

PERSONAL INFORMATION

Gaetano Giuseppe Magro

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Sex M | Date of birth 13/03/1966 | Nationality Italian

Current Position: Full Professor of Anatomic Pathology (SSD MED08), Faculty of Medicine & Surgery, University of Catania

PhD: Neurological Sciences at University of Messina (1998)

Scientific Profile:

-Expertise in the diagnosis of solid pediatric tumors, soft tissue tumors, thyroid tumors, breast tumors, perioheral nerve sheath tumors, gynaecological tumors, brain tumors;

-Expertise in the field of human histology & embryology

Research areas:

-Identification of diagnostic and therapeutic markers of solid human tumors

-Identification of prognostic clinico-pathologic features in solid human tumors

-Identification of immunomarkers in embryofetal human tissues

-Identification of oncofetal immunomarkers helpful for histological diagnosis

-Identification of molecular markers for human solid tumors

Bibliometric Indicators (Scopus):

-Publications: **304**

-Citations: **5277**

-h-index: **36**

GOLDEN PARAGRAPH

WORK EXPERIENCE

2018 – Current

Academic Sector:

-Full Professor of Anatomic Pathology, Medical School of Medicine, University of Catania, Catania, Italy

-Director of Anatomic Pathology Specialty School- University of Catania, Italy

Health sector:

-Director of U.O.C. of Anatomic Pathology, Policlinico Hospital, University of Catania



2001-2018

Academic sector:

-Associate Professor of Anatomic Pathology, Medical School of Medicine, University of Catania, Catania, Italy

Health sector:

Surgical Pathologist at the U.O.C. of Anatomic Pathology, Policlinico Hospital, University of Catania, Catania, Italy

EDUCATION AND TRAINING**ACADEMIC TRAINING**

- 1983-1990: University of Catania, Italy, Faculty of Medicine and Surgery.
- 1990: Medical Doctor Degree, Faculty of Medicine, University of Catania
- 1997 PhD. Pediatric Neurosciences, University of Catania, Italy
- 1991-1998 Postgraduate Anatomic Pathology School, University of Messina, Italy.
- 1998: Anatomic Pathology Board Diploma at the University of Messina, Italy.

TRAINEESHIP

- 1990-2001: Internship at the Institute of Anatomic Pathology, University of Catania
- 1998-2001: Laboratory Instructor for undergraduate and postgraduate medical students, Department of Anatomic Pathology, University of Catania, Catania, 1998-2001;
- Laboratory Instructor for Sanitary Professions (Nursing; Obstetrics; Laboratory Technicians; Cytological Technicians), Department of Anatomic Pathology, University of Catania, Catania

FELLOWSHIPS

- 1999-2002: Research Fellow (F06A-Anatomic Pathology) at the University of Catania; title of project "Identification of a new specific marker for thyroypid papillary carcinoma: pathological and molecular studies for diagnostic and prognostic purposes".

PERSONAL SKILLS

Organisational / managerial skills

Director and responsible for a team of 15 people

ADDITIONAL INFORMATION**Most relevant publications**

Salvatorelli L, Parenti R, Broggi G, Vecchio GM, Angelico G, Puzzo L, Di Cataldo A, Di Benedetto V, Alaggio R, Magro G. WT1 and Cyclin D1 Immunohistochemistry: A Useful Adjunct for Diagnosis of Pediatric Small Round Blue Cell Tumors on Small Biopsies. *Diagnostics* (Basel). 2021 Dec 2;11(12):2254. doi: 10.3390/diagnostics11122254. PMID: 34943491; PMCID: PMC8700162.



Magro G, Broggi G, Zin A, Di Benedetto V, Meli M, Di Cataldo A, Alaggio R, Salvatorelli L. Desmoplastic Small Round Cell Tumor with "Pure" Spindle Cell Morphology and Novel *EWS-WT1* Fusion Transcript: Expanding the Morphological and Molecular Spectrum of This Rare Entity. *Diagnostics* (Basel). 2021 Mar 18;11(3):545. doi: 10.3390/diagnostics11030545. PMID: 33803887; PMCID: PMC8003219.

Magro G, Angelico G, Michal M, Broggi G, Zannoni GF, Covello R, Marletta S, Salvatorelli L, Parenti R. The Wide Morphological Spectrum of Deep (Aggressive) Angiomyxoma of the Vulvo-Vaginal Region: A Clinicopathologic Study of 36 Cases, including Recurrent Tumors. *Diagnostics* (Basel). 2021 Jul 28;11(8):1360. doi: 10.3390/diagnostics11081360. PMID: 34441295; PMCID: PMC8394817.

