

## Paolo Giannoni

Associate Professor



### EDUCATION AND TRAINING

1993

#### **Doctorate in Environmental and Food Toxicology**

Doctoral thesis title: "Biological role of Poly (ADP-ribose) polymerase: evaluation of its activity and of its possible role as a marker of genotoxicity"

University of Milano - Milano - IT

1987

#### **Degree in Biological Sciences**

Master Degree thesis title: "Effects of N-acetyl cysteine on the chemical induction of pre-neoplastic alterations in rat liver" - 110/110 Magna cum Laude

Università di Genova - Genova - IT

### PROFESSIONAL HISTORY

Since 2016:

#### **Associate Professor**

University of Genova - Genova - IT

2013 - 2016

#### **Researcher (RTD-B)**

University of Genova - Genova - IT

2011 - 2013

#### **Contract Professor**

University of Genova - Genova - IT

1999 - 2001

**Post-doctoral fellow**

University of Bern - Bern - CH

1994 - 1996

**Post-doctoral fellow**

University of Genova - Genova - IT

1988 - 1992

**PhD Student**

University of Genova - Genova – IT

## **ACADEMIC APPOINTMENTS**

2024

**Member of the University Technical and Scientific Committee for the evaluation of the PRIN-PNRR 2022 e PRIN 2022 projects**

University of Genova - Genova – IT

2024

**Coordinator of the Integrated Course of “Physics, Biology, Genetics and Statistics” (cod. #72705) for the degree course in Nursing Sciences and Health Professionals – Class 1**

University of Genova - Genova - IT

### TEACHING ACTIVITY

**Since 2017:** Teaching units of “General Biology” (code #72707) e “General Genetics” (code #72711), for the Degree in Nursing Sciences and for the Degree in Physiotherapy, University of Genova

**Since 2017:** Teaching unit of “Cell and Gene Therapy” (code #86844) Degree in Pharmacy, University of Genova

**Since 2016:** Teaching unit of “Biology and Genetics” (code #80755”) Degree in Medical and Pharmaceutical Biotechnologies, University of Genova

**Since 2013:** Teaching unit of “Animal Biology” (code #55417/#11673), Degree in Pharmacy, University of Genova

**2012-2015:** Contract professor for the teaching unit “Cell Biology II and Laboratory”, Degree in Medical and Pharmaceutical Biotechnologies, code #61395, University of Genova

**Since 2011:** Contract professor for the inter-faculty course “Molecular bases of pathologies and Gene Therapy”, Degree in Medical and Pharmaceutical Biotechnologies (code #80818), University of Genova

**1997-1998:** Contract professor for the “Integrated Course of Cell Biology and Genetics”; Faculty of Medicine, University of Genova

**1994-1996:** Member of the exam committees for the teaching unit “Laboratory of Physiology Methods”; Faculty of Mathematical, Physical and Natural Sciences, University of Genova

**1992-1996:** Teaching member of the “Practical courses in molecular biology and physiology”; Faculty of Mathematical, Physical and Natural Sciences, University of Genova

#### TEACHING AND RESEARCH ACTIVITY IN HIGHER EDUCATION

**Since 2016** Teaching unit “Multidisciplinary in biomedical research” for the Superior Studies Institute of the University of Genova, IANUA-ISSUGE, Module 1.1, Master in Biomedical Sciences, First Level

**Since 2013:** Member of the teaching staff of the Doctorate in Biotechnology and Translational Medicine, University of Genova

## QUALIFICATIONS

#### PARTICIPATION TO INTERNATIONAL OR NATIONAL RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

**2020 - 2024**

**Bone++: Development of micro- and nanotechnologies for the prediction, diagnosis, therapy and regenerative treatments of pathological alterations of bone and of the osteoarticular tissues**

Italian Ministry of the University and Research - IT

Participant

**2010 - 2011**

**Innovative materials for the development of artificial bioprosthesis**

Italian Ministry of the University and Research - IT

Participant

**2007 - 2010**

**National Research Net “Tissunet”: Engineering bioactive scaffolds for bone and cartilage regeneration**

Italian Ministry of the University and Research - IT

Participant

SCIENTIFIC RESPONSIBILITY OF RESEARCH PROJECTS FUNDED BY THE UNIVERSITY OF GENOVA-ITALY

2014 - 2016

**Transcriptional control of the Hepatocyte Growth Factor (HGF) and its relevance in the stromal microenvironment in physiological and pathological conditions.**

University of Genova - IT

Principal Investigator

2013 - 2015

**Role of factors secreted by stromal mesenchymal cells in chronic lymphocytic leukemia**

University of Genova - IT

Principal Investigator

SCIENTIFIC RESPONSIBILITY OF RESEARCH PROJECTS ON BEHALF OF THIRD PARTIES

2023

**Immunocyto/immuno-histochemical analyses on epithelial tissue samples by hematoxylin-eosin and anti-CD44/anti-aquaporin staining.**

React4Life S.r.l.-University of Genova -IT

Principal Investigator

2019-2020

**In vitro evaluation of the pro-regenerative effects of a solution of hydrolyzed collagen peptides and vitamin C on intra/peri-articular and/or dermal lesions**

Tiss'You S.r.l.-University of Genova – IT

Principal Investigator

2014

**Human osteosarcoma cells loaded by imbibition onto demineralized bone-derived bio-matrices**

Sirius-Biotech S.r.l. – University of Genova - IT

Principal Investigator

EDITORIAL ACTIVITY

-Since 2011 is a member of the Projects Evaluating Committee of the AO Foundation, Clavadelstrasse 8, 7270-Davos, Switzerland, relating to the Regenerative medicine and musculo-skeletal tissues field.

-Since 2013 is a member of the external reviewer board of the “Alessandro Liberati” Foundation, Regional Health Agency - Emilia Romagna Region, Research Governance, Viale A. Moro 21, 40127, Bologna, Italy.

-**Currently** works as a free reviewer for several scientific journals in his fields of interests, such as: *Biomaterials, Tissue Engineering, Journal of Cellular Physiology, Journal of Cell Transplantation, Journal of Tissue Engineering and Regenerative Medicine, Cells Tissue Organs, Current Biotechnology, Journal of Cellular and Molecular Medicine, International Journal of Artificial Organs, Journal of Orthopaedic Trauma, Histology and Histopathology, Materials Science and Engineering C, Cytotherapy, Journal of Applied Biomaterials and Biomechanics, Cell Communication and Signaling.*

#### OTHER PROFESSIONAL EXPERIENCES

2007 - 2012

##### **Research Contractor**

Stem Cell Laboratory; Advanced Biotechnology Center - Genova - IT

2003 - 2007

##### **Scientific manager**

Biorigen s.r.l. - Genova - IT

2001 - 2003

##### **Research Contractor**

Regenerative Medicine Laboratory; I.R.C.C.S. Ospedale San Martino - Genova - IT

1996 - 1999

##### **Research Contractor**

Cell Differentiation Laboratory; I.R.C.C.S. Ospedale San Martino - Genova - IT

#### LANGUAGE SKILLS

##### **English**

Expert

High School Diploma; Skyline High School; Oakland CA; USA; June 11th, 1981.

#### PUBLICATIONS

To date he has authored 90 publications in peer-reviewed international journals, 46 posters and 20 podium presentations in international and national congresses and/or meetings.