

## **CURRICULUM VITAE GABRIELLA MINCIONE**

### Work Address:

Department of Innovative Technologies in Medicine and Dentistry  
School of Medicine and Health Sciences  
"G. d'Annunzio" University of Chieti-Pescara  
Via Vestini, 31  
66013 Chieti, Italy.  
Phone: 0871-3554117  
e-mail: gabriella.mincione@unich.it

### Researcher unique identifiers:

- ORCID: <https://orcid.org/0000-0001-7127-0938>
- Researcher ID: <https://www.webofscience.com/wos/author/record/778221>
- Google Scholar: <https://scholar.google.it/citations?user=933PjpkAAAAJ&hl=it>

Nationality: Italian

URL for web site: <https://www.unich.it/ugov/person/1550>

### Home Address:

Via Pier Paolo Pasolini, n ° 1  
65123, Pescara  
Tel. 085/72793

Tax code: MNCGRL66C52A488D

## **BIOGRAPHY**

Born in Atri (TE), 12/03/1966; conjugated; two daughters.

## **EDUCATION**

-1991 qualification to practice as a Biologist, University of L'Aquila, L'Aquila, Italy.

-1990 Post-graduated practical training at the Division of Haematology - Pescara Hospital.

-1990 Master's Degree in Biology *cum laude* University of L'Aquila, L'Aquila, Italy. Thesis dissertation in Cytology title "Do brain peroxisomes play a role in myelinogenesis?", under the supervision of Prof. M. Paola Cerù.

-1985 High School Diploma in Science at public high school "Leonardo da Vinci", Pescara, Italy.

## **ACADEMIC CAREER**

-2018 to date Associate Professor of Experimental Medicine and Pathophysiology (MED/04; 06/A2 - Experimental Medicine, Pathophysiology and Clinical Pathology).

-2003-2004 Confirmation as Researcher.

-2000-2001 Winner of the competition based on qualifications and tests for the role of Researcher (Scientific Sector F04A General Pathology) at the Department of Oncology and Neuroscience, Faculty of Medicine, "G. d'Annunzio" University Chieti-Pescara.

-1999-2000 Winner of a Research Scholarship on "The role of growth factors in the control of neoplastic proliferation," at the Department of Oncology and Neuroscience, Faculty of Medicine, University "G. d'Annunzio" University Chieti-Pescara.

-1998-1999 Winner of post-doctoral research Scholarship at the Department of Oncology and Neuroscience, Faculty of Medicine, "G. d'Annunzio" University Chieti-Pescara, under the supervision of G. Colletta.

-1995-1998 Winner of three-years fellowship from the Italian Association for Cancer Research for a research project entitled "Role of EGF-like growth factors and their receptors in the mechanisms of neoplastic transformation of thyroid cells" at the Department of Oncology and Neuroscience, Faculty of Medicine, University "G. d'Annunzio" University Chieti-Pescara.

1990-1994-Post-graduated Research Training in Experimental Medicine and Diploma of Doctor of Philosophy with a dissertation titled "Effects of transforming Growth Factor  $\beta$  on normal and transformed thyroid cells" (Ph.D.), University "La Sapienza", Rome.

**Assignment of research appointments in Universities and highly qualified foreign and international research institutions:**

-1997 Winner of YY-UICC Scholarship (Union Internationale Contre le Cancer, Yamagiwa-Yoshida Memorial International Cancer Study Grant) at the Laboratory of Tumor Immunology and Biology, National Institute of Health in Bethesda, National Cancer Institute (NCI), Maryland, USA.

Scientific advisor Dr. David Salomon (May-August 1997).

-1993-1994 Winner of Scholarship International Cancer Technology Transfer (ICRETT) of the Union Internationale Contre le Cancer (UICC), at the Laboratory of Tumor Immunology and Biology at the National Institute of Health in Bethesda, National Cancer Institute (NCI), Maryland, USA.

Scientific advisor Dr. David Salomon (January-May 1994).

-1993 Winner of the European School of Oncology Scholarship, directed by Prof. Veronesi Course titled: Growth Factors (Cytokines): from Basic Science to the Clinic.

Venice, Italy, 19th-21st October, 1993.

## **TEACHING ACTIVITY**

### **Assignment of teaching appointments in foreign Universities:**

- 2008, 2011 and 2012 Holder of lectures, University of Huelva, Master Course in Nursing. Topic: Cuidado terapeutico en proceso oncologicos, Spain, Lifelong Learning Programme Erasmus, Teaching Staff Mobility.

### **Teaching activities at "G. d'Annunzio" University Chieti-Pescara**

- 2014-2020 Professor of Clinical Pathology and member of the examination board, 1<sup>st</sup> Cycle Degree in Biomedical Laboratory Technician.

- Since 2007 Professor of General Pathology and member of the examination board, 1<sup>st</sup> Cycle Degree in Sanitary Assistance.

- Since 2005 Holder of elective Course Activities for students at the third year of the Single Cycle Degree 6 years in Medicine and Surgery.

- Since 2003-2004 Supervisor for the third-year students training of Single Cycle Degree 6 years in Medicine and Surgery.

- Since 2001 Professor of General Pathology and member of the examination board, 1<sup>st</sup> Cycle Degree in Nursing.

- Since 2001 Professor of General Pathology and member of the examination board, 1<sup>st</sup> Cycle Degree in Techniques in Medical Radiology, Images and Radiotherapy.

