

Date of Birth: April 16, 1984
Address: Via Garibaldi 144, 96010 Canicattini Bagni (SR), Italy
E-mail: lucia.salvatorelli@unict.it
Nationality: Italian

Current Affiliation:
Department of Medical and Surgical Sciences and Advanced Technologies
"G.F. Ingrassia", Pathology Unit, University of Catania
Anatomic Pathology Unit, "G. Rodolico" Hospital, A.O.U. "Policlinico - San Marco", Catania, Italy

BIBLIOMETRIC INDICATORS	
Total Publications:	77
H-index:	23
Total Citations:	1,180

PROFESSIONAL EXPERIENCE

- 01/11/2024 – Present

Associate Professor of Pathology
University of Catania – Department "G.F. Ingrassia"
Teaching, research, and clinical diagnostic activities at the Anatomic Pathology Unit, "G. Rodolico" Hospital, A.O.U. "Policlinico - San Marco", Catania.
- 02/11/2021 – 31/10/2024

Tenure-Track Assistant Professor (RTDb)
University of Catania
Research and teaching activities. Clinical diagnostic activities carried out from 01/01/2022 at the Anatomic Pathology Unit, "G. Rodolico" Hospital, A.O.U. "Policlinico - San Marco", Catania.
- 28/06/2021 – 27/10/2021

Research Fellow
Department BIOMETEC, University of Catania
Project Lead: "Analysis of tumor microenvironment biomarkers: identification of potential diagnostic-therapeutic targets on human biopsy material and in vivo experimental models" (Scientific Supervisor: Prof. R. Parenti).
- 01/12/2017 – 07/06/2021

Fixed-Term Assistant Professor (RTDa)
University of Catania
Research and teaching activities, with clinical diagnostic duties (from 01/05/2018 to 07/06/2021) at the Anatomic Pathology Unit, "G. Rodolico" Hospital, A.O.U. "Policlinico - San Marco", Catania.
- 12/2016 – 11/2017

Head of the Anatomic Pathology Service
Casa di Cura "Regina Pacis" – San Cataldo (CL)
Management and responsibility of anatomic pathology diagnostic activities.
- 03/2016 – 06/2016

Teaching Tutor
Department of Biomedical and Biotechnological Sciences, University of Catania
Collaboration in university tutoring activities.

EDUCATION AND TRAINING

- 2026

National Scientific Qualification (ASN) – Full Professor (I Fascia)
Ministry of University and Research (MUR)
Attained Qualification for Full Professorship (valid from 15/06/2026 to 15/06/2038).
- 2020

National Scientific Qualification (ASN) – Associate Professor (II Fascia)
Ministry of University and Research (MUR)
Attained Qualification for Associate Professorship (valid from 04/11/2020 to 04/11/2029).

- 2018** **Ph.D. in Biomedical and Biotechnological Sciences**
University of Catania
 Thesis: "Cyclin D1 and Wilms Tumor transcription factor-1 (WT1): potential diagnostic and therapeutic markers in small round blue cell tumors of childhood".
- 2015** **Specialization Diploma in Anatomic Pathology**
University of Messina
 Grade: 50/50 cum laude. Thesis: "Cyclin D1 and Wilms' Tumor (WT1): useful immunomarkers in the differential diagnosis of pediatric small round blue cell tumors".
- 2009** **M.D. Degree in Medicine and Surgery**
University of Catania
 Grade: 110/110 cum laude. Thesis: "Nodule of follicular proliferation in Hashimoto's thyroiditis: a potential pitfall for clinician and pathologist".

