preclinica *in vivo* su animali di piccola taglia (topi e ratti) e *in vivo* su colture cellulari. Indagini ultrastrutturali con applicazione di tecniche di immunostochimica finalizzate all'immunolocalizzazione ed immunotipizzazione dei principali markers neuroinfiammatori e neuroimmunomodulatori.

Responsabile per la gestione di campioni biologici relativi ai seguenti trials clinici:
Studio PROTEC – "A Multicenter, Open-Label Study Evaluating the Effectiveness of Oral Tecfidera™ (Dimethyl Fumarate) on MS Disease Activity and Patient-Reported Outcomes in Subjects with Relapsing-Remitting Multiple Sclerosis in the Real-World Setting" – 109-MS-408. (2014).
Fase IV
Sponsor: Biogen
Ruolo: Co-investigator

Studio ENHANCE - "A Multicenter, Randomized, Double Blind, Placebo Controlled Study to Assess the Long-Term Efficacy and Safety of Prolonged Release Fampridine (BIIB041) 10 mg, Administered Twice Daily in Subjects with Multiple Sclerosis" – 218-MS-305 (2015)
Fase III
Sponsor: Biogen
Ruolo: Co-investigator

Studio AMBLED – "A Multi-centre, Double-blind, Randomised, Placebo-controlled, Parallel-arm Phase IIa Trial to Evaluate the Efficacy, Safety and Tolerability of 28-Day Oral Treatment with PXT002331 in Reducing Motor Complications of Levodopa Therapy in Parkinson's Disease Patients Experiencing End-of-Dose Wearing Off and Levodopa-Induced Dyskinesia" - PXT-CL17-001 (2018)
Fase III
Sponsor: Prexton
Ruolo: Co-investigator

Studio TREAT_CCM– "A multicenter randomized clinical trial on Propranolol in Cerebral Cavernous Malformation"

Fase II
Promotore: IFOM
Ruolo: Co-investigator

Studio ABBVIE- "A 52-Week, open-label, single-arm study to evaluate the safety and tolerability of 24-hourly exposure of continuous subcutaneous infusion of ABBV-951 in subjects with Parkinson's disease" - M15-741

Fase III
Sponsor: AbbVie
Ruolo: Co-investigator

Studio Evolution RMS 1 - "Studio di fase III, multicentrico, randomizzato, a gruppi paralleli, in doppio cieco, con doppia simulazione, controllato con sostanza attiva per la valutazione dell'efficacia e della sicurezza di evobrutinib rispetto a teriflunomide in partecipanti con sclerosi multipla recidivante." - MS200527_0080.

Fase III
Sponsor: Merck
Ruolo: Co-investigator

Studio dal titolo: "Over-espressione di beta-catenina nelle cellule T: verso la scoperta di nuovi meccanismi e possibili nuovi target per la terapia della sclerosi laterale amiotrofica". (2013).

Studio Analitico-Osservazionale
Promotore: IRCCS Centro Neurolesi Bonino-Pulejo
Ruolo: Principal Investigator

Studio dal titolo: "Valutazione dell'espressione del recettore NK/NCR1 in cellule natural killer isolate da prelievo ematico di pazienti con sclerosi multipla (relapsing-remitting)". (2013).

Studio Analitico-Osservazionale
Promotore: IRCCS Centro Neurolesi Bonino-Puleo
Ruolo: Principal Investigator

Studio SensApp - "Super-sensitive detection of Alzheimer's disease biomarkers in plasma by an innovative droplet split-and-stack approach". (Anno 2017).

Studio Osservazionale
Promotore: IRCCS Centro Neurolesi Bonino-Pulejo
Ruolo: Principal Investigator

Studio CEFAT - "Aspetti clinico-strumentali del trattamento non farmacologico delle cefalee primarie e dei dolori facciali atipici".

Studio Osservazionale
Promotore: IRCCS Centro Neurolesi Bonino-Pulejo
Ruolo: Co-investigator

Studio COVID-IgG/IgM - "Determinazione di IgG/IgM per COVID-19 da sangue in soggetti sintomatici ed asintomatici".

Studio Osservazionale
Promotore: IRCCS Centro Neurolesi Bonino-Pulejo
Ruolo: Principal Investigator

Dal 01/04/2013 al 20/10/2013

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze

Contratto di ricerca

Responsabile del laboratorio afferente alla linea di ricerca in "Neuroimmunologia-Neurologia Sperimentale-Biologia Molecolare" - Linea 3.