Vecchio GM, Angelico G, Broggi G, Virzi V, Salvatorelli L, Magro G. Benign myofibroblastic/epithelial lesions of the breast with minimally infiltrative margins. *Pathol Res Pract*. 2021 Oct;226:153577. doi: 10.1016/j.prp.2021.153577. Epub 2021 Aug 4. PMID: 34455362.

Piombino E, Broggi G, Barbareschi M, Castorina S, Parenti R, Bartoloni G, Salvatorelli L, Magro G. Wilms' Tumor 1 (WT1): A Novel Immunomarker of Dermatofibrosarcoma Protuberans-An Immunohistochemical Study on a Series of 114 Cases of Bland-Looking Mesenchymal Spindle Cell Lesions of the Dermis/Subcutaneous Tissues. *Cancers* (Basel). 2021 Jan 12;13(2):252. doi: 10.3390/cancers13020252. PMID: 33445443; PMCID: PMC7826654.

Magro G, Angelico G, Righi A, Benini S, Salvatorelli L, Palazzo J. Utility of STAT6 and 13q14 deletion in the classification of the benign spindle cell stromal tumors of the breast. *Hum Pathol*. 2018 Nov;81:55-64. doi: 10.1016/j.humpath.2018.06.015. Epub 2018 Jun 27. PMID: 29940288.

Magro G, Salvatorelli L, Alaggio R, D'Agata V, Nicoletti F, Di Cataldo A, Parenti R. Diagnostic utility of cyclin D1 in the diagnosis of small round blue cell tumors in children and adolescents. *Hum Pathol*. 2017 Feb;60:58-65. doi: 10.1016/j.humpath.2016.07.038. Epub 2016 Oct 28. PMID: 27984122.

Magro G, Esposito G, Cecchetto G, Dall'Igna P, Marcato R, Gambini C, Boldrini R, Collini P, D'Onofrio V, Salfi N, d'Amore E, Ferrari A, Bisogno G, Alaggio R. Pediatric adrenocortical tumors: morphological diagnostic criteria and immunohistochemical expression of matrix metalloproteinase type 2 and human leucocyte-associated antigen (HLA) class II antigens. Results from the Italian Pediatric Rare Tumor (TREP) Study project. *Hum Pathol*. 2012 Jan;43(1):31-9. doi: 10.1016/j.humpath.2011.04.016. Epub 2011 Aug 4. PMID: 21820153

Magro G, Righi A, Casorzo L, Antonietta T, Salvatorelli L, Kacerovská D, Kazakov D, Michal M. Mammary and vaginal myofibroblastomas are genetically related lesions: fluorescence in situ hybridization analysis shows deletion of 13q14 region. *Hum Pathol*. 2012 Nov;43(11):1887-93. doi: 10.1016/j.humpath.2012.01.015. Epub 2012 May 9. PMID: 22575260.

Magro G, Cataldo I, Amico P, Torrisi A, Vecchio GM, Parenti R, Asioli S, Recupero D, D'Agata V, Mucignat MT, Perris R. Aberrant expression of Tfr1/CD71 in thyroid carcinomas identifies a novel potential diagnostic marker and therapeutic target. *Thyroid*. 2011 Mar;21(3):267-77. doi: 10.1089/thy.2010.0173. Epub 2011 Feb 16. PMID: 21323588

Kazakov DV, Spagnolo DV, Stewart CJ, Thompson J, Agaimy A, Magro G, Bisceglia M, Vazmitel M, Kacerovska D, Kutzner H, Mukensnabl P, Michal M. Fibroadenoma and phyllodes tumors of anogenital mammary-like glands: a series of 13 neoplasms in 12 cases, including mammary-type juvenile fibroadenoma, fibroadenoma with lactation changes, and neurofibromatosis-associated pseudoangiomatous stromal hyperplasia with multinucleated giant cells. *Am J Surg Pathol*. 2010 Jan;34(1):95-103

Magro G, Amico P, Vecchio GM, Caltabiano R, Castaing M, Kacerovska D, Kazakov DV, Michal M. Multinucleated floret-like giant cells in sporadic and NF1-associated neurofibromas: a clinicopathologic study of 94 cases. *Virchows Arch*. 2010 Jan;456(1):71-6

Perris R, Borghese C, Magro G. Pitfalling in nanomedical targeting of melanoma: a 'clinical' case of misdelivered RNAi. *Pigment Cell Melanoma Res*. 2011 Oct;24(5):980-2;

Magro G, Perissinotto D, Schiappacassi M, Goletz S, Otto A, Müller EC, Bisceglia M, Brown G, Ellis T, Grasso S, Colombatti A, Perris R. Proteomic and postproteomic characterization of keratan sulfate-glycanated isoforms of

thyroglobulin and transferrin uniquely elaborated by papillary thyroid carcinomas. *Am J Pathol.* 2003 Jul;163(1):183-96.