- Since 2001 Professor of General Pathology and member of the examination board, Single Cycle Degree 6 years in Medicine and Surgery.

- Since 2001 Thesis Supervisor for the Single Cycle Degree 6 years in Medicine and Surgery; Single Cycle Degree 5 years in Chemistry and Pharmaceutical Technologies and in Pharmacy; 1<sup>st</sup> Cycle Degree in Nursing, Biomedical Laboratory Technician UdA, Italy.

- 2<sup>nd</sup> Cycle Degree/2 year Master in Health Biology, University "Alma mater studiorum" Bologna.

### **Teaching Activity in Specialization Course, G. d'Annunzio" University Chieti-Pescara**

- Lecturer in General Pathology and Immunopathology, Specialization Course in Nephrology.
- Lecturer in General Pathology, Specialization Course in Clinical Pathology.
- Lecturer in Clinical Pathology, Specialization Course in Ophthalmology, in Surgery, in Internal Medicine.

### **INSTITUTIONAL RESPONSIBILITIES** School of Medicine and Health Sciences, G. d'Annunzio" University Chieti-Pescara.

- Since 2018 *President of 1<sup>st</sup> Cycle Degree in Nursing.*
- 2013-2014, 2015-2016 *Member of Professors and Students Joint Commission.*
- 2016-2018 *President of Professors and Students Joint Commission.*
- Since 2016 *Coordinator of the Advanced Course in Clinical Tutor for Healthcare Professions.*
- Since 2013 *Member of Curriculum Commission of Single Cycle Degree 6 years in Medicine and Surgery.*
  
- 2012-2013, 2014-2015, 2016-2017 *Organizing Committee Member of the Master Course in Nursing Emergency.*
- 2001-2018 *Member of Curriculum Commission, 1<sup>st</sup> Cycle Degree in Nursing.*

### **REVIEWING ACTIVITIES**

- 2021 *Topic Editor, Editorial Board of International Journal of Molecular Sciences - Special Issue "Natural Compounds: A New Strategy to Fight the Spread of Antimicrobial Resistance".*
- 2021 *Reviewer of the project "Discovery of bismuth based antimicrobial agents for tackling antimicrobial resistant Helicobacter pylori" on behalf of the French Research Agency - generic call 2021. 2017 International external reviewer of two PhD thesis as part of the Programa de Doctorado en Ciencias de la Salud Universidad de Huelva, Spain.*
- 2015 *Referee of Research project "Bando di Ateneo per la Ricerca di Base", University of Verona.*
- 2012 *Referee of PRIN project, Bando 2012, PROGETTO DI RICERCA TRIENNALE prot. 20124T735L: "Il microambiente tumorale come bersaglio terapeutico nel cancro della tiroide resistente al radioiodio (RAIR)".*

*Ad hoc reviewer for the following journals: Clinical Science, Cancer Letters, Digestive and Liver Disease, Scientific Reports (Nature Research Journal), Oncology Letters, World Journal of Gastroenterology.*

### **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

- 2016-2018, 2022 *European Association for Cancer Research (EACR)*
- 2016-2017 *Italian Association of Cell Culture (AICC)*
- Since 2016 *Italian Society of Pathology and Translational Medicine (SIPMeT)*
- 2016-2017 *Italian Society of Microbiology*
- Since 2014 *Cultural Association "Universitas-University"*

## PUBLICATIONS (most recent items come first)

Carmelo Moscatello, Maria Carmela Di Marcantonio, Luca Savino, Emira D'Amico, Giordano Spacco, Pasquale Simeone, Paola Lanuti, Raffaella Muraro, **Gabriella Mincione**, Roberto Cotellese, and Gitana Maria Aceto

"Emerging Role of Oxidative Stress on EGFR and OGG1-BER Cross-Regulation: Implications in Thyroid Physiopathology"

**Cells (2022) 11: 822; <https://doi.org/10.3390/cells11050822>**

**IF 6.600**

Luca Savino, Maria Carmela Di Marcantonio, Carmelo Moscatello, Roberto Cotellese, Lucia Centurione, Raffaella Muraro, Gitana Maria Aceto and **Gabriella Mincione**

"Effects of H<sub>2</sub>O<sub>2</sub> Treatment Combined With PI3K Inhibitor and MEK Inhibitor in AGS Cells: Oxidative Stress Outcomes in a Model of Gastric Cancer"

**Front. Oncol. (2022) 12: 860760. doi: 10.3389/fonc.2022.860760**

**IF 6.244**

Piscione M, Mazzone M, Di Marcantonio MC, Muraro R, **Mincione G**

"Eradication of *Helicobacter pylori* and Gastric Cancer: A Controversial Relationship"

**Front Microbiol. (2021) 12: 630852. doi: 10.3389/fmicb.2021.630852**

**IF 5.640**

Francesca Sisto, Simone Carradori, Paolo Guglielmi, Carmen Beatrice Traversi, Mattia Spano, Anatoly P. Sobolev, Daniela Secci, Maria Carmela Di Marcantonio, Entela Haloci, Rossella Grande and **Gabriella Mincione**

"Synthesis and Biological Evaluation of Carvacrol-Based Derivatives as Dual Inhibitors of *H. pylori* Strains and AGS Cell Proliferation"

**Pharmaceuticals (2020) 13: 405; doi:10.3390/ph13110405**

**IF 4.286**

Pecoraro Michela, Pala Barbara, Di Marcantonio Maria Carmela, Muraro Raffaella, Marzocco Stefania, Pinto Aldo, **Mincione Gabriella** and Popolo Ada

