Corrado Calì

RTDB Assistant Professor of Human Anatomy

Contacts:

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Born in Modica (RG) on 27.11.1982 – Italian

Education:

2004 – Intership at San Giovanni Vecchio (SGAS, Torino), Clinical Engineering Service

2004 - BSc. In Biomedical Engineering, Politecnico di Torino

2006 – Internship Erasmus Program, BlueBrainProject (BBP), EPFL (Lausanne, Switzerland)

2006 – MSc in Biomedical Engineering, Politecnico di Torino

2008 – 2011, Research internship at Oslo Rikshospitalet (Oslo, Norway)

2013 – PhD in Neuroscience, Neuroscience Doctoral program of University of Lausanne and Geneva (Switzerland)

Former and current positions:

2006 – 2012 - PhD Student, Faculty of Biology and Medicine, University of Lausanne (Switzerland)

2012 – 2013 – Postdoctoral fellow, BioEM Facility, EPFL (Lausanne, Switzerland)

2013 – 2019 – Senior Postdoctoral fellow, Biological and Environmental Science and Engineering division, King Abdullah University of Science and Technology, Thuwal (Saudi Arabia)

2019 – 2020 – Research Scientist, Biological and Environmental Science and Engineering division, King Abdullah University of Science and Technology, Thuwal (Saudi Arabia)

2020 – current – Assistant professor RTDB in Human Anatomy, University of Turin

2014 – current – Co-founder of the startup “Intravides”

Research Interests:

I am interested in investigating the neuroanatomy of the brain at nanoscopic level, using 3DEM and 3D reconstruction, with a particular emphasis on astrocytes and their morphological coupling with neurons and vasculature. In my former team we pioneered the use Virtual Reality in neuroscience, and developed tools to explore the intimate relationships between these types of cells.

Collaborators:

Pierre Magistretti, Distinguished Professor and Dean, BESE Division, KAUST (Saudi Arabia)

Markus Hadwiger, Associate Professor, Visual Computing Centre, KAUST (Saudi Arabia)

Henry Markram, Full Professor, BlueBrainProject, Campus Biotech, Geneva (Switzerland)

Felix Schuermann, Adjoint Professor, BlueBrainProject, Campus Biotech, Geneva (Switzerland)

Marco Agus, Assistant Professor, Qatar Fundation, Doha (Qatar)

Renaud Jolivet, Assistant Professor, Department of Nuclear and Corpuscular Physics (DPNC), University of Geneva and Experimental Physics Department (EP), CERN (Switzerland)

Joao Filipe Oliveira, Assistant Professor, Faculty of Medicine, Universidade do Mino, Braga (Portugal)