Magro G, Schiappacassi M, Perissinotto D, Corsaro A, Borghese C, Belfiore A, Colombatti A, Grasso S, Botti C, Bombardieri E, Ferris R. Differential expression of mucins 1-6 in papillary thyroid carcinoma: evidence for transformation-dependent post-translational modifications of MUC1 in situ. *J Pathol.*

Projects/Grants

- 1999-2001 Associate research of the project progetto FSN, RF99 "Extracellular matrix components as diagnostic targets": Coordinator Prof. A.Colombatti (Divisione di Oncologia Sperimentale II- C.R.O. Aviano)
- 2002-2010 Fondi di Ateneo per la ricerca scientifica (ex 60%)
- 2010 Coordinator of Italian PRIN 2008
- 2009-2010 Dipartimetal funds for research
- 2014 Fondi d'Ateneo FIR2014 (euro 15.000)
- 2014-2020 PON Research and Innovation 2014-2020. Title: BONE++, Sviluppo di Micro e Nanotecnologie per la Predittività, la Diagnosi, la Terapia e i Trattamenti Rigenerativi delle Alterazioni Patologiche dell'Osso e Osteo-Articolari. *Role: Unit Component.*
- 2007-2013 PON "R&C" 2007- 2013 - PON03PE_00216_1. Title: Drug delivery: vehicles for sustainable innovation. *Role: Unit Component*
- 2014-202 Progetto PO FESR Sicilia 2014-2020. Azione 1.1.5. Title: LiverSmartDrug - Micro e nanosistemi innovativi per la cura efficace del Tumore al Fegato. *Role: Unit Coordinator Ingrassia Dept.*
- 2017 PRIN 2017 - 2017XKWWK9_004. "PBCT, Proton Boron Capture Therapy". *Role: Unit Component*
- PIACERI –University of Catania. Title: "MD-RESETT-GLIO - MultiDisciplinar RESEarch and Targeted Therapy for GLIOblastoma. *Role: Unit Coordinator Ingrassia Dept.*
- SCIENTIFIC HEAD OF THE SUBPROJCET FROM THE PNRR "HEAL ITALIA"
- SCIENTIFIC HEAD OF THE SUBPROJCET FROM THE PNRR "MUR LINEA 1"

Conferences

Invited Lectures

n. 72

Honours and awards

International Awards


WHO (World Health Organization)

2003: Responsible Author of the following chapter:

-"Mesenchymal Tumours" by Magro G, Eusebi V: in WHO Classification of tumors (blue book): Pathology and genetics tumors of the breast and female genital organs (Blue books)- Ed. Tavassoli F & Devilee

-2003: Responsible Author of the following chapter:

-"Fibroepithelial Tumours" by Belloq & Magro G: in WHO Classification of tumors (blue book): Pathology and Genetics Tumors of the breast and female genital organs (Blue Books): Ed. Tavassoli F & Devilee; pp 99-103



-2019: Responsible Author of the following chapter:

-*"Myofibroblastoma"* in WHO Classification of tumors (blue book): Breast Tumors

-2020: Responsible Author of the following chapter:

-*"Myofibroblastoma"*: in WHO Classification of tumors (blue book): Soft Tissue and Bone Tumors

-2022: Responsible Author of the following chapter:

-*"Myxomatous lesions"*: in WHO Classification of tumors (blue book): Paediatric Tumors Tumors in press

Co-author of the following international Pathology Books

"Pediatric Surgical Pathology of Fibro-inflammatory Diseases and Tumors" in Pediatric Head & Neck textbook; Springer, 2021

" Pediatric Surgical Pathology of Sarcomas of the Head and Neck" in Pediatric Head & Neck textbook; Springer, 2021

"Inflammatory myofibroblastic Tumor" in Breast Pathology- Encyclopedia of Pathology; Springer, 2020

"Myofibroblastoma" in Breast Pathology- Encyclopedia of Pathology; Springer, 2020

"Mesenchymal lesions" in Practical Surgical Pathology of the breast; DemosMedical-Springer Publishing, 2018

Coordinator

-2007-2018: Coordinator of the Italian Surgical Pathologists for T.R.E.P. (Rare Pediatric

-2018 currently: Coordinator of the Italian Surgical Pathologists for T.R.E.P. (Rare Pediatric Tumors) for germ cell tumors

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Catania 25-01-2023