"Doxorubicin-induced oxidative and nitrosative stress: mitochondrial connexin 43 is at the crossroads"

**International Journal of Molecular Medicine (2020) 46: 1197-1209. doi 10.3892/ijmm.2020.4669**

**IF 3.098**

Grande Rossella, Sisto Francesca, Puca Valentina, Carradori Simone, Ronci Maurizio, Aceto A, Muraro Raffaella, **Mincione Gabriella**, Scotti L

"Antimicrobial and Antibiofilm Activities of New Synthesized Silver Ultra-NanoClusters (SUNCs) Against *Helicobacter pylori*"

**Frontiers in Microbiology (2020) 11:1705. doi:10.3389/fmicb.2020.01705**

**IF 4.235**

Puca Valentina, Ercolino Eva, Celia Christian, Bologna Giuseppina, Di Marzio L, **Mincione Gabriella**, Marchisio Marco, Miscia Sebastiano, Muraro Raffaella, Lanuti Paola and Grande Rossella

"Detection and Quantification of eDNA-Associated Bacterial Membrane Vesicles by Flow Cytometry".

**International Journal of Molecular Sciences (2019) 25; 20(21). pii: E5307. doi: 10.3390/ijms20215307.**

**IF 4.556**

Valentina Puca, Tonino Traini, Simone Guarnieri, Simone Carradori, Francesca Sisto, Nicola Macchione, Raffaella Muraro, **Gabriella Mincione** and Rossella Grande

"The Antibiofilm Effect of a Medical Device Containing TIAB on Microorganisms Associated with Surgical Site Infection".

**Molecules (2019), 24, 2280; doi:10.3390/molecules24122280**

**IF 3.060**

Maurizio Ronci, Sonia Del Prete, Valentina Puca, Simone Carradori, Vincenzo Carginale, Raffaella Muraro, **Gabriella Mincione**, Antonio Aceto, Francesca Sisto, Claudiu T. Supuran, Rossella Grande, and Clemente Capasso

"Identification and characterization of the a-CA in the outer membrane vesicles produced by *Helicobacter pylori*".

**Journal of Enzyme Inhibition and Medicinal Chemistry (2019), 34:189-195**  
**doi.org/10.1080/14756366.2018.1539716**  
**IF 3.638**

Rosa Paolo, Catacuzzeno Luigi, Sforza Luigi, Mangino Giorgio, Carlomagno Silvia, **Mincione Gabriella**, Petrozza Vincenzo, Ragona Giuseppe, Franciolini Fabio, Calogero Antonella  
"BK channels blockage inhibits hypoxia-induced migration and chemoresistance to cisplatin in human glioblastoma cells".

**Journal of Cellular Physiology (2018) 233(9):6866-6877. doi: 10.1002/jcp.26448.**  
**IF 4.522**

Rosalba Florio, Laura De Lellis, Viviana di Giacomo, Maria Carmela Di Marcantonio, Loredana Cristiano, Mariangela Basile, Fabio Verginelli, Delfina Verzilli, Alessandra Ammazalorso, Sampath Chandra Prasad, Amelia Cataldi, Mario Sanna, Annamaria Cimini, Renato Mariani-Costantini, **Gabriella Mincione**, Alessandro Cama

"Effects of PPAR $\alpha$  inhibition in head and neck paraganglioma cells".  
**PLoS One (2017) 12(6):e0178995. doi: 10.1371/journal.pone.0178995**  
**IF 2.806**

Rossella Grande, Christian Celia, **Gabriella Mincione**, Annarita Stringaro, Luisa Di Marzio, Marisa Colone, Maria Carmela Di Marcantonio, Luca Savino, Valentina Puca, Roberto Santoliquido, Marcello Locatelli, Raffaella Muraro, Luanne Hall-Stoodley, and Paul Stoodley

"Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of *Lactobacillus reuteri* DSM 17938".  
**Frontiers in Microbiology (2017) 8:1040. doi 10.3389/fmicb.2017.01040**  
**IF 4.076**

**Mincione Gabriella**, Di Marcantonio Maria Carmela, Tarantelli Chiara, Savino Luca, Ponti Donatella, Marchisio Marco, Lanuti Paola, Sancilio Silvia, Calogero Antonella, Di Pietro Roberta, and Muraro Raffaella

"Identification of the Zinc finger 216 (ZNF216) in prostate cancer: a potential regulator of EGFR activity".  
**Oncotarget (2016) 7:74947-74965. doi: 10.18632/oncotarget.12509.**  
**IF 5.008**

Grande Rossella, Di Marcantonio Maria Carmela, Robuffo Iole, Celia Christian, Di Marzio Luisa, Paolino Donatella, Codagnone Marilina, Muraro Raffaella, Stoodley Paul, Hall-Stoodley Luanne, and **Mincione Gabriella**

"*Helicobacter pylori* ATCC 43629/NCTC 11639 Outer Membrane Vesicles (OMVs) from Biofilm and Planktonic Phase Associated with Extracellular DNA (eDNA)".  
**Frontiers in Microbiology (2015) 6: 1369. doi: 10.3389/fmicb.2015.01369.**  
**IF 3.920**