PERSONAL SKILLS & LANGUAGE PROFICIENCY

Mother Tongue: Italian

Other Languages: English

Language	Understanding		Speaking		Writing
	Listening	Reading	Spoken Interaction	Spoken Production	Writing
English	B2 / C1	B2 / C1	B2 / C1	B2 / C1	B2 / C1

TEACHING ACTIVITIES

Course Chair and Lecturer for numerous courses in Pathology at the University of Catania:

- **Master's Degree Course in Medicine and Surgery:** Pathology I & II (11 ECTS/CFU) (A.Y. 2019/20 – 2025/26)
- **Degree Course in Medicine and Surgery (English Track):** Anatomopathology (A.Y. 2024/25 – 2025/26)
- **Postgraduate Specialty School in Pathology:** Pediatric Pathology, Laboratory Techniques and Diagnostic Cytopathology (3–5 ECTS/CFU) (A.Y. 2019/20 – 2025/26)
- **Postgraduate Specialty School in Cardiovascular Diseases:** Pathology (1 ECTS/CFU) (A.Y. 2019/20 – 2025/26)
- **Bachelor's Degree in Biomedical Laboratory Techniques:** Systematic Pathology / Fundamentals of Pathology (2–3 ECTS/CFU) (A.Y. 2017/18 – 2025/26)
- **Bachelor's Degree in Nursing:** Pathology (2 ECTS/CFU) (A.Y. 2017/18 – 2025/26)
- **Bachelor's Degree in Cardiovascular Pathophysiology and Perfusion Techniques:** Pathology (3 ECTS/CFU) (A.Y. 2019/20 – 2025/26)

Teaching Activity Abroad:

- Lecturer in Anatomic Pathology at the International University of Gorazde (Bosnia and Herzegovina) in cooperation with Zaklada Europa (Lugano), September 23–27, 2019.

SCIENTIFIC PROFILE & FIELDS OF INTEREST

Pediatric Oncological Pathology Breast Cancer Pathology Soft Tissue Tumors Thyroid Pathology
 Morphological & Immunohistochemical Analysis of Embryo-Fetal Tissues

AWARDS AND HONORS

- **Best Oral Presentation Award:** 7th Triennial Congress of Anatomic Pathology SIAPEC, Genoa, Italy (November 23–26, 2016).

CONFERENCE PRESENTATIONS (SPEAKER & MODERATOR ROLES)

International Conferences:

- **Modica, Italy (Sept 14–15, 2018):** Speaker at the International Congress "Oral and cervico-facial pathology" – Lecture: "Dominant nodule in Hashimoto's thyroiditis: clinico-pathological study of 357 cases".
- **Tirana, Albania (Sept 29–30, 2017):** Speaker at the III Italo-Albanian Congress on Oral and Cervico-facial Pathology – Lecture: "Lingual hamartomas in childhood: clinico-pathological features of leiomyomatous and rhabdomyomatous variants".

National and Regional Conferences (Selection):

- **Catania, Italy (May 5, 2023):** Discussant at the conference "Update in Surgery: from scientific evidence to clinical applications in minimally invasive surgery and rare diseases".
- **Padua, Italy (Oct 12–15, 2022):** Speaker at the SIAPEC-IAP 2022 Triennial Congress – Slide Seminar: "What's new in pediatric pathology? Exploring cancer predisposition syndromes in childhood".
- **Taormina, Italy (Oct 7, 2022):** Session Moderator at the AISC National Conference "Heart failure as seen by patients".
- **Webinar (June 21–22):** Speaker at the Webinar "Diagnostic challenges in pediatric and adolescent pathology" (Sessions: Germ cell tumors, Lymphomas, and Leukemias).
- **Turin, Italy (Oct 16–19, 2019):** Speaker at the SIAPEC-IAP 2019 Triennial Congress – Presentation: "Spindle cell tumor of abdominal cavity: a diagnostically challenging case".
- **L'Aquila, Italy (May 18, 2018):** Speaker at the A.F.O. Course – Lectures: "Cyclin D1 and Wilms' Tumor 1 (WT-1): from embryogenesis to neoplasia" and "Unusual tumors of the gastrointestinal tract".

EDITORIAL PUBLICATIONS (BOOKS AND CHAPTERS)

- Co-author of the chapter "Inflammatory myofibroblastic tumor of the breast", Encyclopedia of Pathology.
- Co-author of the chapter "Mammary myofibroblastoma", Encyclopedia of Pathology.
- Editor of Chapter 17 ("Bones, Joints, and Soft Tissue Tumors") of the Italian Edition of the *Robbins and Cotran Atlas of Pathology*, 3rd ed. (Edra).
- Co-author of the book "Le basi anatomopatologiche delle malattie tiroidee: dalla morfologia alla clinica" (Magro G, Salvatorelli L, Angelico G, Spadola S, Parenti R), University of Catania Press.

