

Curriculum Vitae

Mirco Galie', Ph.D.

Address: University of Verona
Dept. Neuroscience, Biomedicine and Movement
Strada Le Grazie, 8 - 37134 Verona

Contacts: Tel. +39.045.8027681
E-mail: mirco.galie@univr.it

Date-place of birth: January 7, 1975 – Ascoli Piceno (AP), Italy

Nationality: Italian

Education: Apr 2005, Ph.D.
University of Verona, Faculty of Medicine, Italy

Dec 1999, Bachelor Degree in Biology cum laude
University of Camerino, Faculty of Sciences, Italy

Professional Training and Positions:

2022-present	Associate Professor Department of Neuroscience, Biomedicine and Movement, Section of Anatomy and Histology, University of Verona, 37134 Verona, Italy.
2006-2022	Assistant Professor Department of SNNMM, Section of Anatomy and Histology, University of Verona, 37134 Verona, Italy.
2011-2012	Visiting Assistant Professor Department of Internal Medicine Division of Hypothalamic Research The University of Texas Southwestern Dallas, TX, USA
2005-2006	Post-doctoral Fellow Department of Morphological and Biomedical Sciences, Section of Anatomy and Histology, University of Verona, 37134 Verona, Italy.

2002-2005	PhD Student Department of Morphological and Biomedical Sciences, Section of Anatomy and Histology, Faculty of Medicine University of Verona, 37134 Verona, Italy.
2000-2002	Graduate Student (P.I.: Dr. Augusto Amici) Department of Molecular, Cellular and Animal Biology University of Camerino, Camerino, Italy

Teaching Experience:

2006-2012	University Teacher: Microanatomy and Gross Anatomy, Institute of Normal Human Morphology, Faculty of Medicine, University of Verona, Verona, Italy
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Scientific activity:

ORCID ID

1. <https://orcid.org/0000-0002-6441-8313>

total Scopus citation: 2924; H index:23;

member of the ARC-NET

Original peer-reviewed reports:

1.
Galiè M*, D'Onofrio M, Calderan L, Nicolato E, Amici A, Crescimanno C, Marzola P, Sbarbati A. In vivo mapping of spontaneous mammary tumors in transgenic mice using MRI and ultrasonography.
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2.
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Rigotti G, Marchi A, **Galiè M**, Baroni G, Benati D, Krampera M, Pasini A, Sbarbati A. Clinical treatment of radiotherapy tissue damages by lipoaspirates transplant: a healing process mediated by adipose-derived adult stem cells (ASCs). *Plastic and Reconstructive Surgery* 2007; 119(5):1409-22.

8.

Fabene PF, Merigo F, **Galiè M**, Benati D, Bernardi P, Farace P, Nicolato E, Marzola P, Sbarbati A. "Pilocarpine-induced status epilepticus in rats involves mixed ischemic and excitotoxic mechanisms". *PLoS One* 2007, 2(10):e1105..

9.

M. Galiè*, P. Farace, C. Nanni, A. Spinelli, E. Nicolato, F. Boschi, P. Magnani, S. Trespidi, V. Ambrosini, S. Fanti, F. Merigo, F. Osculati, P. Marzola, A. Sbarbati. Epithelial and mesenchymal tumor compartments exhibit *in vivo* complementary patterns of vascular perfusion and glucose metabolism. *Neoplasia* 2007; 9(11):900-8.

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10.

Boschi F, Marzola P, Sandri M, Nicolato E, **Galiè M**, Fiorini S, Merigo F, Lorusso V, Chaabane L, Sbarbati A. Tumor microvasculature observed using different contrast agents: a comparison between Gd-DTPA-Albumin and B-22956/1 in an experimental model of mammary carcinoma. *MAGMA*. 2008; 21(3):169-76.

11.

Merigo F, Benati D, **Galiè M**, Crescimanno C, Osculati F, Sbarbati A. Immunohistochemical Localization of Cystic Fibrosis Transmembrane Regulator and Clara Cell Secretory Protein in Taste Receptor Cells of Rat Circumvallate Papillae. *Chem Senses* 2008; 33(3):231-41.

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18.

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Saliakoura M, Reynoso-Moreno I, Pozzato C, Rossi Sebastiano M, **Galiè M**, Gertsch J, Konstantinidou G. ACSL3-LPIAT1 signaling drives prostaglandin synthesis in non-small cell lung cancer.

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Repelin M, Canton F, Boschi F, Galiè M, Perduca M, Calderan L, Jacquier A, Carras J, Schaeffer L, Briancon S, Lollo G, Malatesta M. Repurposing pentamidine using hyaluronic acid-based nanocarriers for skeletal muscle treatment in myotonic dystrophy. *Nanomedicine: Nanotechnology, Biology, and Medicine*. 2023; 47

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44.

Dabrowska S, Turano E, Scambi I, Virla F, Nodari A, Pezzini F, **Galiè M**, Bonetti B, Mariotti R. A Cellular Model of Amyotrophic Lateral Sclerosis to Study the Therapeutic Effects of Extracellular Vesicles from Adipose Mesenchymal Stem Cells on Microglial Activation. *Int J Mol Sci* 2024; 25(11):5707.

Editorial and Commentaries:

Galiè M*, Rigotti G, Sbarbati A. The plasticity of fat: from “civilization syndrome” to “therapeutic promise”.

Adipocyte 2006; 2(2):59-66.

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Farace P, **Galiè M**, Nanni C, Spinelli A, Fanti S. Contouring Carcinomas by FDG-PET: Is the Role of Tumor Biology Underestimated?: In Regard to MacManus et al. (*Int J Radiat Oncol Biol Phys* 2008;71:2-4). *Int J Radiat Oncol Biol Phys*. 2008, 72(1):303-4

Galiè M*, Amici A, Sbarbati A. *Cell online comment*: Epithelial-Mesenchymal Transition Generates Cells with Properties of Mesenchymal Stem Cells. In regard to Mani et al. (*Cell* 2008,133(4):704-15).

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Galiè M*, Editorial: The Roles of Oncogenic Phosphatase/Kinase in Tumors. *Frontiers in Cell and Developmental Biology* 2022 (10).

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Book chapter:

Sbarbati A and **Galiè M**.

Fat Injection: From Filling to Regeneration

In: *Fat Injection: From Filling to Regeneration*,

edited by Drs. Sydney R. Coleman and Riccardo F. Mazzola,

Quality Medical Publishing, St. Louis., 2008

Ad hoc reviewer per:

Cancer Letters 1
Journal of Cellular and Molecular Medicine
Tissue Engineering
British Journal of Cancer
Digestive Diseases and Sciences
Process Biochemistry
Experimental Cell Research
Stem Cell and Development
Breast Cancer Research
Journal of Proteomics
Adipocyte

Guest editor per:

Frontiers in Cell Biology