- Data
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- Tipo di impiego
- Principali mansioni e responsabilità

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- Nome e indirizzo del datore di lavoro

Dal 2012 al 30/01/2013

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze
Contratto di ricerca
Responsabile del laboratorio afferente alla linea di ricerca in "Neuroimmunologia–Neurologia Sperimentale–Biologia Molecolare" - Linea 3.

Dal 2009 al 2011

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze
Contratto di ricerca
Progetto di ricerca "Nuovi target farmacologici per il trattamento della reazione infiammatoria post-traumatica associata a danno midollare".

DAL 2006 AL 2008

IRCCS Centro Neurolesi Bonino-Pulejo.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Istituto di Ricovero e Cura a Carattere Scientifico. Settore: Neuroscienze
Contratto di ricerca
Progetto di ricerca "Infiammazione intestinale cronica, permeabilità intestinale, determinanti genetici e trattamenti farmacologici".

DAL 2004 AL 2005

Centro per lo studio ed il trattamento dei neurolesi lungodegenti.
Via Prov.le Palermo, S.S.113, Contrada Casazza, 98124 Messina
Settore: Neuroscienze
Borsa di studio di ricerca
Svolgimento di progetti di ricerca su modelli di trauma midollare.

2003

Azienda di Rilievo Nazionale e di Alta Specializzazione (ARNAS) Garibaldi di Catania.
Piazza Santa Maria Del Gesù, 5, 95124 Catania. Dipartimento di malattie Endocrinologiche e del Metabolismo
Azienda Ospedaliera
Collaborazione
Valutazione immunoistochimica di oncosoppressori in lesioni tiroidee in uno studio multicentrico.

2003

Spedali Civili di Brescia.
Piazzale Spedali Civili, 1, 25123 Brescia
Azienda Ospedaliera
Supporto
Attività di ricerca connessa al progetto "IST KAI".
Call identifier 1999/1/1 – Proposal n.10100 EDISCIM
Titolo: "Early diagnosis of skin cancer using confocal imaging".

ANNO ACCADEMICO 2002-2003

Università di Messina

lavoro

- Tipo di impiego

Nominata culture della materia in "Istologia ed Embriologia" a tempo indeterminato per l'insegnamento di Istologia per la Facoltà di Medicina e Chirurgia dell'Università degli Studi di Messina.

ISTRUZIONE E FORMAZIONE

Data

- Nome e tipo di istituto di istruzione o formazione

- Principali materie / abilità professionali oggetto dello studio
- Qualifica conseguita

2000-2002

Università degli Studi di Messina. Dipartimento di Biomorfologia.

Studi sperimentali volti alla prosecuzione ed all'approfondimento delle tematiche precedentemente trattate nel triennio di dottorato.

Post-doc in Scienze Morfometriche.

- Data

- Nome e tipo di istituto di istruzione o formazione

- Principali materie / abilità professionali oggetto dello studio

- Qualifica conseguita

1997-2000

Università degli Studi di Messina. Dipartimento di Biomorfologia.

Studi su proteine di giunzione. Il 18/02/2000 ha acquisito il titolo di Dottore di ricerca discutendo la tesi dal titolo "Le giunzioni occludenti dell'intestino tenue: modificazioni della loro permeabilità in un modello di colite sperimentale."

Dottore di Ricerca in scienze morfologiche.

- Data

- Nome e tipo di istituto di istruzione o formazione

- Principali materie / abilità professionali oggetto dello studio

1/7/1996

laboratorio della dott.ssa Sandra Citi, Dipartimento di Biologia, Università di Padova in collaborazione con il Dipartimento di Biologia Molecolare dell'università di Ginevra.

Borsa di studio dell'Unione Europea, contratto BIOMED2 PL95 0090 per una ricerca su "Espressione cellulare di proteine giunzionali".

- Data

- Qualifica conseguita

MARZO 1995

Iscrizione all'Albo Nazionale dei Biologi (numero di iscrizione albo: 043286).

- Data

- Qualifica conseguita

NOVEMBRE 1994

Esame di stato per il conseguimento dell'abilitazione alla professione di Biologo

- Data

- Nome e tipo di istituto di istruzione o formazione

- Principali materie / abilità professionali oggetto dello studio

- Qualifica conseguita

- Livello nella classificazione nazionale

1987-1993

Università degli Studi di Padova. Facoltà di Scienze Biologiche

Biologia della vita. Tesi sperimentale dal titolo: "Alterazioni ultrastrutturali della membrana basale glomerulare in corso di nefropatia diabetica sperimentale".