SCIENTIFIC PUBLICATIONS

1. Angelico G, Salvatorelli L, Tinnirello G, Santoro A, Zannoni GF, Puzzo L, Magro G. The first evidence of mismatch repair deficiency in mesonephric-like adenocarcinoma of the endometrium: clinicopathological and molecular features of a case emphasising a possible endometrioid carcinogenesis. *Histopathology*. 2024 Jan 3. doi: 10.1111/his.15136. PMID: 38173293.
2. D'Aprile S, Denaro S, Pavone AM, Giallongo S, Giallongo C, Distefano A, Salvatorelli L, Torrisi F, Giuffrida R, Forte S, Tibullo D, Li Volti G, Magro G, Vicario N, Parenti R. Anaplastic thyroid cancer cells reduce CD71 levels to increase iron overload tolerance. *J Transl Med*. 2023 Nov 3;21(1):780. doi: 10.1186/s12967-023-04664-9. PMID: 37924062; PMCID: PMC10625232.
3. Farina J, Angelico G, Vecchio GM, Salvatorelli L, Magro G, Puzzo L, Palicelli A, Zanelli M, Altieri R, Certo F, Spadola S, Zizzo M, Barbagallo GMV, Caltabiano R, Broggi G. Brain Metastases from Breast Cancer Histologically Exhibit Solid Growth Pattern with at Least Focal Comedonecrosis: A Histopathologic Study on a Monocentric Series of 30 Cases. *Diagnostics (Basel)*. 2023 Oct 6;13(19):3141. doi: 10.3390/diagnostics13193141. PMID: 37835885; PMCID: PMC10572254.
4. Angelico G, Broggi G, Tinnirello G, Puzzo L, Vecchio GM, Salvatorelli L, Memeo L, Santoro A, Farina J, Mulé A, Magro G, Caltabiano R. Tumor Infiltrating Lymphocytes (TILs) and PD-L1 Expression in Breast Cancer: A Review of Current Evidence and Prognostic Implications from Pathologist's Perspective. *Cancers (Basel)*. 2023 Sep 8;15(18):4479. doi: 10.3390/cancers15184479. PMID: 37760449; PMCID: PMC10526828.
5. Puzzo L, Bianco MR, Salvatorelli L, Tinnirello G, Occhiuzzi F, Latella D, Allegra E. CD44, PDL1, and ATG7 Expression in Laryngeal Squamous Cell Carcinomas with Tissue Microarray (TMA) Technique: Evaluation of the Potential Prognostic and Predictive Roles. *Cancers (Basel)*. 2023 Apr 25;15(9):2461. doi: 10.3390/cancers15092461. PMID: 37173926; PMCID: PMC10177409.
6. Cammarata FP, Torrisi F, Vicario N, Bravatà V, Stefano A, Salvatorelli L, D'Aprile S, Giustetto P, Forte GI, Minafra L, Calvaruso M, Richiusa S, Cirrone GAP, Petringa G, Broggi G, Cosentino S, Scopelliti F, Magro G, Porro D, Libra M, Ippolito M, Russo G, Parenti R,