**Mincione Gabriella**, Di Nicola Marta, Di Marcantonio Maria Carmela, Muraro Raffaella, Piattelli Adriano, Rubini Corrado, Penitente Enrico, Piccirilli Marcello, Aprile Giuseppe, Perrotti Vittoria, and Artese Luciano

"Nuclear fractal dimension in Oral Squamous Cell Carcinoma OSCC: a novel method for the evaluation of grading, staging and survival".  
**Journal of Oral Pathology & Medicine (2015) 44: 680-684. doi: 10.1111/jop.12280.**  
**IF 1.859**

**Mincione Gabriella**, Tarantelli Chiara, Vianale Giovina, Di Marcantonio Maria Carmela, Cotellese Roberto, Francomano Franco, Di Nicola Marta, Costantini Erica, Cichella Annadomenica, and Muraro Raffaella

"Mutual regulation of TGF- $\beta$ 1, T $\beta$ RII and ErbB receptors expression in human thyroid carcinomas".  
**Experimental Cell Research (2014) 327: 24-36. doi: 10.1016/j.yexcr.2014.06.012**  
**IF 3.246**

Di Carlo Emma, Sorrentino Carlo, Zorzoli Alessia, Di Meo Serena, Tupone Maria Grazia, Ognio Emanuela, **Mincione Gabriella**, and Airoldi Irma

"The antitumor potential of Interleukin-27 in prostate cancer".  
**Oncotarget (2014) 5: 10332-10341. doi: 10.18632/oncotarget.1425.**  
**IF 6.359**

Nicolussi Arianna, D'Inzeo Sonia, **Mincione Gabriella**, Buffone Amelia, Di Marcantonio Maria Carmela, Cotelleso Roberto, Cichella Annadomenica, Capalbo Carlo, Di Gioia Cira, Nardi Francesco, Giannini Giuseppe, and Coppa Anna  
"PRDX1 and PRDX6 are repressed in papillary thyroid carcinomas via BRAF V600E-dependent and -independent mechanisms".  
**International Journal of Oncology (2014) 44(2): 548-56. doi: 10.3892/ijo.2013.2208.**  
**IF 3.025**

**Mincione Gabriella**, Di Marcantonio Maria Carmela, Tarantelli Chiara, D'Inzeo Sonia, Nicolussi Arianna, Nardi Francesco, Donini Caterina Francesca, and Anna Coppa  
"EGF and TGF- $\beta$ 1 effects on thyroid function".  
**Journal of Thyroid Research (2011): 431718. ID 431718. doi:10.4061/2011/431718**

**Mincione Gabriella**, Di Marcantonio Maria Carmela, Artese Luciano, Vianale Giovina, Piccirelli Alessandro, Piccirilli Marcello, Perrotti Vittoria, Rubini Corrado, Piattelli Adriano, and Muraro Raffaella  
"Loss of expression of TGF- $\beta$ 1, T $\beta$ RI and T $\beta$ RII correlates with differentiation in human oral squamous cell carcinomas".  
**International Journal of Oncology (2008) 32: 323-331.**  
**IF 2.234**

Pandolfi Assunta, Solini Anna, Pellegrini Giuliana, **Mincione Gabriella**, Di Silvestre Sara, Chiozzi Paola, Giardinelli Annalisa, Di Marcantonio Maria Carmela, Piccirelli Alessandro, Capani Fabio, and Consoli Agostino  
"Selective insulin-resistance affecting Nitric Oxide release but not PAI-1 synthesis in fibroblasts from Insulin-Resistant individuals".  
**Arteriosclerosis, Thrombosis and Vascular Biology (2005) 25: 2392-2397.**  
**IF 7.053**

Cipollone Francesco, Fazia Maria, **Mincione Gabriella**, Iezzi Annalisa, Pini Barbara, Cuccurullo Chiara, Uchino Sante, Spigonardo Francesco, Di Nisio Marcello, Cuccurullo Franco, Mezzetti Andrea, and Porreca Ettore  
"Increased expression of transforming growth factor- $\beta$ 1 as a stabilizing factor in human atherosclerotic plaques".  
**Stroke (2004) 35: 2253-2257.**  
**IF 5.748**

Baccante Giovanna, **Mincione Gabriella**, Di Marcantonio Maria Carmela, Piccirelli Alessandro, Cuccurullo Franco, and Porreca Ettore  
"Pravastatin up-regulated Transforming Growth Factor- $\beta$ 1 in THP-1 human macrophages: effect on Scavenger Receptor class A expression".  
**Biochemical and Biophysical Research Communications (2004) 314: 704-710.**  
**IF 2.904**

Toniato Elena, Flati Vincenzo, Laglia E, **Mincione Gabriella**, and Martinotti Stefano  
"Genomic organization and cytokine-mediated inducibility of the human TRIM-8/Gerp gene".  
**International Journal Immunopathology Pharmacology (2004) 17(2 Suppl): 71-76.**  
**IF 3.570**

**Mincione Gabriella**, Esposito Diana Liberata, Di Marcantonio Maria Carmela, Piccirelli Alessandro, Cama Alessandro, and Colletta Giulia  
"TGF- $\beta$ 1 modulation of IGF-I signaling pathway in rat thyroid epithelial cells".  
**Experimental Cell Research (2003) 287: 411-423.**  
**IF 3.949**

Baccante Giovanna, **Mincione Gabriella**, Di Febbo Concetta, Coppa Anna, Angelucci Domenico, Lapenna Domenico, Cuccurullo Franco, Colletta Giulia, and Porreca Ettore

“Increased type II transforming growth factor- $\beta$  receptor expression in liver cells during cholesterol challenge”.