Laureata in Scienze Biologiche

Votazione: 97/110.

CAPACITÀ E COMPETENZE PERSONALI

MADRELINGUA

ITALIANO

ALTRA LINGUA

Autovalutazione

Livello europeo ()*

Comprensione		Parlato		Scritto
Ascolto	Lettura	Interazione orale	Produzione orale	

Inglese

B1	Utente autonomo	B1	Utente autonomo	B1	Utente autonomo	B1	Utente autonomo	B2	Utente autonomo
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(*) Quadro comune europeo di riferimento per le lingue

Francese

Comprensione				Parlato				Scritto	
Ascolto		Lettura		Interazione orale		Produzione orale			
B1	Utente autonomo	B1	Utente autonomo	B1	Utente autonomo	B1	Utente autonomo	B2	Utente autonomo

CAPACITÀ E COMPETENZE ORGANIZZATIVE E RELAZIONALI

Ottime le capacità organizzative e relazionali. Capacità di vivere e lavorare con altre persone. Spirito di gruppo associato a capacità di coordinamento, riuscendo a definire priorità ed assumendo responsabilità. Grande attitudine al lavoro con determinazione, dedizione ed impegno, rispettando le scadenze e gli obiettivi prefissati.

CAPACITÀ E COMPETENZE TECNICHE

Con computer, attrezzature specifiche, macchinari, ecc.

Nel corso degli anni, frequentando i diversi laboratori di ricerca, ha acquisito esperienze dirette nelle seguenti metodiche:

- processazione di campioni biologici per inclusioni in paraffina e in resine epossidiche;
- uso di microtomo, ultramicrotomo e criostato;
- uso di lama di diamante per sezioni ultrafini;
- uso di microscopio ottico a fluorescenza ed a interferenza di fase;
- uso di microscopio elettronico a trasmissione ed a scansione;
- esperienza di criofrattura;
- esperienza di tecniche di ibridizzazione *in situ*;
- esperienza d'immunofluorescenza su sezioni istologiche e su monostrati cellulari;
- esperienza di colture cellulari di linee epiteliali e tumorali;
- esperienza di fusioni tra linee cellulari diverse;
- esperienza di produzione di anticorpi poli- e monoclonali contro proteine di giunzione stretta
- tecniche di biologia molecolare ed in particolare: northern blot, western blot, gel elettroforetici di agarosio e poliacrilammide, trasfezioni cellulari con plasmidi;
- conoscenza di tecniche per la perfusione in vivo di organi con traccianti elettrondensi;
- uso di analizzatore di immagine "IBAS KONTRON".

CAPACITÀ E COMPETENZE INFORMATICHE

Utilizzo del pacchetto Office, in particolar modo Word e Power Point.

ULTERIORI INFORMAZIONI

Brevetto europeo: Titolo: "A COMPOSITION COMPRISING GLUCORAPHANIN, MYROSINASE AND A BUFFERED SOLUTION FOR USE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES" Proprietari: Bramanti Placido, Mazzon Emanuela, Iori Renato Data di pubblicazione: 07/03/2018 Numero internazionale identificativo: PCT/EP2013/071706 Numero di pubblicazione internazionale: WO 214/060509 (24.04.2014 gazzetta 2014/17) Numero di patent europeo: EP 2 908 850 B1 Stati designati contraenti: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

GRANT

- Bando Ricerca finalizzata RF-2024-12379274 "Technological Innovation in Osteoarthritis: Therapeutic Magnetic Resonance and Telemedicine for Personalized and continuous monitoring".
- PNRR-POC-2022-12376049 "A composition comprising glucoraphanin, myrosinase and a buffered solution for use in the treatment of neurodegenerative diseases".

PUBBLICAZIONI

Della Rocca Y, Konstantinidou F, Marconi GD, Mazzone A, Gatta V, Stuppia L, Cavalcanti MFXB, Mazzon E, Szymanski R, Trubiani O, Diomedea F, Pizzicannella J. MiRNAs profile of extracellular vesicles from differentiated endothelial cells treated with chemical environmental pollutant BPA. *Sci Rep.* 2025, 15(1):40191. doi: 10.1038/s41598-025-23894-z.

