

Filippo Renò

Curriculum vitae

Personal data

Born in Taranto August 24, 1968

Resident in Novara

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Curriculum vitae et studiorum

Degree in Biological Sciences at the University of Urbino with 110/110 and declaration of honors in 1991, PhD (VII cycle) in "Biochemical and pharmacological methods" at the Faculty of Pharmacy of the University of Urbino in 1995, senior fellow at the School of Public Health and Community Medicine, Department of Environmental Health, University of Washington, Seattle, USA (1993-1994).

Academic career

1995-97 Teaching assistant for the teaching of "anatomical and physiological basics of psychic activity" at the Master of Science in Psychology, University of Urbino.

1995-98 Assistant to the teaching of "Human Anatomy applied to physical education II" at the I.S.E.F. Urbino

1997-99 Professor for the teaching of "Fundamentals anatomical and physiological activity psychic" in the degree course in Psychology, Faculty of Education, University of Urbino.

1999-2000 Professor for the teaching of "Human Anatomy" for the degree course in Biological Sciences, Faculty of MM.FF.NN Sciences, University of Eastern Piedmont, Alessandria.

1999-2005 Tutor for students of Medicine and Surgery for Gross Anatomy activities at the ASO Maggiore of Charity of Novara.

2000-2006 Researcher (SSD Bio-16 Human Anatomy) at the School of Medicine, University of Eastern Piedmont, Novara.

2000-2004 Professor of "Human Anatomy" in the undergraduate degree in Biological Sciences, Faculty of MM.FF.NN Sciences, University of Eastern Piedmont, Alessandria.

2006-2009 Holder for the teaching of Human Anatomy in Bachelor courses for Nurses at the Faculty of Medicine, University of Piemonte Orientale "A.Avogadro", Novara

2007-2010 Adjunct Professor for the teaching of Human Anatomy Human Anatomy I and II at the Interfaculty School of Sport Sciences (S.U.I.S.M) of the University of Turin

2000-present Owner for the "Anatomy Cynical" teaching in the course of Bachelor in physical therapist and "Topographic Anatomy" in the course of Bachelor for medical radiology technician.

2006 to present Associate Professor (SSD Bio-16 Human Anatomy) at the School of Medicine, University of Eastern Piedmont, Novara. Holder for the teaching of Human Anatomy III in the Medical school, Human Anatomy in Bachelor courses for physiotherapists, medical radiology technician, pediatric nurse and midwife at the Faculty of Medicine, University of Eastern Piedmont, Novara .

Editorial Board Member of: European Review for Medical and Pharmacological Sciences

Member: Italian Cytometry Group (GIC)
Italian Society for Biomaterials (SIB)
Italian Society of Anatomy and Histology (SIAE)

Reviewer for: Journal of Materials Science: Materials in Medicine; Cell adhesion and migration; Life Science, Burns, Journal of Cell Physiology, Journal of Tissue Engineering and Regenerative Medicine, Toxicology in Vitro.

Author of 90 publications in international journals.

Author of two international patents and a national patent.

Scientific positions

2013- to date Auditor MIUR for VQR 2004-2010, SIR and Futuro in Ricerca

Research topics

1. Mechanisms healing of wounds and their interaction with the peripheral nervous system and the immune system
2. Mechanisms of bio-stimulation induced by laser therapy
3. Change of implantable biomaterials through cold plasma treatments
4. Biocompatibility of new nanomaterials and nanocarriers

Most representative publications

1) Laser-induced osteoblast proliferation is mediated by ROS production.

Migliario M, Pittarella P, Fanuli M, Rizzi M, Renò F.

Lasers Med Sci. 2014 Jul;29(4):1463-7. doi: 10.1007/s10103-014-1556-x.

2) Low zoledronate concentrations stimulate human keratinocyte proliferation.

Migliario M, Rizzi M, Rocchetti V, Pittarella P, Renò F.

Pharmacology. 2013;91(3-4):201-6. doi: 10.1159/000346918.

3) Flow cytometry evidence of human granulocytes interaction with polyhedral oligomeric silsesquioxanes: effect of nanoparticle charge.

Renò F, Carniato F, Rizzi M, Olivero F, Pittarella P, Marchese L.

Nanotechnology. 2013 May 10;24(18):185101. doi: 10.1088/0957-4484/24/18/185101.

4) UHMWPE and vitamin E bioactivity: an emerging perspective.

Renò F, Cannas M.

Biomaterials. 2006 Jun;27(16):3039-43.

5) In vitro mechanical compression induces apoptosis and regulates cytokines release in hypertrophic scars.

Renò F, Sabbatini M, Lombardi F, Stella M, Pezzuto C, Magliacani G, Cannas M.

Wound Repair Regen. 2003 Sep-Oct;11(5):331-6.

Third-sector activities

Co-founder and president of an academic spin off (Epinova Biotech Srl) active in the field of tissue engineering aimed at the resolution of chronic ulcers (pressure induced, vascular, diabetic) through the use of a patented polymer matrix.

The spin-off Epinova Biotech Srl is the winner of numerous national competitions (Marzotto Prize 2013) and international (TechConnect Award, Washington 2014), it has become the start-up innovative certified by the Italian Minister of Economic Development, it has received funding within the national plan Smart & Start and it is about to be transformed into innovative SMEs.