**Atherosclerosis (2000) 152: 51-57.**

**IF 3.386**

Lazzereschi Davide, Sambuco Laura, Carnovale Scalzo Caterina, Ranieri Annalisa, **Mincione Gabriella**, Nardi Francesco, and Colletta Giulia

“Cyclin D1 and cyclin E expression in malignant thyroid cells and in human thyroid carcinomas”.

**International Journal of Cancer (1998) 76: 806-811.**

**IF 3.283**

**Mincione Gabriella**, Piccirelli Alessandro, Lazzereschi Davide, Salomon David S., and Colletta Giulia

“Heregulin-dependent autocrine loop regulates growth of K-ras but not erbB-2 transformed rat thyroid epithelial cells”.

**Journal of Cellular Physiology (1998) 176: 383-391.**

**IF 2.704**

Lazzereschi Davide, Ranieri Annalisa, **Mincione Gabriella**, Taccogna Silvia, Nardi Francesco, and Colletta Giulia

“Human malignant thyroid tumors displayed reduced levels of transforming growth factor- $\beta$  receptor type II messenger RNA and protein”.

**Cancer Research (1997) 57: 2071-2076.**

**IF 8.426**

Porreca Ettore, Di Febbo Concetta, **Mincione Gabriella**, Reale Marcella, Baccante Giovanna, Guglielmi Maria Domenica, Cuccurullo Franco, and Colletta Giulia

“Increased transforming growth factor- $\beta$  production and gene expression by peripheral blood monocytes of hypertensive patients”.

**Hypertension (1997) 30 (1 Pt 1): 134-139.**

**IF 4.944**

Coppa Anna, **Mincione Gabriella**, Lazzereschi Davide, Ranieri Annalisa, Turco Alessandra, Lucignano Barbara, Scarpa Susanna, Ragano-Caracciolo Maria, and Colletta Giulia

“Restored expression of transforming growth factor- $\beta$  type II receptor in k-ras-transformed thyroid cells, TGF- $\beta$ -resistant, reverts their malignant phenotype”.

**Journal of Cellular Physiology (1997) 172: 200-208.**

**IF 2.458**

Lazzereschi Davide, Coppa Anna, **Mincione Gabriella**, Lavitrano Marialuisa, Fragomele Francesco, and Colletta Giulia

“The phosphatase inhibitor okadaic acid stimulates the TSH-induced G1-S phase transition in thyroid cells”.

**Experimental Cell Research (1997) 234: 425-433.**

**IF 3.56**

Lazzereschi Davide, **Mincione Gabriella**, Coppa Anna, Ranieri Annalisa, Turco Alessandra, Baccheschi Gianluca, Pelicano S., and Colletta Giulia

“Oncogenes and antioncogenes involved in human thyroid carcinogenesis”.

**Journal of Experimental & Clinical Cancer Research (1997) 16: 325-332.**

**IF 0.232**

Scarpa Susanna, Coppa Anna, Ragano-Caracciolo Maria, **Mincione Gabriella**, Giuffrida Anna, Modesti Andrea, and Colletta Giulia

“Transforming growth factor  $\beta$  regulates differentiation and proliferation of human neuroblastoma”.

**Experimental Cell Research (1996) 229: 147-154.**

**IF 3.567**

**Mincione Gabriella**, Bianco Caterina, Kannan Subha, Colletta Giulia, Ciardiello Fortunato, Sliwkowski Mark, Yarden Yosef, Normanno Nicola, Pramaggiore Alessandra, Kim Nancy, and Salomon David S.

“Enhanced expression of heregulin in c-erb B-2 and c-Ha-ras transformed mouse and human mammary epithelial cells”.

**Journal of Cellular Biochemistry (1996) 60: 437-446.**  
**IF 3.471**

Coppa Anna, **Mincione Gabriella**, Mammarella Sandra, Ranieri Annalisa, and Colletta Giulia  
"Epithelial rat thyroid cell clones, escaping from transforming growth factor- $\beta$  negative growth control, are still inhibited by this factor in the ability to trap iodide".

**Cell Growth and Differentiation (1995) 6: 281-290.**  
**IF 4.179**

Porreca Ettore, Conti Pio, Feliciani Claudio, Di Febbo Concetta, Reale Marcella, **Mincione Gabriella**, Neri Matteo, Amerio Pierluigi, and Cuccurullo Franco

"Cysteinyl-leukotriene D4 induced IL-1  $\beta$  expression and release in rat vascular smooth muscle cells".

**Atherosclerosis (1995) 115: 181-189.**  
**IF 2.889**

Scarpa Susanna, **Mincione Gabriella**, Ragano-Caracciolo Maria, Modesti Andrea, and Colletta Giulia  
"Transforming growth-factor- $\beta$  modulates replication and differentiation markers on a human neuroblastoma cell-line".

**International Journal of Oncology (1994) 5: 547-552.**  
**IF 1.118**

**Mincione Gabriella**, Cirafici Anna Maria, Lazzereschi Davide, Pepe Stefano, Ciardiello Fortunato, and Colletta Giulia

"Loss of thyrotropin regulation and transforming growth factor  $\beta$ -induced growth arrest in erbB-2 overexpressing rat thyroid cells".

