



Luca Banfi

Full professor

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Education and training

1981

Master degree in Chemistry

Total synthesis of antibiotic Thermozyomicidin - 110/110 e lode
University of Milan - Milan - IT

Academic experience

1983 - 1998

Assistant professor

University of Genova - Genova - IT

1998 - 2000

Associate Professor

University of Genova - GENOVA - IT

2000 - ONGOING

Full Professor

University of Genova - GENOVA - IT

Language skills

English

Independent

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Luca Banfi has supervised several Ph.D. and post-docs during his career.
Here are the most recent ones:

- 2017-2020: Alessandro Pinna (Ph.D.)
- 2014-2017: Samantha Caputo (Ph.D.)
- 2013-2016: Erika Tassano (Ph.D.)
- 2011-2014: Fabio Morana (Ph. D.)
- 2008-2012: Paola Zito (Ph.D.)
- 2006-2009: Paulina Lecinska (Ph.D.)

- 2016-2018: Chiara Lambruschini (post-doc)
- 2014-2015: Lisa Moni (post-doc)

PhD committees membership

- Director of a doctorate school (2005-2010)
- Member of the teachers' board of a doctorate (2017-present)

Research interests

During all his scientific activity, Luca Banfi has conducted researches in the field of organic synthesis stressing especially three aspects: a) the synthesis of biologically active substances; b) asymmetric synthesis, either with the aid of more traditional systems, or of biological means (enzymes, microorganisms); c) 'diversity oriented synthesis' taking advantage of multicomponent reactions. This last aspect has been increasingly pursued from 1998 to date. Moreover, Luca Banfi has always carried out researches in collaboration with private companies, especially in the pharmaceutical realm. His scientific activity is documented by about 160 research papers on international refereed journals, 8 patents, and 10 books or book chapters. To view the complete publication list:

<http://www.researcherid.com/rid/N-1852-2015>.

Hirsch-index (Scopus) (July 2018) = 35.

AWARDS: In 1992 Luca Banfi was awarded the 'Ciamician Medal', which is assigned every year by the Organic Division of the Italian Chemical Society to a young (less than 36 year old) organic chemist. In 2016 Luca Banfi has been awarded the 'Mangini Medal' assigned by the Organic Division of the Italian Chemical Society to a senior researcher.

Editorial activity

Member of the editorial board of the journal 'Molecular Diversity' from 2003 to present.

In 2003 Luca Banfi has been the chairman of the organizing and scientific committees of the 'Second International Conference on Multi Component Reactions, Combinatorial and Related Chemistry', that was held in Genova, and has been a member of the scientific committee of the following MCR Conferences (Amsterdam 2006, Ekaterinburg, 2009, Hangzhou, 2011, Brasilia, 2015, Duesseldorf, 2018, Cuba 2021).

Assignments abroad

From June 1986 to July 1987, Luca Banfi worked, on sabbatical leave, in the U.S.A. in the group of Prof. William Roush (at the Massachusetts Institute of Technology and at the Indiana University). In this period he carried out researches in the field of asymmetric synthesis with the use of chiral allylboronates.

Other professional activities

From 2009 to 2015 he has been President of the Council of the degree courses in Chemistry. From 2012 to 2015 he has been a member of the Quality Board of Genova University. From november 2018 he is Director of the Department of Chemistry and Industrial Chemistry.