- Cuttone G. Proton boron capture therapy (PBCT) induces cell death and mitophagy in a heterotopic glioblastoma model. *Commun Biol*. 2023 Apr 8;6(1):388. doi: 10.1038/s42003-023-04770-w. PMID: 37031346; PMCID: PMC10082834.
7. Torrisi F, D'Aprile S, Denaro S, Pavone AM, Alberghina C, Zappalà A, Giuffrida R, Salvatorelli L, Broggi G, Magro G, Calabrese V, Vicario N, Parenti R. Epigenetics and Metabolism Reprogramming Interplay into Glioblastoma: Novel Insights on Immunosuppressive Mechanisms. *Antioxidants (Basel)*. 2023 Jan 18;12(2):220. doi: 10.3390/antiox12020220. PMID: 36829778; PMCID: PMC9952003.
 8. Barchitta M, Maugeri A, Campisi E, Magnano San Lio R, Favara G, Soto Parra HJ, Salvatorelli L, Magro G, Basile G, Agodi A. Comparison of Quantitative Real-Time PCR and Digital PCR to Detect the Polyomavirus in Merkel Cell Carcinoma. *Viruses*. 2022 Oct 5;14(10):2195. doi: 10.3390/v14102195. PMID: 36298750; PMCID: PMC9610963.
 9. Angelico G, Marletta S, Broggi G, Vigneri P, Vecchio GM, Salvatorelli L, Magro G. Practical Approach to the Diagnosis of the Vulvo-Vaginal Stromal Tumors: An Overview. *Diagnostics (Basel)*. 2022 Jan 31;12(2):357. doi: 10.3390/diagnostics12020357. PMID: 35204448; PMCID: PMC8871080.
 10. Pavone G, Romano C, Martorana F, Motta L, Salvatorelli L, Zanghì AM, Magro G, Vigneri P. Giant Paratesticular Liposarcoma: Molecular Characterization and Management Principles with a Review of the Literature. *Diagnostics (Basel)*. 2022 Sep 6;12(9):2160. doi: 10.3390/diagnostics12092160. PMID: 36140560; PMCID: PMC9498211.
 11. D'Amico F, Costantino G, Salvatorelli L, Ramondetta A, De Pasquale R, Sortino MA, Merlo S. Inverse correlation between the expression of AMPK/SIRT1 and NAMPT in psoriatic skin: A pilot study. *Adv Med Sci*. 2022 Sep;67(2):262-268. doi: 10.1016/j.advms.2022.07.001. PMID: 35839539.
 12. Meli M, Arrabito M, Salvatorelli L, Soma R, Presti S, Licciardello M, Miraglia V, Scuderi MG, Belfiore G, Magro G, Russo G, Di Cataldo A. Report of Two Cases of Pediatric IgG4-Related Lymphadenopathy (IgG4-LAD): IgG4-Related Disease (IgG4-RD) or a Distinct Clinical Pathological Entity? *Children (Basel)*. 2022 Sep 26;9(10):1472. doi: 10.3390/children9101472. PMID: 36291407; PMCID: PMC9600987.
 13. Magro G, Broggi G, Angelico G, Puzzo L, Vecchio GM, Virzi V, Salvatorelli L, Ruggieri M. Practical Approach to Histological Diagnosis of Peripheral Nerve Sheath Tumors: An Update. *Diagnostics (Basel)*. 2022 Jun 14;12(6):1463. doi: 10.3390/diagnostics12061463. PMID: 35741273; PMCID: PMC9222088.
 14. Tirrò E, Martorana F, Micale G, Inzerilli N, Carciotto R, Romano C, Longhitano C, Motta G, Lanzafame K, Stella S, Massimino M, Vitale SR, Salvatorelli L, Magro G, Manzella L, Vigneri P. Next generation sequencing in a cohort of patients with rare sarcoma histotypes: A single institution experience. *Pathol Res Pract*. 2022 Apr;232:153820. doi: 10.1016/j.prp.2022.153820. PMID: 35240549.
 15. Broggi G, Mazzucchelli M, Covello R, Casini B, Barbagallo GMV, Salvatorelli L, Magro G. A mesenchymal chondrosarcoma with aberrant nuclear expression of STAT6: a potential diagnostic pitfall. *Pathol Res Pract*. 2022 Apr;232:153803. doi: 10.1016/j.prp.2022.153803. PMID: 35217266.
 16. 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.
 17. 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.
 18. Salomone G, La Spina M, Belfiore G, Bertuna G, Cannavò L, Catanzaro S, D'Amico S, Meli M, Musumeci A, Salvatorelli L, Scuderi MG, Spatola C, Valenzise M, Di Cataldo A, Russo G. Spinal cord compression as tumor onset: an unusual case report of Hodgkin lymphoma in a teenager. *BMC Pediatr*. 2021 Aug 24;21(1):358. doi: 10.1186/s12887-021-02834-6. PMID: 34429086; PMCID: PMC8383369.
 19. 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. PMID: 34455362.
 20. 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 EWSR1-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.
 21. Broggi G, Salvatorelli L, Barbagallo D, Certo F, Altieri R, Tirrò E, Massimino M, Vigneri P, Guadagno E, Maugeri G, D'Agata V, Musumeci G, Ragusa M, Barbagallo GMV, Russo D, Caltabiano R. Diagnostic Utility of the Immunohistochemical Expression of Serine and Arginine Rich Splicing Factor 1 (SRSF1) in the Differential Diagnosis of Adult Gliomas. *Cancers (Basel)*. 2021 Apr 26;13(9):2086. doi: 10.3390/cancers13092086. PMID: 33925821; PMCID: PMC8123436.
 22. Broggi G, Salvatorelli L. Bio-Pathological Markers in the Diagnosis and Therapy of Cancer. *Cancers (Basel)*. 2020 Oct 25;12(11):3113. doi: 10.3390/cancers12113113. PMID: 33113754; PMCID: PMC7693495.
 23. 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.
 24. Salvatorelli L, Puzzo L, Vecchio GM, Caltabiano R, Virzi V, Magro G. Ductal Carcinoma In Situ of the Breast: An Update with Emphasis on Radiological and Morphological Features as Predictive Prognostic Factors. *Cancers (Basel)*. 2020 Mar 6;12(3):609.

