**CURRICULUM VITAE**

**IRENE BOZZONI**

**Personal information**

Name: Irene Bozzoni

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**Education:**

1975: degree in Biology (110/110 cum laude) - “Sapienza” University of Rome.

1978: specialization in General Pathology - “Sapienza” University of Rome.

**Academic career and research experience**

2022-present: ***Professor Emeritus,*** Sapienza” University of Rome

2018- present: “***Senior Researcher***” at the Istituto Italiano di Tecnologie (IIT).

1994-2022: ***Full Professor of Molecular Biology*** at “Sapienza” University of Rome

From 1986 to 1994: Associate Professor of Molecular Biology at the Sapienza University

From 1980 to 1986: Staff scientist at the Center for Nucleic Acid Research of CNR in Rome

From 1978 to1980: research fellow at the Centro Acidi Nucleici of C.N.R., Rome

From 1977 to 1978: post-doc at the Institute of Molecular Biology of the University of Zurich

Visiting professor/scientist at international scientific institutions:

2002: University of Brandeis, Boston, USA

1993: University Boulder, Colorado, USA

1986: National Institute of Health of Bethesda, USA

1985: University of Zurich, Switzerland

1979: European Molecular Biology Laboratory - Heidelberg, Germany

**Academic positions**

* Since 2020: **Honorary Fellow** at the School for Advanced Studies of Sapienza University of Rome
* 2016-2018: **Director of the “Sapienza School for Advanced Studies**"
* 2007-2018: **Director of the Master Degree** in Genetics and Molecular Biology.
* 2013-2018: **member of the “PhD Committee**” of Sapienza.
* 2000-2015: **Director of the PhD programme** in Genetics and Molecular Biology.
* 2005-2016: Representative of Sapienza University at the “**Consorzio Interuniversitario per le Biotecnologie**”
* 2011-2014: President of the **Evaluation Committee** of the Faculty of Sciences – University of Rome
* 2009-2012: Member of the “**Committee for Innovation of Research and Technology**” of Sapienza University
* 2007-2015: member of the **Technical and Scientific Committee** of the Consorzio Sapienza Innovazione of the University La Sapienza

**Appointments external to the University**

Ongoing:

* Since May 2023: member of the Scientific Committee of **Fondazione Roma Sapienza.**
* Since May 2022: member of the “Comitato Direttivo” **IFOM (Istituto Fondazione di Oncologia Molecolare)** of Milan
* Since 2019: member, by government designation, of the “**Selection committee for the presidents and members of the boards of directors of Italian research institutions”.** As part of this activity, she participated in the selection of the President of the CNR (Italian National Research Council) and of the members of its Supervisory Board.
* Since 2020: member of the “**Scientific Advisory Committee**” of the European Molecular Biology Laboratory (EMBL).
* Since 2018: member of the “**Management Committee” of the Human Technopole**.

Past:

* 2022 2024: member of the board of Directors of the **Scuola Normale Superiore** of Pisa
* 2018-2023: member of the “Advisory Committee” of the Armenise-Harvard Foundation.
* 2017-2020: member of the Board of Directors of the **“**[National Museum of Science and Technology, Leonardo da Vinci"](http://www.museoscienza.org/english/), Milan.
* 2012-2018**:** member of the committee “**Programma per Giovani Ricercatori, Rita Levi-Montalcini**” of MIUR
* 2015 -2020: member of the Scientific Committee of the “Enciclopedia Treccani”.
* 2010-2013: member of the “Committee of Experts for the Research Policy” (CEPR), consultant of the Italian Ministry of University and Research
* 2011- 2014: member of the European Molecular Biology Organization membership committee
* 2009-2012: member of the Standing Committee of the Pezcoller Foundation
* 2000-2003: member of the Scientific Committee “Fondazione Chiara D'Onofrio”

Memberships, honors and awards

* 2019: awarded of an **ERC-Synergy Grant (H2020)** on **“**Assembly and phase Transitions of Ribonucleoprotein Aggregates in neurons: from physiology to pathology”
* 2014: awarded of an **ERC-Advanced Grant (FP7)** on “Role of long non coding RNA in muscle differentiation and disease”
* 2010: awarded of a "Sapienza Ricerca Award".
* 2008: invited to give the “Lectio magistralis” for the inauguration of the academic year at the Sapienza, University of Rome.
* 2006: “Tartufari” international prize for Cell Biology by the Accademia Nazionale dei Lincei for her studies on the discovery of novel miRNA functions in ematopoiesis.
* 2003: “Giovanna Jucci” prize for Genetics by the **Accademia Nazionale dei Lincei** for her studies on a novel therapeutic approach for the Duchenne Muscular Dystrophy.
* She is member of several scientific societies: **European Molecular Biology Organization** (EMBO), "**Academia Europaea**", “**Accademia Medica di Roma**”, Italian Society of Biochemistry (SIB) and Biophysics and Molecular Biology (SIBBM).
* She serves as referee for several international scientific journals and for several national and international agencies such as: European Research Council (EU), European Science Foundation (EU), Human Frontier Science Programme (USA), European Molecular Biology Organization (EU), AERES (F), Medical Research Council (UK), Wellcome Trust (UK), Association Francaise contre les myopathies (F). Moreover, she served as evaluator of several foreign research labs (CRG, Barcelona; CNRS, Nancy; BCN-CNR, Rome) and as PhD supervisor for French, Dutch and UK PhD programs.
* She coordinates a group of 30 people including post-docs, PhD and undergraduate students.

and she is author of more than 180 publications on peer-review international journals and of 9 patents, 3 of which have been licensed to the industry. One received the “Orphan Drug” designation from EMEA.

Coordinated projects

* European Union – Horizon 2020:

\***ERC-2019-SyG Project ASTRA**

H2020-MSCA-ITN, “*circRTrain*”

* \***AIRC -2019** – Circular RNAs: novel players and biomarkers in tumorigenesis
* **\***National Center for Gene Therapy and Drugbased on RNA Technology” (CN00000041), **NextGenerationEU PNRR** MUR
* PRIN 2017
* European Union - VII Research Framework:
  + **ERC-Advanced Grant** – “*MUNCODD*” Project
  + EU- FP6-2007- LIFE SCIENCES – “*RIGHT*” Project
  + EU - FP6-2005-LIFESCIHEALTH-6 – “*SIROCCO*” Project
  + SP3-People-MSCA- ITN, “*RNATRAIN”* Project
* European Science Foundation (ESF) -
* Human Frontier Science Program (HFSP) –
* French Muscular Dystrophy Association (AFM-Téléthon)
* MIUR (PRIN, FIRB)
* Telethon
* ARISLA
* Associazione Italiana per la Ricerca Sul Cancro (AIRC)
* Istituto Pasteur, Fondazione Cenci-Bolognetti
* Parent Project ONLUS
* Istituto Italiano di Tecnologie (IIT) –SEED projects

\* Ongoing