**Cancer Research (1993) 53: 5548-5553.**  
**IF 8.649**

Cirafici Anna Maria, Pepe Stefano, **Mincione Gabriella**, Esposito Diana Liberata, and Colletta Giulia  
"TGF- $\beta$  inhibits rat thyroid cell proliferation without alterations in the expression of TSH-induced cell cycle-related genes".

**Biochemical and Biophysical Research Communications (1992) 187: 225-233.**  
**IF 3.583**

#### **Book contribution**

Pasquale Battista, **Gabriella Mincione**, Raffaele Palmirotta.

"Le Poliposi non Adenomatose Familiari"

In: Polipi e Poliposi del colon (2000), Autore principale Francesco Tonelli, Relazione biennale, Collana Monografica della Società Italiana di chirurgia. Edito a cura della Società Italiana di Chirurgia, Roma.

Codice identificativo IT\ICCU\BVE\0226471

#### **Invited speaker**

2019 Plenary meeting speaker: "Precision Medicine as a Treatment Approach", 6<sup>th</sup> International Scientific Conference of "NEW APPROACHES TO IMPROVING HEALTH CARE EDUCATION: TODAY AND TOMORROW", 14-15 November 2019, Riga Medical College of the University of Latvia

2016 Relazione dal titolo "Cross-talk tra il sistema dei recettori ErbB ed il TGF- $\beta$  nel carcinoma orale a cellule squamose". 2° Congresso Italo-Albanese di Patologia Orale, 10-11 giugno 2016, Villa Torlonia, Avezzano (AQ)

## Oral communications

- 2011 "Molecular cross-talk between ErbB receptors and TGF- $\beta$ 1/T $\beta$ RII in thyroid tumors".  
XXXV National Congress of the Italian Society of Endocrinology, Montesilvano (PE)
- 1996 "Resistance to TGF- $\beta$  inhibition of cell growth is associated with a reduction in TGF- $\beta$  type II receptor expression in k-ras transformed thyroid cells".  
XIV Riunione Nazionale di Oncologia Sperimentale e Clinica, Milano
- 1995 "Transforming growth factor- $\beta$  effects on expression of G1 cyclins and cyclin-dependent kinases in rat thyroid cells".  
XIII Riunione Nazionale di Oncologia Sperimentale e Clinica, Verona

## Abstracts: International Meetings

1. Mariani-Costantini Renato, Muraro Raffaella, Bei Roberto, Ficari Ferdinando, Tonelli Francesco, Valli Clara, Fegiz Gianfranco, **Mincione Gabriella**, Caramia Felice Giacomo, and Frati Luigi.  
"Evidence of immune responses to tumor associated antigens in lymph nodes of colon carcinoma patients".  
5<sup>th</sup> International Symposium on Colorectal Cancer.  
Turin, 24-25-26 September 1991, pag. 90.
2. Colletta Giulia, Cirafici Anna Maria, **Mincione Gabriella**, and Esposito Diana Liberata.  
"TGF- $\beta$  effects on rat thyroid cell cycle".  
European Research Conference on Molecular Regulation of Cell Proliferation.  
Boglerhof, Alpbach, Austria, 16-19 June 1992.
3. Coppa Anna, **Mincione Gabriella**, and Colletta Giulia.  
"Loss of TGF- $\beta$ 1-induced growth inhibition is associated with a reduction in type II TGF- $\beta$  receptor in epithelial rat thyroid cells".  
EMBL Conference. Oncogenes and Growth Control.  
Heidelberg, 18-21 April 1994, pag. 48.
4. **Mincione Gabriella**, Coppa Anna, Mammarella Sandra, Ranieri Annalisa, Lazzereschi Davide, Lucignano Barbara, and Colletta Giulia.  
"Different signals mediate TGF- $\beta$  negative growth control and inhibition of iodide uptake in rat thyroid cells".  
Conference on TGF- $\beta$ s: biological mechanisms and clinical applications.  
Bethesda, Maryland (USA), 4-6 May 1994.
5. Coppa Anna, **Mincione Gabriella**, Lazzereschi Davide, Lucignano Barbara, Turco Alessandra, Ragano-Caracciolo Maria, and Colletta Giulia.  
"TGF- $\beta$  activates divergent post-receptor pathways in epithelial rat thyroid cells in culture".  
Endocrinology Society.  
Washington, 14-17 June 1995, pag. 204.
6. Lazzereschi Davide, Coppa Anna, **Mincione Gabriella**, Turco Alessandra, Scarpa Susanna, and Colletta Giulia.  
"Loss of TGF- $\beta$  mediated growth regulation in k-ras transformed thyroid cells is associated with reduced expression of type II TGF- $\beta$  receptor".  
EMBL Conference. Oncogenes and Growth Control.  
Heidelberg, 21-24 April 1996, pag. 75.

