

Rosario Amato MD PhD

Medical Genetist

Rosario.amato@unicz.it

+39 0613694084
3894445397

Catanzaro, ITA

EDUCATION:

Bachelor of Medicine,

Bachelor of Surgery
(MBBS)

Magna Graecia University
Catanzaro

Clinical Experience:

Medical Genetic Unit-

Immuno-genetic Lab

Dulbecco University Hospital

Magna Graecia University

Catanzaro

I 2019 - Present

Introduction:

Rosario Amato currently works at the Department of Health Sciences, Università degli Studi "Magna Graecia" di Catanzaro. Field of interests spanning from Oncology to immunology and Molecular Genetics. The current projects include: 'Control of mitosis: roles of the GTPase RAN and transport factors', the pivotal SGK1-dependent relationship between Th17 lymphocytes and the tissue counterparty and the role of RANBP1 and nuclear transport in Th17 differentiation and tumor progression.

Skills and expertise

Cancer Biology; Kinases; Cancer Diagnostics; Oncogenetics; Cancer Therapy; Genetics; Cancer Radiotherapy; Signal Transduction; Cell Cycle; Cell Death; Immunology; Human Genetics

EDUCATION:

- 2001-2004: Internship in General Pathology (MED04), School of Medicine, Magna Graecia University of Catanzaro.
- 2004: Degree in Medicine and Surgery at the Faculty of Medicine and Surgery of the University of Magna Graecia of Catanzaro with a grade of 110/110 cum laude, discussing an experimental thesis in general pathology (MED04) entitled: Role of Sgk1 in tumor pathology and biological therapy of human neoplasia. Published on J MolMed 2007.
- October-November 2005 Visiting researcher at the Human Physiology Laboratory directed by Prof. Bonnie Blazer-Yost, Perdue University, Indianapolis, IN-USA.
- October-December 2007 Visiting researcher at the Department of Human Physiology of the Medical Faculty of Tübingen directed by Florian Lang.
- October-November 2008, Visiting researcher at Michele Pagano Lab, NYU- New York, USA
- 2009 PhD in Molecular Oncology, Experimental Immunology and Development of Alternative Therapeutic Strategies; at the Faculty of Medicine and Surgery, Magna Graecia University of Catanzaro.
- 2010-2011 2nd level Master in Clinical Genetics, University of Siena.
- 2017 July Specialization in Radiotherapy, School of Medicine, University of Magna Graecia of Catanzaro with thesis in Radio-Genetics (MED03).

EXPERIENCE:

- 2012-2017 Scientific Responsible project Fibr-Futuro in Ricerca project funded by MIUR, subject to peer-review.
- September 2017-September 2019 Research fellowship at the Department of Health Sciences UMG-Catanzaro in Medical Genetics MED03
- November 2017-ongoing, Scientific Consultant for the proteomics department of the Regina Elena Institute in Rome, for the morpho-functional study of mouse models treated with new molecular kinase inhibitors, in association with repositioning drugs and radiotherapy, for understanding of mechanisms of chemo and radio resistance mechanisms of human glial tumors.
- October 2017-January 2020 Lecturer in Medical Genetics (MED03) Department of Health Sciences, Magna Graecia University of Catanzaro.
- 31/10/2018 TO 31/10/2028 National scientific qualification for Associate Professor, scientific area 06 / A2 (General Pathology and Clinical Pathology).
- 14/01/20-25/12/23, Fixed-term researcher L.240/10 type A in Medical Genetics/MED03, scientific area 06/A1, at the Department of Health Sciences, Magna Graecia University of Catanzaro.
- 02/04/2021-ongoing, member of the teaching staff of the doctorate of Molecular and Translational Oncology and Medical-Surgical Technologies (cycle XXXVII), Magna Graecia University of Catanzaro.
- 31/07/2020-ongoing, permanent academic assistance as medical executive, at the University UOC of Medical Genetics of the Mater Domini University Hospital of Catanzaro.
- 31/07/2020-ongoing, Scientific Head of the Research Laboratory of Medical Genetics (Headquarters Campus) at the Department of Health Sciences, Magna Graecia University of Catanzaro.
- 09/24/2020-ongoing, member of the Board of the School of Specialization in Medical Genetics as teacher and tutor for postgraduates of the School of Specialization in Medical Genetics, Magna Graecia University of Catanzaro.
- 01/02/2023 National scientific qualification for Associate Professor, scientific area 06/ A1 (Medical Genetics).
- 27/12/2023-ongoing Fixed-term researcher L.240/10 type B in Medical Genetics/MED03, scientific area 06/A1, at the Department of Health Sciences, Magna Graecia University of Catanzaro