25. Salvatorelli L, Calabrese G, Parenti R, Vecchio GM, Puzzo L, Caltabiano R, Musumeci G, Magro G. Immunohistochemical Expression of Wilms' Tumor 1 Protein in Human Tissues: From Ontogenesis to Neoplastic Tissues. *Applied Sciences*. 2020; 10(1):40.
26. Scardina L, Franceschini G, Di Leone A, D'Archi S, Santoro A, Mulè A, Salvatorelli L, Magro G, Masetti R. Low-grade myofibroblastic sarcoma of the breast. *Breast J*. 2020 Oct;26(10):2077-2078.
27. Torrisi F, Vicario N, Spitale FM, Cammarata FP, Minafra L, Salvatorelli L, Cuttone G, Valable S, Gulino R, Magro G, Parenti R. The Role of Hypoxia and SRC Tyrosine Kinase in Glioblastoma Invasiveness and Radioresistance. *Cancers (Basel)*. 2020 Oct 4;12(10):2860.
28. Magro G, Salvatorelli L, Puzzo L, Piombino E, Bartoloni G, Broggi G, Vecchio GM. Practical approach to diagnosis of bland-looking spindle cell lesions of the breast. *Pathologica*. 2019 Dec;111(4):344-360.
29. Magro G, Salvatorelli L, Vecchio GM. Angioleiomyoma of the lumbo-sacral region with unusual keloid-like collagen fibers. *Pathologica*. 2020 Mar;112(1):42-45.
30. Lombardo GAG, Tamburino S, Mangano K, Fagone P, Mammana S, Cavalli E, Basile MS, Salvatorelli L, Catalano F, Magro G, Nicoletti F. The Effect of Omega-3 Fatty Acids on Capsular Tissue around the Breast Implants. *Plast Reconstr Surg*. 2020 Mar;145(3):701-710.
31. Giallongo S, Di Rosa M, Caltabiano R, Longhitano L, Reibaldi M, Distefano A, Lo Re O, Amorini AM, Puzzo L, Salvatorelli L, Palmucci S, Tibullo D, Russo A, Longo A, Lazzarino G, Li Volti G, Vinciguerra M. Loss of macroH2A1 decreases mitochondrial metabolism and reduces the aggressiveness of uveal melanoma cells. *Aging (Albany NY)*. 2020 May 12;12(10):9745-9760.
32. Broggi G, Salvatorelli L, Reibaldi M, Bonfiglio V, Longo A, Russo A, Caltabiano R, Magro G. Solitary fibrous tumor of the orbital region: report of a case with emphasis on the diagnostic utility of STAT-6. *Pathologica*. 2020 Dec;112(4):195-199.
33. Magro G, Salvatorelli L, Piombino E, Vecchio GM, Broggi G, Castorina S. Solitary fibrous tumor with atypical features of the paravesical space: benign clinical course at the 10-years follow-up. Report of a case and review of the literature. *Pathologica*. 2020 Dec;112(4):200-209.
34. Salvatorelli L, Puzzo L, Russo A, Reibaldi M, Longo A, Ragusa M, Aldo C, Rappazzo G, Caltabiano R, Salemi M. Immunoexpression of SPANX-C in metastatic uveal melanoma. *Pathol Res Pract*. 2019 Apr 29;152431.
35. Basile MS, Fagone P, Mangano K, Mammana S, Magro G, Salvatorelli L, Li Destri G, La Greca G, Nicoletti F, Puleo S, Pesce A. KCNMA1 Expression is Downregulated in Colorectal Cancer via Epigenetic Mechanisms. *Cancers (Basel)*. 2019 Feb 19;11(2):E245. doi: 10.3390/cancers11020245. PMID: 30791468; PMCID: PMC6406553.