Gugliandolo A, Chiricosta L, Cali G, Rollin P, Perenzoni D, Iori R, Mazzon E, D'Angiolini S. α -Cyclodextrin/Moringin Impacts Actin Cytoskeleton Dynamics with Potential Implications for Synaptic Organization: A Preliminary Transcriptomic Study in NSC-34 Motor Neurons. *Int J Mol Sci.* 2025, 26(17):8220. doi: 10.3390/ijms26178220.

Lui M, Chiricosta L, Iori R, Mazzon E, Minuti A, Artimagnella O. Computational Splicing Analysis of Transcriptomic Data Reveals Sulforaphane Modulation of Alternative mRNA Splicing of DNA Repair Genes in Differentiated SH-SY5Y Neurons. *Int J Mol Sci.* 2025, 26(17):8187. doi: 10.3390/ijms26178187.

Razis AFA, Kamal RM, De Nicola GR, Montaut S, Perimal EK, Ahmad H, Rollin P, Rigaud S, Mazzon E, Djedaini-Pilard F. Cardio- and neuroprotective effects by pretreatment of dietary moringin from Moringa oleifera seeds and α -CD/moringin formulation in a rat model of isoproterenol-induced myocardial infarction. *J Nutr Sci.* 2025, 14:e62. doi: 10.1017/jns.2025.10035.

Muscarà C, Gugliandolo A, Mazzon E, Cali G. Glucosinolate Metabolites and Brain Health: An Updated Review on Their Potential Benefits in Neurodegenerative, Neurodevelopmental, and Psychiatric Disorders. *Antioxidants (Basel).* 2025, 14(7):818. doi: 10.3390/antiox14070818.

Silvestro S, Calabrò M, Trainito A, Salamone S, Pollastro F, Mazzon E, Minuti A. Cannabinol's Modulation of Genes Involved in Oxidative Stress Response and Neuronal Plasticity: A Transcriptomic Analysis. *Antioxidants (Basel).* 2025, 14(6):744. doi: 10.3390/antiox14060744.

Lui M, Salamone S, Pollastro F, Mazzon E, Artimagnella O. Cannabinerol Restores mRNA Splicing Defects Induced by β -Amyloid in an In Vitro Model of Alzheimer's Disease: A Transcriptomic Study. *Int J Mol Sci.* 2025, 26(7):3113. doi: 10.3390/ijms26073113.

Voi EL, Garofano M, Gugliandolo A, Bramanti P, Calabrese M, Bibbò L, Fimiani G, Senatore M, Corallo F, Mazzon E, Bramanti A. The Association of C-Mill With Traditional Physical Therapy Rehabilitation in a Multiple Sclerosis Patient: A Case Report. *Transl Med UniSa.* 2024, 26(2):138-144. doi: 10.37825/2239-9747.1061.

Minuti A, Mazzon E, Iori R, Chiricosta L, Artimagnella O.
Bioactivated Glucoraphanin Improves Cell Survival, Upregulating Phospho-AKT, and Modulates Genes Involved in DNA Repair in an In Vitro Alzheimer's Disease Model: A Network-Transcriptomic Analysis.
Nutrients. 2024, 16(23):4202. doi: 10.3390/nu16234202.

Minuti A, Trainito A, Gugliandolo A, Anchesi I, Chiricosta L, Iori R, Mazzon E, Calabrò M.
Bioactivated Glucoraphanin Modulates Genes Involved in Necroptosis on Motor-Neuron-like NSC-34: A Transcriptomic Study.
Antioxidants (Basel). 2024, 13(9):1111. doi: 10.3390/antiox13091111.

Trainito A, Muscarà C, Gugliandolo A, Chiricosta L, Salamone S, Pollastro F, Mazzon E, D'Angiolini S.
Cannabinol (CBN) Influences the Ion Channels and Synaptic-Related Genes in NSC-34 Cell Line: A Transcriptomic Study.
Cells. 2024, 13(18):1573. doi: 10.3390/cells13181573.

Cipriano GL, Mazzon E, Anchesi I.
Estrogen Receptors: A New Frontier in Alzheimer's Disease Therapy.
Int J Mol Sci. 2024, 25(16):9077. doi: 10.3390/ijms25169077.

Gugliandolo A, Cali G, Muscarà C, Artimagnella O, Rollin P, Perenzoni D, Iori R, Mazzon E, Chiricosta L.
 α -Cyclodextrin/Moringin Induces an Antioxidant Transcriptional Response Activating Nrf2 in Differentiated NSC-34 Motor Neurons.
Antioxidants (Basel). 2024, 13(7):813. doi: 10.3390/antiox13070813.

