

PERSONAL INFORMATION

Ivano Di Meo

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UO Medical Genetics and Neurogenetics
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WORK EXPERIENCE

- 2020 - present **Health Researcher**
Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Translational research on neurodegenerative and mitochondrial genetic diseases; diseases modelling and therapies development; PI for funded research and responsible for a research group.
- 2014 –2019 **Contract Researcher**
Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Translational research on neurodegenerative and mitochondrial genetic diseases; diseases modelling and therapies development; responsible for students and young researcher tutoring.
- 2013 –2014 **Postdoc Scientist**
MRC Mitochondrial Biology Unit, University of Cambridge, Cambridge, UK
- Translational research on mitochondrial genetic diseases; diseases modelling and therapies development; responsible for students and young researcher tutoring.
- 2012 – 2013 **Contract Researcher**
Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Translational research on mitochondrial genetic diseases; diseases modelling and therapies development; responsible for students and young researcher tutoring.
- 2009 –2012 **PhD Student**
University of Milan Bicocca/Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Translational research on mitochondrial genetic diseases; diseases modelling and therapies development.
- 2007 –2009 **Research Fellowship**
Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy
- Translational research on mitochondrial genetic diseases; diseases modelling.

EDUCATION AND TRAINING

- 2020 - 2023 **School of Specialization in Medical Genetics**
University of Milan
- Qualification as Medical Geneticist
- 2014 **Professional qualification of Biologist**
University of Varese Insubria
- Licensed to practice as a biologist
- 2009 - 2012 **PhD in Translational and Molecular Medicine**
University of Milan Bicocca

- Translational research, neurosciences, molecular genetics, biochemistry

2005 - 2007 **MSc degree in Biology**

University of Naples Federico II

- Biological sciences, molecular biology, genetics, biochemistry

2002 - 2004 **Bachelor degree in General and Applied Biology**

University of Naples Federico II

- Biological sciences

ACHIEVEMENTS AND AWARD

- Awards**
- 2009 - PhD fellowship Italian Ministry of Education, University and Research
 - 2016 - Fellowship Italian Association for Neurodegeneration with brain iron accumulation syndromes (AISNAF)
 - 2018 - Travel award StellenCoA 2018: SASBMB Focused Meeting on Coenzyme A in Health, Disease and Bioscience, 28 October - 1 November 2018, Stellenbosch, South Africa
- Editorial activity**
- Reviewer for different international indexed scientific journals. Associate editor for Frontiers in Neurogenomics. Member of the Reviewer Board for Frontiers in Neurosciences, Frontiers in Genetics and Life.
- Grants**
- Italian Ministry of Health GR-2018-12365610
 Title: Mitochondrial inborn errors of Coenzyme A biosynthesis-associated neurodegeneration: implementation of new disease models and evaluation of Coenzyme A supplementation as potential therapeutic approach.
 Role: PI
 Funding period: 2020 – 2023

TEACHING ACTIVITY

- 2021 National Scientific Qualification as Associate Professor in Molecular Biology (BIO/11)
 2023 National Scientific Qualification as Associate Professor in Science of health professions and diagnostic techniques (MED/50)

TECHNICAL SKILLS

Scientific skills: Molecular, biochemical, cellular and imaging standard and advanced techniques. Generation of murine models and in vivo characterization. Pre-clinical experimental drugs and gene therapy approaches on animal models; Generation and characterization of in vitro primary and differentiated cellular disease models and organoids. Writing and editing of scientific documents, grant proposals and papers. Scientific projects management. Presentation of new data in internal or international meetings. Reviewer of scientific articles for international Journals. Tutoring of students and junior researchers.

IT skills: Excellent competences in Windows systems, MacOS, Office (Word, Excel, PowerPoint), Internet, web. Good competences in bioinformatic and biostatistical software.

Languages: Italian (mother tongue), upper-intermediate English (written and spoken), elementary French.

Management/organizational skills: Strategic thinker, ability to decipher problems, team player, good interpersonal and communicative skills, good organizational and time management skills. Coordination of a research group.

Main scientific interests: Mitochondrial and neurodegenerative diseases; molecular genetics, genomics and transcriptomics, biochemistry, translational medicine; pre-clinical and clinical research; animal models, iPSC and organoids generation and characterization; neurobiology; cell biology.