

FRANCESCO NICOTRA CV

Carriera e ruoli internazionali

2018-2019 **President of the IUPAC Division of Organic and Biomolecular Chemistry**
2016-2019 **Direttore Scientifico** della Fondazione European Centre for Nanomedicine (CEN)
2013-2018 Membro del Consiglio di Amministrazione dell'Università degli Studi di Milano-Bicocca
2009-2012 **Presidente della Facoltà di Scienze** dell'Università degli Studi di Milano-Bicocca
2006-2015 **Chairman del subcommittee of Biotechnology of IUPAC**
2002-2008 **Direttore del Dipartimento** di Biotechnologie e Bioscienze
2002- **Italian representative in the International Carbohydrate Organisation**
2000 **Professore Ordinario di Chimica Organica**, Università degli Studi di Milano-Bicocca
1987 Professoressa Associata, Università degli Studi di Milano
1985 Postdoctoral research associate, Prof. Pierre Sinay at University of Orleans
1981 Ricercatore, Università degli Studi di Milano
1973 Laurea "*cum laude*" Università degli Studi di Catania

Coordinatore di progetti nazionali/internazionali:

HORIZON 2020 MSCA-ITN-2014 NABBA *Design and development of advanced Nanomedicines to overcome Biological Barriers and to treat severe diseases*
FP7-PEOPLE-2013-IOF-627403 3D Biomimetics
MIUR, PRIN 2011, *Innovative chemical methodologies for smart biomaterials*
MIUR, PRIN 2008, *LPS Antagonists and Inhibitors of its Biosynthesis: design, synthesis and bioassays*
REGIONE LOMBARDIA, 2010 "*Network Enabled Drug Design*" NEDD
CARIPLO, 2008/3175, "*Development of NMR techniques for tissue engineering studies*"
FP5, Eurocarb

Group leader di progetti nazionali/internazionali:

Ministero della Salute, RF-2016-02362946 (1/3/2018-28/2/2021) Theoryenhancing Projects. Title: *Dissecting the link between pulmonary stromal changes and lung cancer progression for biomarkers discovery and therapeutic intervention*
H2020-NMBP-15-2017- GA-760986, iNanoBIT *Integration of Nano- and Biotechnology for beta-cell and islet Transplantation*
FP7/2007-2013 n° 212043. *NAD, Nanoparticles for therapy and diagnosis of alzheimer disease*
FP5 Marie Curie HPRN-CT-2002-00173, *New carbohydrate Derived Scaffolds for the Generation of Bioactive Libraries*
COST, *Glycolipid Mimics Against Sepsis*
COST BM1003, "*Microbial cell surface determinants of virulence as targets for new therapeutics in Cystic Fibrosis*"
REGIONE LOMBARDIA, 2006, *PANDA*
MIUR, PRIN 2005, n.2005037725
MIUR, FIRB 2006/ RBIP068JL9, *Materiali innovative per lo sviluppo di Bioprotesi articolari*
INTERREG III, 2006, *BIOCAT*

Medaglie e Premi

Nel 2015 è stato insignito della **Medaglia Quilico** della Divisione di Chimica Organica della SCI
Nel 2012 è stato insignito della **Medaglia Berti** del gruppo interdivisionale di Chimica dei Carboidrati.
Nel 2011 è stato insignito del **Premio alla Ricerca** della SCI, Divisione di Chimica Organica

È stato Chair/Co-Chair di Conferenze Internazionali

- 1st Euroconference on Carbohydrates in Drug Research, Stintino, September 1999 (Chair)
- 2nd Euroconference on Carbohydrates in Drug Research, Sintra, Portugal, September 2000 (Chair)
- CHEMBIOTECH2007 at 41st IUPAC World Chemistry Congress, Torino August 2007 (Chair)
- 13th International Biotechnology Symposium, Dalian, China, October, 2008 (Co-Chair)
- 14th International Biotechnology Symposium, Rimini, September 2010 (Co-Chair)
- 15th European, Carbohydrate Symposium, Sorrento, July 2011 (Co-Chair)
- 16th International Biotechnology Symposium, Fortaleza, Brazil, September 2014 (Co-Chair)
- 29th International Carbohydrate Symposium (ICS 2018), Lisboa, Portugal, July, 2018 (Co-Chair)
- NanoMed 2018 Venice Italy October 2018 (Chair)
- 31st International Symposium on the Chemistry of Natural Products, Napoli, October 25-27, 2020 (Co-Chair)

