

CURRICULUM VITAE

Bonaventura Francesco Luisi

Personal Data

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Education

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| 1981 | B.S. in Chemistry (with honors) | California Institute of Technology
Pasadena
California
U.S.A. |
| 1986 | Ph.D. in Molecular Biology | University of Cambridge
CAMBRIDGE
U.K. |
- (Awarded a Peterhouse Research Studentship and an Overseas Research Studentship)

Research and Academic Appointments

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| May 1986 – May 1987 | Postdoctoral Research Appointment
MRC Laboratory of Molecular Biology
CAMBRIDGE |
| May 1987 – December 1990 | Postdoctoral Fellow
University of Chicago and Yale University
(Fellowship from the Jane Coffin Childs Memorial Fund for
Cancer Research) |
| January 1991 – October 1995 | Research Appointment
MRC Virology Unit
GLASGOW
(Appointed a staff member in May 1995) |
| October 1995 – October 2006 | Wellcome Trust Senior Fellow in Biomedical Research,
Department of Biochemistry, University of Cambridge |
| October 2006- October 2010 | Wellcome Trust Senior Fellow in Biomedical Research |

October 2010- present

& Sir William Dunn Reader in Biochemistry
Professor of Structural Biology

Awards

Elected EMBO member 2009

Wellcome Trust Investigator award 2016

ERC Advanced award 2017

Visiting Professor at the University of Warsaw Biological and Chemical Research Centre, 2019

Visiting Professor Qingdao Agricultural University, China 2019

Visiting Professor Cagliari University, Italy, April 2020

External and internal activities

Wellcome Trust Basic Immunology and Infectious Disease Funding Committee April 2005 to July 2008

External reviewer, Birkbeck College and University College London web based course on Protein Structure, Nov. 2001 to Nov 2004.

Department of Biochemistry Research Executive & Resources committees from 2005

Department of Biochemistry Postgraduate Committee from 2006

Biochemical Society Theme Panel II Molecular Structure and Function from Dec 2006- Nov 2012

Biology Faculty Degree committee from 2009 to Dec 2012

Editorial Board *Biochemical Journal* from Feb 2010- Dec 2012

Review panel, Linear Coherent Light Source, Stanford University from July 2010 to Dec 2013

Review panel, European Research Council from Dec 2010 to Sept 2018

Diamond light source beamtime review panel from Oct 2012-2015

Scientific advisory panel CNRS RNA unit, Paris.

Scientific evaluation panel CNRS RNA unit, Strasbourg

Faculty of 1000 – from April 2013 to Jan 2018

European Research Council Evaluation Panel for completed applications – 2015, 2016, 2018

Committee for the Nucleic Acids Group, Royal Society of Chemistry, from 2016.

Review panel for Biochemistry, Structural Biology and Molecular Biology of the French National Research Agency, 2017.

DFG review panel for CRISPR grant applications, 2018.

Scientific review and advisory panel, Institute of Biophysics, Czech Academy of Sciences, from 2018

EMBO Fellowship Committee, from 2019

Examples of *ad hoc* roles: Site review panel for the CNRS (Strasbourg 2011 and Paris 2012). Review panel for the DFG (2011, 2014), Wellcome Trust investigator awards. Reviewer for UK Royal Society fellowships, Lister Institute award, L'Oreal Austria 2017 fellowship, Wellcome Trust and HFSP Career Development awards and EMBO fellowships. Guest reviewing editor PNAS, 2016 and eLife, 2017. Reviewer for grant applications from the UK BBSRC; Israel Science Foundation. Faculty evaluation reviews for National University Singapore 2015 and 2017; Duke University, USA 2015 and 2019; University of California Santa Cruz, 2016; University of Texas, Houston, 2016; National University of Singapore, 2017; Case Western Reserve, 2017. Chair selection panel, University of Leicester, UK 2015. Project grant review for ETH 2017. Lister Institute Research Prize 2018. Woolfson award Royal society UK, 2019. Internal funding review evaluation KU Leuven 2018. Research Habilitation Jury, Grenoble, 2018. Tenure evaluation, Institute of Biophysics, Chinese Academy of Sciences; Faculty evaluation, Center for Integrative Biology, Toulouse. Evaluation of FNP prize for Foundation for Polish Science. Review 2 to 4 manuscripts/month for numerous journals.

Recent invited seminars and conference presentations

FASEB Meeting RNA Decay, session chair and speaker Florida, USA July 2020
British Biophysics Society July 2020
Marburg University, May 2020
CRISPR-Cas meeting, Berlin March 2020
Polish-German Crystallographic Meeting February 2020, Wrocław/Poland. Plenary speaker
University of Parma, Dec 2019
4th International Course on Antibiotics and Resistance, Les Pensieres, Annecy France Oct 2019
Cryo-electron microscopy in structural biology 10-11 Rome Oct 2019 EMBO Keynote speaker
MRC Toxicology Unit Leicester Oct 2019
Nucleic Acids Conference, Dundee June 2019
ASM meeting San Francisco, June 2019
Gordon Research Conference Multidrug efflux systems Italy April 2019 Plenary speaker
Imperial College March 2019
CRC conference Dusseldorf March 2019
Molecular Bacteriology meeting Brussels Feb 2019
RNA-REG: Regulatory Circuits in RNA Biology, Vienna Oct 2018
UCL/Birbeck College Sept 2018
British Biophysical Society meeting Southampton July 2018
Gordon Research Conference Bacterial Cell Surfaces, Mount Snow, Vermont June 2018
London RNA Club March 2018
Czech Academy of Sciences, Brno Feb 2018
'Structural biology and biophysics of RNA-protein complexes' Orleans, France Nov 2017
19th GEM Congress Roscoff France November 2017
Frontiers in Cryo-EM microscopy Leicester, Oct 2017
ABC transporters, Paris, Oct 2017
RNA symposium, University Sao Paulo, Brazil July 2017
Brazilian Biochemical and Molecular Biology Society, Brazil July 2017
Translocation workshop, Helmholtz Centre for Infection Research, Braunschweig, Germany, June 2017