36. Magro G, Spadola S, Motta F, Palazzo J, Catalano F, Vecchio GM, Salvatorelli L. STAT6 expression in spindle cell lesions of the breast: An immunohistochemical study of 48 cases. *Pathol Res Pract*. 2018 Oct;214(10):1544-1549. doi: 10.1016/j.prp.2018.07.011.
37. 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.
38. Magro G, Angelico G, Righi A, Salvatorelli L. Small round cell myofibroblastoma of the oral cavity: A tumor mimicking embryonal rhabdomyosarcoma. *Pathol Res Pract*. 2018 Mar;214(3):463-465.
39. Calabrese G, Gulino R, Giuffrida R, Forte S, Figallo E, Fabbi C, Salvatorelli L, Memeo L, Gulisano M, Parenti R. In Vivo Evaluation of Biocompatibility and Chondrogenic Potential of a Cell-Free Collagen-Based Scaffold. *Front Physiol*. 2017 Nov 29;8:984.
40. Calabrese G, Giuffrida R, Forte S, Fabbi C, Figallo E, Salvatorelli L, Memeo L, Parenti R, Gulisano M, Gulino R. Human adipose-derived mesenchymal stem cells seeded into a collagen-hydroxyapatite scaffold promote bone augmentation after implantation in the mouse. *Sci Rep*. 2017 Aug 2;7(1):7110.
41. Szychlińska MA, Castrogiovanni P, Nsir H, Di Rosa M, Guglielmino C, Parenti R, Calabrese G, Pricoco E, Salvatorelli L, Magro G, Imbesi R, Mobasher A, Musumeci G. Engineered cartilage regeneration from adipose tissue derived-mesenchymal stem cells: A morphomolecular study on osteoblast, chondrocyte and apoptosis evaluation. *Exp Cell Res*. 2017 May 18.
42. Magro G, Salvatorelli L, Ludwig K, Alaggio R. Diagnostic utility of cyclin D1 in the diagnosis of small round blue cell tumors in children and adolescents: Beware of cyclin D1 expression in clear cell sarcoma of the kidney and CIC-DUX4 fusion-positive sarcomas. Comment on Magro et al. (2016)-reply. *Hum Pathol*. 2017 May 9.
43. Calabrese G, Forte S, Gulino R, Cefali F, Figallo E, Salvatorelli L, Maniscalchi ET, Angelico G, Parenti R, Gulisano M, Memeo L, Giuffrida R. Combination of Collagen-Based Scaffold and Bioactive Factors Induces Adipose-Derived Mesenchymal Stem Cells Chondrogenic Differentiation In vitro. *Front Physiol*. 2017 Feb 2;8:50.
44. Graziano AC, Cardile V, Avola R, Vicario N, Parenti C, Salvatorelli L, Magro G, Parenti R. Wilms' tumor gene 1 silencing inhibits proliferation of human osteosarcoma MG-63 cell line by cell cycle arrest and apoptosis activation. *Oncotarget*. 2017 Feb 21;8(8):13917-13931.
45. 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.
46. Calabrese G, Giuffrida R, Forte S, Salvatorelli L, Fabbi C, Figallo E, Gulisano M, Parenti R, Magro G, Colarossi C, Memeo L, Gulino R. Bone augmentation after ectopic implantation of a cell-free collagen-hydroxyapatite scaffold in the mouse. *Sci Rep*. 2016 Nov 8;6:36399.
47. Salvatorelli L, Angelico G, Motta F, Di Cataldo A, Milone P, Ruggieri M, Magro G. Pediatric Adrenocortical tumors: clinicopathological feature - An update. *J Pediatric Biochem* 2016 Feb 3; 5(4):109-114.