Micali G, Corallo F, Pagano M, Giambò FM, Duca A, D'Aleo P, Anselmo A, Bramanti A, Garofano M, Mazzon E, Bramanti P, Cappadona I.
Artificial Intelligence and Heart-Brain Connections: A Narrative Review on Algorithms Utilization in Clinical Practice.
Healthcare (Basel). 2024, 12(14):1380. doi: 10.3390/healthcare12141380.

Trainito A, Gugliandolo A, Chiricosta L, Salamone S, Pollastro F, Mazzon E, Lui M.
Cannabinol Regulates the Expression of Cell Cycle-Associated Genes in Motor Neuron-like NSC-34: A Transcriptomic Analysis.
Biomedicines. 2024, 12(6):1340. doi: 10.3390/biomedicines12061340.

Chiricosta L, Minuti A, Gugliandolo A, Salamone S, Pollastro F, Mazzon E, Artimagnella O.
Cannabinol Prevents Endoplasmic Reticulum and Mitochondria Dysfunctions in an In Vitro Model of Alzheimer's Disease: A Network-Based Transcriptomic Analysis.
Cells. 2024, 13(12):1012. doi: 10.3390/cells13121012.

Calabrò M, Lui M, Mazzon E, D'Angiolini S.
In Silico Analysis Highlights Potential Predictive Indicators Associated with Secondary Progressive Multiple Sclerosis.
Int J Mol Sci. 2024, 25(6):3374. doi: 10.3390/ijms25063374.

Silvestro S, Raffaele I, Quartarone A, Mazzon E.
Innovative Insights into Traumatic Brain Injuries: Biomarkers and New Pharmacological Targets.
Int J Mol Sci. 2024, 25(4):2372. doi: 10.3390/ijms25042372.

Cipriano GL, Schepici G, Mazzon E, Anchesi I.
Multiple Sclerosis: Roles of miRNA, lncRNA, and circRNA and Their Implications in Cellular Pathways.
Int J Mol Sci. 2024, 25(4):2255. doi: 10.3390/ijms25042255.

D'Angiolini S, Lui M, Mazzon E, Calabrò M.
Network Analysis Performed on Transcriptomes of Parkinson's Disease Patients Reveals Dysfunction in Protein Translation.
Int J Mol Sci. 2024, 25(2):1299. doi: 10.3390/ijms25021299.

Artimagnella O, Mazzon E, Salamone S, Pollastro F, Gugliandolo A, Chiricosta L.

- Cannabinol (CBNR) Influences Synaptic Genes Associated with Cytoskeleton and Ion Channels in NSC-34 Cell Line: A Transcriptomic Study.
Biomedicines. 2024, 12(1):189. doi: 10.3390/biomedicines12010189.
- Silvestro S, Raffaele I, Mazzon E.
Modulating Stress Proteins in Response to Therapeutic Interventions for Parkinson's Disease.
Int J Mol Sci. 2023, 24(22):16233. doi: 10.3390/ijms242216233.
- Anchesi I, Schepici G, Mazzon E.
LncRNAs and CircRNAs as Strategies against Pathological Conditions Caused by a Hypoxic/Anoxic State.
Biomolecules. 2023, 13(11):1622. doi: 10.3390/biom13111622.
- Chiricosta L, D'Angiolini S, Gugliandolo A, Salamone S, Pollastro F, Mazzon E.
Transcriptomic Profiling after In Vitro $\Delta 8$ -THC Exposure Shows Cytoskeletal Remodeling in Trauma-Injured NSC-34 Cell Line.
Pharmaceuticals (Basel). 2023, 16(9):1268. doi: 10.3390/ph16091268.
- D'Angiolini S, Basile MS, Mazzon E, Gugliandolo A.
In Silico Analysis Reveals the Modulation of Ion Transmembrane Transporters in the Cerebellum of Alzheimer's Disease Patients.
Int J Mol Sci. 2023, 24(18):13924. doi: 10.3390/ijms241813924.
- Gugliandolo, A., Blando, S., Salamone, S., Pollastro, F., Mazzon, E., D'Angiolini, S.
Transcriptome Highlights Cannabinol Modulation of Mitophagy in a Parkinson's Disease In Vitro Model
Biomolecules. 2023, 13(8):1163. doi: 10.3390/biom13081163, Article.
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