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41. Moscatello Carmelo, Cichella Annadomenica, Di Marcantonio Maria Carmela, Savino Luca, Cotelles Roberto, Muraro Raffaella, **Mincione Gabriella**, and Aceto Gitana Maria.  
“Cross-regulation between EGFR and BER pathways in human thyrocytes: role of oxidative stress”  
Young Scientist Meeting SIPMeT “Pathobiology: From Pathogenesis to Translational Medicine”

Milano, Settembre 15-16 2017

42. Savino Luca, Di Marcantonio Maria Carmela, Villani Alessandro, Moscatello Carmelo, Cotellese Roberto, Cichella Annadomenica, Lepore Stefania, Grande Rossella, Centurione Lucia, Aceto Gitana, **Mincione Gabriella**, and Muraro Raffaella.  
“Oxidative Stress in Human Gastric Tumors: molecular interactions between ErbB Receptors and BER pathways”  
Young Scientist Meeting SIPMeT “Pathobiology: From Pathogenesis to Translational Medicine” (*selected also as oral communication*). Milano, 15-16 Settembre 2017
43. Carlomagno Silvia, Bastianelli Daniela, Rosa Paolo, Calogero Antonella, Petrozza V., **Mincione Gabriella**, and Muraro Raffaella.  
“The anti-ErbB3 MP-RM1 monoclonal antibody inhibits migration and invasion of glioblastoma cells in vitro”  
Young Scientist Meeting SIPMeT “Pathobiology: From Pathogenesis to Translational Medicine”  
Milano, 15-16 Settembre 2017
44. Lanuti Paola, Puca Valentina, Bologna Giuseppina, Simeone Pasquale, Ercolino Eva, Sisto Francesca, **Mincione Gabriella**, Muraro Raffaella, Marchisio Marco, Ionata Mariangela, Paul Stoodley, Grande Rossella.  
“Detection and quantification of bacterial membrane vesicles (MVS) by using flow cytometry”  
45° Congresso Nazionale della Società Italiana di Microbiologia  
Genova, 27-30 Settembre 2017
45. Di Marcantonio M.C., Moscatello C., Cichella A., Savino L., Cotellese R., Muraro R., **Mincione G.** and Aceto G.M.  
“The first evidence that oxidative stress induces EGFR and BER pathways cross-regulation in human thyrocytes”  
30<sup>th</sup> Annual Conference of Italian Association of Cell Cultures (AICC)  
Milano, 27-28 Settembre 2017
45. Puca Valentina, Traini Tonino, Guarnieri Simone, Carradori Simone, Sisto Francesca, Maiolini Claudia, Macchione Nicola, **Mincione Gabriella**, and Grande Rossella.  
“Effetto antimicrobico di un dispositivo medico contenente TIAB su microrganismi responsabili di infezioni nel post- chirurgico”.  
XII Congresso Nazionale della Società Italiana di Microbiologia Farmaceutica  
Camerino, 21-22 Giugno 2018
46. Pala Barbara, Pecoraro Michela, Di Marcantonio Maria Carmela, Tiboni Gian Mario, Centurione Lucia, Muraro Raffaella, Popoli Ada, and **Mincione Gabriella**  
“Doxorubicin remedy or harm? Cardiotoxicity and not only...”  
4° Congresso Nazionale SIPMeL, 34° Congresso Nazionale SIPMeT, 4° Congresso dell’Area di Patologia e Medicina di Laboratorio  
PATOLOGIA E MEDICINA DI LABORATORIO 4.0  
Catania, 23-25 Ottobre 2018  
Journal of Biological Regulators & Homeostatic Agents, Vol 32, No (S1), July-August 2018  
ISSN 0393-974X/2017
47. Moscatello Carmelo, Di Marcantonio Maria Carmela, Cichella Anna, Spacco Giordano, **Mincione Gabriella**, Marchetti Antonio, Cotellese Roberto, Muraro Raffaella, and Aceto Gitana Maria.  
“Evaluation of DNA Base Excision Repair and ErbB signaling in euthyroid goiters”  
4° Congresso Nazionale SIPMeL, 34° Congresso Nazionale SIPMeT, 4° Congresso dell’Area di Patologia e Medicina di Laboratorio  
PATOLOGIA E MEDICINA DI LABORATORIO 4.0

Catania, 23-25 Ottobre 2018  
Journal of Biological Regulators & Homeostatic Agents, Vol 32, No (S1), July-August 2018  
ISSN 0393-974X/2017