48. Fagone P, Nicoletti F, Salvatorelli L, Musumeci G, Magro G. Cyclin D1 and Ewing's sarcoma/PNET: A microarray analysis. *Acta Histochem.* 2015 Oct;117(8):824-8.
49. Maugeri G, D'Amico AG, Magro G, Salvatorelli L, Barbagallo GM, Saccone S, Drago F, Cavallaro S, D'Agata V. Expression profile of parkin isoforms in human gliomas. *Int J Oncol.* 2015 Oct;47(4):1282-92.
50. Salvatorelli L, Parenti R, Leone G, Musumeci G, Vasquez E, Magro G. Wilms tumor 1 (WT1) protein: Diagnostic utility in pediatric tumors. *Acta Histochem.* 2015 May-Jun;117(4-5):367-78.
51. Magro G, Longo FR, Angelico G, Spadola S, Amore FF, Salvatorelli L. Immunohistochemistry as potential diagnostic pitfall in the most common solid tumors of children and adolescents. *Acta Histochem.* 2015 May-Jun;117(4-5):397-414.
52. Parenti R, Salvatorelli L, Musumeci G, Parenti C, Giorlandino A, Motta F, Magro G. Wilms' tumor 1 (WT1) protein expression in human developing tissues. *Acta Histochem.* 2015 May-Jun;117(4-5):386-96.
53. Musumeci G, Castrogiovanni P, Coleman R, Szychlińska MA, Salvatorelli L, Parenti R, Magro G, Imbesi R. Somitogenesis: From somite to skeletal muscle. *Acta Histochem.* 2015 May-Jun;117(4-5):313-28.
54. Magro G, Salvatorelli L, Angelico G, Vecchio GM, Caltabiano R. Lipomatous angiomyofibroblastoma of the vulva: diagnostic and histogenetic considerations. *Pathologica.* 2014 Dec; 106(4):322-6.
55. Magro G, Salvatorelli L, Puzzo L, Musumeci G, Bisceglia M, Parenti R. Oncofetal expression of Wilms' tumor 1 (WT1) protein in human fetal, adult and neoplastic skeletal muscle tissues. *Acta Histochem.* 2015 May-Jun;117(4-5):492-504.
56. Musumeci G, Castrogiovanni P, Szychlińska MA, Aiello FC, Vecchio GM, Salvatorelli L, Magro G, Imbesi R. Mammary gland: From embryogenesis to adult life. *Acta Histochem.* 2015 May-Jun;117(4-5):379-85.
57. Magro G, Brancato F, Musumeci G, Alaggio R, Parenti R, Salvatorelli L. Cyclin D1 is a useful marker for soft tissue Ewing's sarcoma/peripheral Primitive Neuroectodermal Tumor in children and adolescents: A comparative immunohistochemical study with rhabdomyosarcoma. *Acta Histochem.* 2015 May-Jun;117(4-5):460-7.
58. Magro G, Salvatorelli L, Di Cataldo A, Musumeci G, Spoto G, Parenti R. Cyclin D1 in human neuroblastic tumors recapitulates its developmental expression: An immunohistochemical study. *Acta Histochem.* 2015 May-Jun;117(4-5):415-24.
59. Fagone P, Mangano K, Mammana S, Cavalli E, Di Marco R, Barcellona ML, Salvatorelli L, Magro G, Nicoletti F. Carbon monoxide-releasing molecule-A1 (CORM-A1) improves clinical signs of experimental autoimmune uveoretinitis (EAU) in rats. *Clin Immunol.* 2015 Apr;157(2):198-204.
60. D'Amico AG, Maugeri G, Magro G, Salvatorelli L, Drago F, D'Agata V. Expression pattern of parkin isoforms in lung adenocarcinomas. *Tumour Biol.* 2015 Jul;36(7):5133-41.
61. Giunta ML, Roccasalva F, Attinà G, Cappello G, Di Benedetto V, Scuderi MG, Belfiore G, Musumeci AG, Foti PV, Di Cataldo A, Petrillo G, Salvatorelli L, Palmucci S. Malignant hepatic tumors in pediatric patients: clinical and radiological features. *World Cancer Research Journal* 2015.
