

PERSONAL INFORMATIONS

Paolo Vincenzo Pedone

WORK ADDRESS

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies
University of Campania "Luigi Vanvitelli"
Via Vivaldi, 43, 81100, Caserta, Italia
Ph. 0823 274438
Cell. 3355299870
Fax 0823 274813

paolov.pedone@unicampania.it

WORK EXPERIENCE

From July 2012 to July 2018

Head of the Department

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies
University of Campania "Luigi Vanvitelli" (former Second University of Naples)
Via Vivaldi, 43, 81100, Caserta, Italia

07/21/2015 – 08/22/2015

Visiting scientist

Laboratory of Molecular Biology - National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health (NIH).
(Laboratory directed by dr. Gary Felsenfeld)
Bethesda, Maryland, USA

from July 2012 to November 2013

Rector's Delegate with responsibility for Teaching
Second University of Naples

from March 2010 to July 2012

Dean of Faculty

Faculty of Pharmaceutical, Environmental and Health Sciences
Second University of Naples
Via Vivaldi 43 – 81100 Caserta, Italy

from Novembre 2006 to January 2010

Dean of Faculty

Faculty of Environmental Sciences
Second University of Naples
Via Vivaldi 43 – 81100 Caserta, Italy

from November 2008 to July 2012

President of the Committee which organised the Bachelor program in Biotechnology

Second University of Naples
Via Vivaldi 43 – 81100 Caserta, Italy

from November 2008 to March 2010

President of the Committee which organised the Master degree program in Pharmacy

Second University of Naples
Via Vivaldi 43 – 81100 Caserta, Italy

from February 2004 until today

Full Professor of Biochemistry

University of Campania (former Second University of Naples)
Via Vivaldi 43, 81100 Caserta, Italy

from November 2000 to January 2004

Associate Professor of Biochemistry

Faculty of Environmental Sciences
Second University of Naples
Via Vivaldi 43, 81100 Caserta, Italy.

from July 1996 to October 2000

Assistant Professor of Biochemistry

Faculty of Environmental Sciences
Second University of Naples
Via Vivaldi 43, 81100 Caserta, Italy.

EDUCATION AND TRAINING

from August 1994 to
December 1996

IRTA Fellowship

Laboratory of Dr. Gary Felsenfeld, Section on Physical Chemistry, Laboratory of Molecular Biology – National Institutes of Diabetes, Digestive and Kidney Diseases (NIDDK)

National Institutes of Health (NIH).

Bethesda (MD) USA

1992 - 1996

PhD in “Cellular and Molecular Biology and Pathology”

University of Naples “Federico II”

July 1992

Degree in Medicine

Vote: summa cum laude

Faculty of Medicine

University of Naples “Federico II”

PERSONAL SKILLS AND COMPETENCES

Organisational skills and competences

Prof. Pedone demonstrated his organizational skills and competences occupying leading positions in the Italian University system in the last 10 years, first as Faculty Dean and then as Head of Department. The Department and the Faculties which he managed have been the institutions in charge of the didactics and the research activities in the field of environmental, life and pharmaceutical sciences at the Second University of Naples.

In these same years Prof. Pedone has also organised in the Department a research group operating in the field of Biochemistry of transcription.

Teaching

In the last 20 years Prof. Pedone taught the following courses:

Biochemistry - Bachelor degree in Environmental Sciences

Cellular Biochemistry and methods in proteomics - Master degree in Biotechnology for Health and Environment

Biochemistry - Bachelor degree in Biotechnology

Biochemistry - Master degree in Pharmacy

Cellular Biochemistry - Master degree in Biotechnology for Health

Research activity

Prof. Pedone is a member of the Italian Society of Biochemistry and Molecular Biology and has been in the board of directors of the society from September 2012 to September 2016.

Prof. Pedone main research interest is the study of the mechanisms of gene regulation. In the last years he has been interested in the study of protein/DNA interactions, with particular regard to the structure and function of the zinc finger DNA binding domains.

Bibliometric data (Scopus, December 2016)

Number of publications 39

H index 18

Total number of citations 1258

5 significant publications of the last 10 years

- 1) Anvar, Z., et al. (2016) ZFP57 recognizes multiple and closely spaced sequence motif variants to maintain repressive epigenetic marks in mouse embryonic stem cells. *Nucleic Acids Res.* 18; 44(3), 1118-32.
- 2) Malgieri, G, et al. (2015) The prokaryotic zinc-finger: structure, function and comparison with the eukaryotic counterpart. *FEBS J.* 282 (23), 4480-96
- 3) Baglivo, I, et al. (2013) Genetic and epigenetic mutations affect the DNA binding capability of human ZFP57 in transient neonatal diabetes type 1. *FEBS Lett.* 587(10):1474-81
- 4) Quenneville, S., et al. (2011) In embryonic stem cells, ZFP57/KAP1 recognize a methylated hexanucleotide to affect chromatin and DNA methylation of imprinting control regions. *Mol Cell.* 44(3):361-7
- 5) Baglivo, I. et al. (2009) The structural role of the zinc ion can be dispensable in prokaryotic zinc-finger domains. *Proc Natl Acad Sci U S A.* 106 (17) :6933-8