

Personal information

Name and surname: CINZIA CICCACCI

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Current Position

Since 2021 Associate Professor of Medical Genetics at UniCamillus, Saint Camillus International University of Health Sciences

Previous Positions

- 2018-2021 Assistant Professor (RTDb) in Medical Genetics at UniCamillus, Saint Camillus International University of Health Sciences

-2007-2018 Research fellowships at Tor Vergata University (Department of Biomedicine and Prevention)

-2006-2007 Research fellowship at Filas spa

-2005 Research fellowship at University of Tor Vergata (Biology Department)

-2001-2004 PhD fellowship at University of Tor Vergata (Biology Department)

Education and training

- 2001 Degree in Biological Science

- 2005 PhD in Evolutionist Biology and Ecology

- 2015 Specialty degree in Medical Genetics

National academic qualifications

- Associate Professor in Medical Genetics 06/A1 (31/03/2017)

- Associate Professor in Applied Medical Technologies 06/N1 (05/12/2014)

Research activity

The scientific activity of Dr. Cinzia Ciccacci is documented by 74 publications in peer-reviewed international journals, of which 71 indexed on pubmed, for a total IF of about 300, total citations = 1.414 (source: Scopus) and with h -index =22 (Source: Scopus) and 54 communications to National and International Congresses.

The research activity focused at the beginning of her academic career on the Genetics of human populations and evolutionary Genetics with particular regard to A) characterization of the variability pattern for SNS (Single Nucleotide Substitutions) MisSense and SameSense in coding sequences; B) Haplotypic variability of the CFTR (Cystic Fibrosis conductance Transmembrane Regulator) gene in various human populations.

In the last 16 years her activity has been focused on: A) the research of genetic factors contributing to the susceptibility to several multifactorial diseases, (in particular inflammatory bowel diseases,

systemic lupus Erythematosus, Rheumatoid arthritis, Diabetes and its complications) by investigating the role of genetic variability in relation to the phenotypic variability of these pathologies and their different clinical manifestations and complications; B) Genetic variability in the response to drugs, both in terms of efficacy and toxicity (Pharmacogenetic/Pharmacogenomics), in particular by studying the genetic predictors of response in treatments with Nevirapine (anti-retroviral drug used in the treatment of HIV) Warfarin (oral anticoagulant) and, more recently, with Biologic Drugs in autoimmune diseases. She has participated in several research projects (concerning the Genetics of multifactorial pathologies and Pharmacogenetics) financed by MIUR and other National and International Institutions.

Editorial and Reviewer activity

Since 2018 she serves as Academic Editor for “Plos One” and “Journal of Immunology Research”. She served as Special Issue Guest Editor for “Pharmaceuticals” (2020-2021) and “Genes” (2021-2022). Since January 2022 she is in the Editorial Board of “Genes”.

She is “ad hoc” Reviewer for several Journals such as Plos One, Journal of Cardiovascular Medicine, Thrombosis Research, Pharmacogenomics, Journal of Immunology Research, International Journal of Environmental Research and Public Health, International Journal of Molecular Science, Pharmacogenomics Journal, Genetics Research International, Human Molecular Genetics.

She served as Grant Proposal Reviewer for: 1) National Science Centre, Poland, (2019, 2021) 2) Health Research Council of New Zealand (HRC) (2021).

Teaching Activity

Since 2018, She is teacher of Medical Genetics at Unicamillus University in the following Degree Courses: Medicine and Surgery, Physiotherapy, Nursing (2018-2020), Midwifery, Biomedical Laboratory Techniques, and “Radiology, Diagnostic Imaging and Radiotherapy Techniques” (2018-2020). Since 2020, she is also teacher of Medical Genetics for the Degree Course in Dentistry and Dental Prosthetics. She is also coordinator of the exams commission of the Integrated Courses in the following degrees: Physiotherapy (2018-today), Nursing (2018-2020), Midwifery (2018-today), Biomedical Laboratory Techniques (2018-today) and Dentistry and Dental Prosthetics (2020-today). Member of several Commissions for Students Transfers since 2019.

Publications:

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- Perricone C, Borgiani P, Romano S, **Ciccacci C**, Fusco G, Novelli G, Biancone L, Calabrese E, Pallone F. *ATG16L1 Ala197Thr is not associated with susceptibility to Crohn's disease or with phenotype in an Italian population*. Gastroenterology. 2008 Jan;134(1):368-70.
- Novelli G, **Ciccacci C**, Borgiani P, Amati M P, Abadie E. Genetic tests and genomic biomarkers: regulation, qualification and validation. *Clinical Cases in Mineral and Bone Metabolism*. 2008; 5 (2): 149-154.
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- Ciccacci C**, Borgiani P, Ceffa S, Sirianni E, Marazzi MC, Doro Altan AM, Paturzo G, Bramanti P, Novelli G, Palombi L. *Nevirapine-induced hepatotoxicity and Pharmacogenetics: a retrospective study in a population of Mozambique*. Pharmacogenomics. 2010 Jan;11(1):23-31
- Predazzi IM, Martínez-Labarga C, Vecchione, L, Mango R, **Ciccacci C**, Amati F, Ottoni C, Crawford M, Rickards O, Romeo F, Novelli G. *Population differences in allele frequencies at the OLR1 locus may suggest geographic disparities in cardiovascular risk events*. Ann Hum Biol. 2010 Apr;37(2):136-48.
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- C Ciccacci**, N Paolillo, D Di Fusco, G Novelli and P Borgiani. *EPHX1 Polymorphisms Are Not Associated with Warfarin Response in an Italian Population*. Clin Pharmacol Ther. 2011 Jun;89(6):791

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