

Biography



Dr. Giuseppe Musumeci

Department of Biomedical and Biotechnological Sciences, Human Anatomy and Histology Section, School of Medicine, University of Catania.

Researcher Professor of Human Anatomy

Email: g.musumeci@unict.it

Web site: <http://biometec.unict.it/site/gmusumeci/>

Qualifications

Doctor of Philosophy (Ph.D.), 2009. Human Movement Science (Kinesiology), School of Medicine, University of Catania, Italy.

Master of Science (M.S.), 2004. Human Movement Science (Kinesiology), School of Medicine, University of Catania, Italy.

Bachelor of Science (B.S.), 2002. Human Movement Science (Kinesiology), School of Medicine, University of Catania, Italy.

Research Fields

Anatomy, kinesiology, histology, histochemistry, histopathology, immunohistochemistry, immunocytochemistry, histomorphometry, fluorescence and electron microscopy, anatomical pathology, tissue staining, apoptosis, cell biology, molecular biology, tissue engineering, musculoskeletal disorders, rehabilitation, physical activity, aging, nutrition.

Personal Details

Giuseppe Musumeci was graduated with top grades in Human Movement Sciences (Kinesiology), majoring in Biomedical Sciences (Prevention and Adapted Physical Education) from Catania University Medical School (Catania, Italy). He was then awarded a four-year grant for a Human Movement Science Ph.D. (doctorate). Also he carried out his research activity at the Department of Biomedical Engineering and Orthopedic Surgery, Johns Hopkins University, Baltimore (Maryland, USA); the Brighton and Sussex Medical School, UK; the AO Research Institute, Davos (Switzerland); and the Department of Orthopedic Surgery, Medical University of Graz (Austria). He is collaborating with several researchers and excellence centres in foreign and Italian universities. He is Principal Investigator or scientific collaborator in a number of Italian and international peer-reviewed research projects. Dr. Musumeci has been awarded national and international research prizes. He is a member in different Italian and international association of Anatomy, Histology, Kinesiology, Sport Medicine and Exercise. Since 2002 until today he has been Peer Reviewer in national and international scientific projects and in several international scientific journals, also he is editor in various international journals. Dr. Musumeci has been speaker and scientific director at several Italian and international meetings and co-author's in several books manual regarding anatomy, kinesiology and musculoskeletal disorders. Dr. Musumeci have trained numerous Graduate Students and Postdoctoral Fellows.

In 2015 he passed the national selection to become Associate Professor (Abilitazione Scientifica Nazionale) with a score exceeding the three reference medians for his scientific area.

Dr. Giuseppe Musumeci has been an Assistant Professor in Human Anatomy (scientific area BIO\16; macro area 05/H1) since 1 November, 2008. His current affiliation is the Department of Biomedical and Biotechnological Sciences.

Research activity

Dr. Musumeci's main research fields include the morphological, molecular and biochemical aspects of osteoarthritis and musculoskeletal conditions and the relative effects of diet, ageing and physical activity, lubricin expression, tissue engineering for tissue regeneration. Further areas of interest include, cardiovascular and respiratory medicine, neuroscience and cancer. In these fields Dr. Musumeci has investigated the biological, molecular, histological, immunohistochemical, and histomorphometric aspects, the microscopic structure, and the histopathological characteristics of the tissues involved.

He has co-authored in several peer-reviewed publications in international scientific journals.

<http://www.ncbi.nlm.nih.gov/pubmed/?term=musumeci+giuseppe>

https://www.researchgate.net/profile/Giuseppe_Musumeci2

Teaching activity

Dr. Musumeci teaches Human Anatomy in the following degree courses: Medical School; Human Movement Sciences; Physiotherapy; Biomedical Radiology Techniques; Biotechnology. He also teaches Human Anatomy in several post-graduate Specialization Schools, post-graduate Master Degree programme and PhD course of the University of Catania. He has been a thesis supervisor and tutor for several students of the above degree courses.

Si autorizza al trattamento dei dati personali, secondo quanto previsto dalla legge 196/03.