



Name: LUCIO I. M. COCCO

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PERSONAL STATISTICS: Date of Birth: January 28, 1952; Place of Birth: Chieti, Italy, Italian Citizen; Married, 2 daughters

EDUCATION: 1976: M.D. University of Chieti (summa cum laude); 1978: Ph.D.- Sport Medicine, University of Chieti, School of Medicine.

POSITIONS HELD: 1977-1979: Assistant Professor at the Chair of Anatomy, University of Bologna;

1979-1982: Lecturer of Histology & Embryology, Medical School, University of Chieti, Italy;

1983-1985: Associate Professor, Department of Anatomy, Medical School, University of Bologna, Italy;

1986-1990: Full Professor and Chairman, Chair of Anatomy, Department of Anatomical Sciences, Medical School, University of Chieti, Italy;

1986-1990: Director of the Post-Graduate School in Hygiene, Medical School, University of Chieti, Italy;

1990-2022: Professor, Cellular Signalling Laboratory, Dept. Biomedical Sciences, Medical School, University of Bologna, Italy;

1992-2018: Dean of the Research Doctorate Programme in Biomedical Sciences, School of Medicine, University of Bologna, Italy;

2003-2009: President of the PhD Programme Medical Biotechnology, University of Bologna

2012--: Professor (visiting by invitation) at the University of Tsukuba, Ph.D. Programme in Human Biology, Japan;

2015--: Perpetual Secretary of the Academy of Sciences-Physical Sciences of Bologna (founded in 1690);

2022-2024 (Febr. 7th): Alma Mater Professor and Contract Professor, University of Bologna

2024 (Febr. 8th): Professor Emeritus and Adjunct Professor of Anatomy, University of Bologna

SCIENTIFIC ACTIVITIES ABROAD

1979-1983 (sabbatical periods): Visiting Scientist, Beatson Institute for Cancer Research, Glasgow, Scotland, UK;

1986 (sabbatical periods): Visiting Professor, AFRC Babraham Institute, Cambridge, England, UK;

ASSIGNMENTS

1992-2010: President of the Research Evaluation Panel of Biomedical Sciences, University of Bologna;

1994-1997: Vice-President of the Italian Society for Histochemistry;

1995-2007: President of the Italian Red Cross Nursing School, Bologna;

2003-2006: Member of the Panel 05 of the Italian CIVR (Italian Research Evaluation Committee);

2009--: Member of the Evaluation Committee of the Fund for Scientific Research – FNRS, Belgium;

2015-: President of the Research Evaluation Committee of the Department of Biomedical and Neuromotor Sciences of the University of Bologna;

2015--: Advisory board member of BK21+ Biomolecular Network program, Ulsan National Institute of Science and Technology, S. Korea.

2016-2017: Member of the Committee (Biomedical Sciences) of Italian Ministry of Research for Programmes of National Interest, Italy

2016: Member of the panel of Austrian Science Fund for the SFB 'Monarchies and Hierarchies in Shaping Chromatin Landscapes', Austria

2018-2019: Member of the Committee (Biomedical Sciences) of Italian Ministry of Research for

Programmes of National Interest, Italy

2018-2018: Member of the Academic Senate of the University of Bologna;

2020-2023 (Jan.): Member of the Evaluation Panel of the University La Sapienza, Rome, Italy

2020-: Member of the Evaluation Committee of the Czech Science Foundation, Czech Republic

2021-: Scientific Curator of the Anatomical Wax Collection of the Museum of the University of Bologna;

2021 (November)-2022 (October): Dean of the Academic Staff of Alma Mater Studiorum, University of Bologna;

2022-: President of the Italian Society for Anatomy and Histology

AWARDS:

1996: Intl. J. Oncol. and Oncol. Repts. Award;

2001: Intl. J. Mol. Med. Award.

2012: Brain Pool Programme by S.- Korea Government

2016: Journal Lipid Research Lecturership – FASEB SRC/ASBMB, July/August 2016

2016: Lord Leitchfield Lecturership at the University of Oxford, October 2016

2018: Meet the Expert Award at the 2018 FASEB conference on Phospholipids: Dynamic Lipid Signaling in Health and Disease

EDITORIAL BOARD:

Editor-in-Chief of Advances in Biological Regulation;

Associate Editor Frontiers in Cellular Neuroscience (Section Cellular Neuropathology);

Associate Editor Biochemistry and Cell Biology;

Guest Editor PNAS;

Board Member: Cellular Signalling, J. Cellular Biochemistry, European J. Histochem., Oncology Rep. (1996-2003), Leukemia (2011-2013), Intl. J. Oncol., Intl. Arch. Biosci., Intl. J. Mol. Med., Recent Patents on Anti-Cancer Drug Discovery, Am. J. Blood Res., Cancer Rep., World J. Clin. Cases, Journal of Bioenergetics and Biomembranes, International Journal of Molecular Sciences, Netter Atlas of Human Anatomy (Intl. Advisory Board of 6th Edition).

MEETINGS SYMPOSIA AND CONFERENCES

-Since 1989 he has attended more than 150 international Meetings/Symposia/Conferences (such as FASEB Res. Conf., FEBS Meetings, Gordon Research Conf., Harden Conf., J. Monod Conf.; Eur. Symp. on Hormone&Cell.Regul., Keystone Symp., etc) as invited speaker.

-2005: Founder and First Co-Chairman of the series of Gordon Research Conference “Signal Transduction Within the Nucleus”.

RESEARCH INTEREST: His work (**405 full length papers** in peer reviewed Journals including New England Journal of Medicine, Nature, PNAS, J. Biol. Chem., Mol. Cell. Proteomics, FASEB J., Biochem. J., Blood, Leukemia, Stem Cells, J. Clinical Oncology, BBA Reviews on Cancer, Progress in Lipid Research, J. Lipid Research, J. Cell. Physiol, Molecular Psychiatry, EMBO Rep., etc., with **14.465 citations**) covers the following fields: Structure and function of the nucleus and Inositide-dependet Signalling. **He has discovered the existence of the nuclear signalling pathway via inositol lipid cycle and he is internationally recognised in the field of inositide signalling as “one the fathers of nuclear inositide signalling” for his seminal work in this issue.** In particular since the last years his main interest is the study of the nuclear localisation and signalling activity of polyphosphoinositides. Namely he has furthered the role of this signalling pathway in the nucleus during myogenic differentiation, giving new insight to its role in myotonic dystrophies, as well as during haemopoietic differentiation, envisaging the pathophysiological significance of nuclear phosphoinositide signalling in pathology. **A full list of his articles and updated metrics are available at the Scopus link below:**

<https://www.scopus.com/authid/detail.uri?authorId=7007037315&origin=cto>

His scientific activity has been celebrated by:



biomolecules



Special Issue "Versatility of a Cellular Signaling Scaffold: The Inositol Ring Rules! – Honorary Special Issue Commemorating the Work of Prof. Lucio I. M. Cocco" *Biomolecules* 2023, 13 (10)

Special Issue Editors



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Guest Editor

Laboratory of Signal Transduction, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC, USA



Prof. Dr. Pavel Hozák [E-Mail](#) [Website](#) [SciProfiles](#)

Co-Guest Editor

Institute of Molecular Genetics AS CR, Laboratory of Biology of the Cell Nucleus & IMG Microscopy Centre Prague, Czech Republic