48. D'Amico Emira, Di Marcantonio Maria Carmela, Moscatello Carmelo, Marinelli Lisa, Ciulla Michele, Centurione Lucia, **Mincione Gabriella**, Di Stefano Antonio, Cotellese Roberto, Muraro Raffaella, and Aceto Gitana Maria.  
"Evaluation of endocrine disruptors, TPHP and DPHP, effect on DNA repair damage pathways in a normal human thyroid cell model"  
4° Congresso Nazionale SIPMeL, 34° Congresso Nazionale SIPMeT, 4° Congresso dell'Area di Patologia e Medicina di Laboratorio  
PATOLOGIA E MEDICINA DI LABORATORIO 4.0  
Catania, 23-25 Ottobre 2018  
Journal of Biological Regulators & Homeostatic Agents, Vol 32, No (S1), July-August 2018  
ISSN 0393-974X-2017
49. Puca Valentina, Traini Tonino, Guarnieri Simone, Grande Rossella, Carradori Simone, Fisto Francesca, Nacchione Nicola, **Mincione Gabriella**, and Muraro Raffaella.  
"The antibiofilm effect of a Medical Device (MD) containing TIAB on microorganism associated with surgical site infection (SSIS)".  
4° Congresso Nazionale SIPMeL, 34° Congresso Nazionale SIPMeT, 4° Congresso dell'Area di Patologia e Medicina di Laboratorio  
PATOLOGIA E MEDICINA DI LABORATORIO 4.0  
Catania, 23-25 Ottobre 2018  
Journal of Biological Regulators & Homeostatic Agents, Vol 32, No (S1), July-August 2018  
ISSN 0393-974X/2017 (Best Poster Award)
50. Lanuti Paola, Puca Valentina, Di Marcantonio Maria Carmela, Bologna Giuseppina, Muraro Raffaella, Badodi Benedetta, Grande Rossella, and **Mincione Gabriella**  
"Detection and quantification of outer membrane vesicles (OMVs) produced by *Helicobacter pylori* in the planktonic and biofilm phenotypes"  
4° Congresso Nazionale SIPMeL, 34° Congresso Nazionale SIPMeT, 4° Congresso dell'Area di Patologia e Medicina di Laboratorio  
PATOLOGIA E MEDICINA DI LABORATORIO 4.0  
Catania, 23-25 Ottobre 2018  
Journal of Biological Regulators & Homeostatic Agents, Vol 32, No (S1), July-August 2018  
ISSN 0393-974X/2017
51. Rosa Paolo, Mangino Giorgio, Fazi F, Masciarelli S, Sciarretta S, **Mincione Gabriella**, Petrozza Vincenzo, Ragona Giuseppe, and Calogero Antonella.  
"The effect of the hypoxic microenvironment on glioblastoma cells: BK channels blockade as a novel strategy to limit drug resistance"  
4° Congresso Nazionale SIPMeL, 34° Congresso Nazionale SIPMeT, 4° Congresso dell'Area di Patologia e Medicina di Laboratorio  
PATOLOGIA E MEDICINA DI LABORATORIO 4.0  
Catania, 23-25 Ottobre 2018  
Journal of Biological Regulators & Homeostatic Agents, Vol 32, No (S1), July-August 2018  
ISSN 0393-974X/2017
52. Di Marcantonio Maria Carmela, D'Amico Emira, Moscatello Carmelo, Spacco Giordano, Centurione Lucia, **Mincione Gabriella**, Cotellese Roberto, Muraro Raffaella, and Aceto Gitana Maria. "Perturbation in signaling of DNA repair and EGF in a normal human thyroid cell model by endocrine disruptors, TPHP". 31<sup>st</sup> Annual Conference of Italian Association of Cell Cultures (AICC). Cell Communication and Signalling, How to turn bad language into positive one. Bologna, 27-28 Novembre 2018
53. Puca Valentina, Ronci Maurizio, Lanuti Paola, Ercolino Eva, Simeone Pasquale, Pagotto Sara, Aceto A, Fabbri Stefania, Muraro Raffaella, Stoodley Paul, Sisto Francesca, **Mincione Gabriella**, and Grande Rossella "Analysis and Biological Characterization of the Outer Membrane Vesicles produced by *Helicobacter pylori* Planktonic and Biofilm Phenotypes". R.

47° Congresso Nazionale della Società Italiana di Microbiologia (SIM). Roma, 18-21 Settembre 2019

54. Puca Valentina, Sisto Francesca, Grande Rossella, Scotti L, Aceto A, Scaltrito MM, Di Girolamo M, Cellucci N, **Mincione Gabriella**, Muraro Raffaella. "Antibiofilm activity of Electrochemically Synthesized Silver Nanoparticles (AgNPs) against *Helicobacter pylori*". Pathobiology: from molecular disease to clinical application – SIPMeT Young Meeting. Firenze, 13-14 Settembre 2019
55. Spacco Giordano, Villani Alessandro, D'amico Emira, Savignani Arianda, D'Amario Lucrezia, Di Marcantonio Maria Carmela, Mazzone Mariangela, Carradori Simone, Muraro Raffaella, and **Mincione Gabriella**. "Effects of carvacrol and its derivatives on ErbB2/ErbB3 expression and signaling pathway in human gastric adenocarcinoma cells". Pathobiology: from molecular disease to clinical application – SIPMeT Young Meeting. Firenze, 13-14 Settembre 2019
56. Contaldo Silvia, Di Marcantonio Maria Carmela, Mazzone Mariangela, Sorino Joana, Falcone Giuseppe, Perrotti Vittoria, Carradori Simone, Lanuti Paola, Muraro Raffaella, **Mincione Gabriella**. "Effects of blueberry bioactive compounds in oral squamous carcinoma cell lines". SIPMeT Young Scientific Meeting Molecular Pathology: from Bench to Bedside. Perugia, 10-11 dicembre 2021

#### **Participation in scientific workshops**

- 1994 Seventh International Institute of Genetics & Biophysics (I.I.G.B.), CNR, Workshop on "Signal Transduction Mechanisms", Capri, Italy.
- 2009 Mediterranean School of Oncology: "Cancer Research: from bench to bedside", Roma.
- 2016 ESMO Symposium on *Signalling Pathways in Cancer* 2016, Focusing on the HER/EGFR family Signalling, Educational session, Sitges, Barcellona, Spain.

*La sottoscritta è consapevole che le dichiarazioni false, la falsità negli atti e l'uso di atti falsi comportano l'applicazione delle sanzioni penali previste dall'Art.76 del D.P.R. 28 dicembre 2000 n.445 e la decadenza dei benefici conseguenti.*

*Inoltre, dichiara di essere in possesso della certificazione e documentazione relative a quanto riportato nel presente CV.*

*Infine, la sottoscritta autorizza il trattamento dei propri dati personali riportati nel presente Curriculum Vitae ai sensi del D. Lgs. 30 giugno 2003 n.196.*

Chieti, 14<sup>th</sup> March 2022

Gabriella Mincione

