

Angela Serena Maione, PhD



Summary

Medical biotechnologist with seven years of intensive research in calcium signalling in the molecular basis of restenosis and pathogenesis of atherosclerosis. Excellent communication skills already experienced in managing and mentoring of master student. Looking for a PostDoc position to investigate new molecular mechanisms involved in the establishment of disease and disease susceptibility.

Education

PhD at the **University of Naples Federico II**, Italy

Thesis: Study of Calcium-Calmodulin dependent kinases in the pathogenesis of the atherosclerotic plaque.

Supervisor: Dr. Maddalena Illario

Master Degree in Medical Biotechnology at the **University of Naples Federico II**, Italy

Grade: 110/110 summa cum laude

Thesis: The CaMKII and ERK interaction in the vascular smooth muscle cells proliferation

Supervisor: Dr. Maddalena Illario

Research Experience

June 2013- today

Postdoc at the Department of Translational Medical Sciences, University of Naples "Federico II"

2010-2013

PhD - Department of Molecular and Cellular Biology and Pathology. University of Naples "Federico II" (Italy)
Supervisor: Dr. Maddalena Illario

PhD Thesis - Study of Calcium-Calmodulin dependent kinases in the pathogenesis of the atherosclerotic plaque.

- Number of publications achieved- 7

- Supervision and mentoring of two master student research projects and coordination of two associates.

May - August 2012

Erasmus Placement fellowship - Department of Epidemiology, Atherothrombosis and Imaging, "Centro Nacional de

Investigaciones Cardiovasculares, Carlos III" , Madrid (Spain)

Supervisor: Dr. Raphaël Chèvre, Prof. Vicente Andrés García

Project: In vivo imaging of early atheroma development reveals phosphorylation of p27 at serine 10 as a modulator of leukocyte recruitment

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Master student - Department of Molecular and Cellular Biology and Pathology. University of Naples "Federico II" (Italy)

Supervisor: Dr. Maddalena Illario

Thesis: The CaMKII and ERK interaction in the vascular smooth muscle cells proliferation

The results of the project were published

March-June 2009

Visiting student - Department of Pharmacology and Toxicology "Mitchell Memorial Cancer Center". University of Louisville, Kentucky (USA).

Supervisor: Prof. Uma Sankar

Project - Visualization of intra-molecular between CaMKII and Erk

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7) Characterization of a selective CaMKII peptide inhibitor.

Gomez-Monterrey I, Sala M, Rusciano MR, Monaco S, **Maione AS**, Iaccarino G, Tortorella P, D'Ursi AM, Scrima M, Carotenuto A, De Rosa G, Bertamino A, Vernieri E, Grieco P, Novellino E, Illario M, Campiglia P.

Eur J Med Chem. 2013 Apr;62:425-34. doi: 10.1016/j.ejmech.2012.12.053. Epub 2013 Jan 22.

8) A novel crosstalk between Calcium/Calmodulin Kinases II and IV regulates cell proliferation

Monaco S, Rusciano MR, **Maione AS**, Soprano M, Gomathinayagam R, Todd LR, Campiglia P, Salzano S, Pastore L, Leggiero E, Wilkerson DC, Rocco M, Selleri C, Iaccarino G, Sankar U, Illario M.

Cell Signal. 2015 Feb;27(2):204-14. doi: 10.1016/j.cellsig.2014.11.007. Epub 2014 Nov 15.

Awards

-ECS fellowship- 11th Symposium of the European Calcium Society on Calcium-Binding Proteins in normal and transformed cells. Warsaw, 6-9 September 2010.

-CNR fellowship- Research project: "Study of calcium calmodulin dependent kinases in endocrine tumors". (November 2010)

-PRIN fellowship- Research project: "Role of the CaMKs in arteriosclerosis" (February 2012)

-Grant for Student mentoring for the academic year 2012/2013 at Faculty of Biotechnology, University of Naples Federico II

-Erasmus Placement fellowship- "Centro Nacional de Investigaciones Cardiovasculares, Carlos III", Madrid (Spain). (May - August 2012)

Languages

English: Excellent knowledge of written and spoken language

Italian: Native language

Spanish: Sufficient knowledge of written and spoken language

References

Maddalena Illario, MD PhD: Researcher at the Department of Translational Medical Sciences, University of Naples "Federico II" (Italy)

Email: illario@unina.it

Guido Iaccarino, MD PhD: Associate Professor of Internal Medicine at the Department of Medicine and Surgery, University of Salerno (Italy)

Email: giaccarino@unisa.it

Vicente Andrés García, PhD: Group leader at Department of Epidemiology, Atherothrombosis and Imaging, Centro Nacional de Investigaciones Cardiovasculares, "Carlos III", Madrid (Spain)

Email: vandres@cnic.es

Uma Sankar, Ph.D, Assistant Professor of Pharmacology & Toxicology Associate Scientist James Graham Brown Cancer Center, Kentucky, USA

Email: uma.sankar@louisville.edu

Personal Data

Place and Date of birth: Naples, July 22th 1985

Nationality: Italian

CF: MNANLS85L62F839Y

Operazione cofinanziata con il POR Campania
FESR 2007-2013 a Valore della ricerca degli
O.O.2.1. - RETE DALLE REGIONI CAMPANIE
CAMPANIA - 2007-2013 - Operazione cofinanziata
per la ricerca in oncologia cardiovascolare -
malattie cardiovascolari -
OCCRE (Oncology and Cardiology Key targets)
- CUP B25C13000280007.