62. Magro G, Longo FR, Salvatorelli L, Vasquez E, Vecchio GM. Lipomatous myofibroblastoma of the breast: case report with diagnostic and histogenetic considerations. *Pathologica.* 2014 Jun;106(2):36-40.
63. Magro G, Salvatorelli L, Spadola S, Angelico G. Mammary myofibroblastoma with extensive myxoedematous stromal changes: a potential diagnostic pitfall. *Pathol Res Pract.* 2014 Dec;210(12):1106-11.
64. Parenti R, Salvatorelli L, Magro G. Anaplastic Thyroid Carcinoma: Current Treatments and Potential New Therapeutic Options with Emphasis on Tfr1/CD71. *Int J Endocrinol.* 2014;2014:685396.
65. Magro G, Salvatorelli L, Vecchio GM, Musumeci G, Rita A, Parenti R. Cytoplasmic expression of Wilms tumor transcription factor-1 (WT1): a useful immunomarker for young-type fibromatoses and infantile fibrosarcoma. *Acta Histochem.* 2014 Sep;116(7):1134-40.
66. Magro G, Longo F, Salvatorelli L, Vecchio GM, Parenti R. Wilms' tumor protein (WT1) in mammary myofibroblastoma: an immunohistochemical study. *Acta Histochem.* 2014 Jun;116(5):905-10.
67. Musumeci G, Parenti R, Szychlińska MA, Salvatorelli L, Pace MM, Trovato FM, Magro G. Old morphological features and new immunohistochemical markers in prognosis of cutaneous melanoma: where are we now? *Acta Medica Mediterranea* 2014, 30: 969.
68. Szychlińska MA, Parenti R, Loreto C, Salvatorelli L, Spadola S, Trovato FM, Pirri C, Rapisarda V, Pace MM, Magro G, Musumeci G. Fluoro-edenite-associated pathogenesis in pleural malignant mesothelioma. *Acta Medica Mediterranea* 2014, 30: 981.
69. Vecchio GM, Musumeci G, Salvatorelli L, Cicciù M, Cicciù A, Magro G. Odontogenic myxoma with numerous keloidal-like collagen fibres and calcifications. *OA Case Reports* 2014 Feb 25;3(2):18.
70. Vecchio GM, Cavaliere A, Cartaginense F, Lucaccioni A, Lombardi T, Parenti R, Salvatorelli L, Magro G. Intraparenchymal leiomyoma of the breast: report of a case with emphasis on needle core biopsy-based diagnosis. *Pathologica.* 2013 Aug;105(4):122-7.
71. Parenti R, Puzzo L, Vecchio GM, Gravina L, Salvatorelli L, Musumeci G, Vasquez E, Magro G. Immunolocalization of Wilms' Tumor protein (WT1) in developing human peripheral sympathetic and gastroenteric nervous system. *Acta Histochem.* 2014 Jan;116(1):48-54.
72. Parenti R, Perris R, Vecchio GM, Salvatorelli L, Torrisi A, Gravina L, Magro G. Immunohistochemical expression of Wilms' tumor protein (WT1) in developing human epithelial and mesenchymal tissues. *Acta Histochem.* 2013 Jan;115(1):70-5.
73. Salvatorelli L, Musumeci G, Vecchio GM, Parenti R, Vasquez E, Magro G. Fibromatosis of the breast parenchyma with a benign-like nodular appearance. *OA Case Reports* 2013 Feb 28;2(2):18.

74. Magro G, Righi A, Casorzo L, Torrisi A, 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.
75. Vecchio GM, Amico P, Leone G, Salvatorelli L, Magro G. Lipoblast-like signet-ring cells in neurofibroma: a potential diagnostic pitfall of malignancy. *Pathologica*. 2010 Jun;102(3):108-11.

The Declarant

Catania, 22/06/2026

Prof. Lucia Salvatorelli