

PERSONAL INFORMATIONS

Paolo Vincenzo Pedone

WORK ADDRESS

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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 July 2005 to September 2005

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 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”

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

- Biochemistry** - Bachelor degree in Environmental Sciences
- Cellular Biochemistry an 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.

5 significant publications of the last years

Pirone, L. et al. (2018) Identifying the region responsible for *Brucella abortus* MucR higher-order oligomer formation and examining its role in gene regulation. *Sci Rep.* 2018 Nov 22;8(1):17238.

Marino, M.M et al. (2018) Interactome mapping defines BRG1, a component of the SWI/SNF chromatin remodeling complex, as a new partner of the transcriptional regulator CTCF. *J Biol Chem.* 2019 Jan 18;294(3):861-873.

Baglivo, I. al. (2017) MI proteins from *Mesorhizobium loti* and MucR from *Brucella abortus*: an AT-rich core DNA-target site and oligomerization ability. *Sci Rep.* Nov 17;7(1):15805.

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.

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