È stato Membro di numerosi International Conference Committees e Advisory Board

XVII International Carbohydrate Symposium, Milano, July 1996
XII International Conference on Organic Synthesis, Venice, June 1998
11th European, Carbohydrate Symposium, Lisbon, September 2001
12th European, Carbohydrate Symposium, Grenoble, July 2003
13th European, Carbohydrate Symposium, August 2005
XVIII International Symposium on Glycoconjugates, Firenze, September 2005
16th International Conference on Organic Synthesis, Merida June 2006
14th European Carbohydrate Symposium Lübeck, Germany, September, 2007
Carbohydrates as Organic Row materials V, Lisbom. January 20-23, 2009
14th European, Carbohydrate Symposium, Wien, July 2009
18th International Conference on Organic Synthesis, Bengen, August 2010
6th International Carbohydrate Symposium, Madrid, July 2012
16th European Carbohydrate Symposium, Tel Aviv, July 2013
17th International Biotechnology Symposium, Melbourne, Australia, October 2016
22nd International Conference on Organic Synthesis, Firenze, September 16-21, 2018
30th International Symposium on the Chemistry of Natural Products, November 25-29, 2018
25 International Symposium on Glycoconjugates, Milano, August 25-31, 2019
12th International Symposium on Bioorganic Chemistry (ISBOC-12), Shenzen, China, December 15-18th, 2019
XXIII International Conference on Organic Synthesis (23-ICOS), Shanghai, October 18-23, 2020

È valutatore di progetti per

European Community, FP5, FP6, FP7, COST, Horizon2020; European Research Council; European Science Fundation; Swiss Council; Austrian Science Found (FWF); French National Research Agency (ANR); ISERM (France); Fondation Recherche Medicale (France); Netherlands Organisation for Scientific Research (NWO); Portuguese Foundation for Science and Technology (FCT); Czech Republic (GACR); SoMoPro (South Moravian Programme); Polish National Research Centre; Romanian Government (UEFISCDI); Croatian Agency for Science, La Caixa Foundation; Ireland Curam MedTrain; Regione Emilia Romagna; Regione Piemonte; Provincia autonoma di Trento. University of Milano, Firenze, Padova, Verona; Fondazione Cariplo.

È stato invitato a far parte delle commissioni valutatrici delle seguenti posizioni all'estero

- Doctorate of Daniela Fattori, University of Lausanne, 1991
- Abilitation of Dr. Juean Xie, University Paris VI, 1997
- Doctorate of Francesco Peri, University of Lausanne, 1999
- Abilitation of Dr. Claude Taillefumier University of Nancy,
- Evaluation of the CNRS Centre "CERMAV", Grenoble,
- Abilitation of Dr Tanja Wroddnig, Technical University of Graz, 2006
- Doctorate of Omar Boutoureira, Universidad Rovira i Virgili, Spain, 2007
- Doctorate of Alexander Titz, University of Basel, 2008
- Doctorate of Iolanda Martin, University of Tarragona, 2012
- Doctorate of Francisco Ribeiro Cardona, University of Aveiro, 2013
- Associated Professor for Micha Fridman at the University of TelAviv, 2015
- Doctorate of martina Tuttolomondo, University of Odense, 2017
- Doctorate Daniele Vinciguerra, Université Paris Saclay, 2018

Plenary o invited lecturer in conferenze nazionali/internazionali

IX Corso Estivo "A. Corbella", Gargnano, 18-22 June 1984
II Convegno sulla Chimica dei Carboidrati, 29-30 April 1988
Struttura e reattività di molecole di interesse biologico e loro modelli, Montecatini, 22-26/10 1990
XV Corso Estivo "A. Corbella", Gargnano, 18-22 June 1990
XVI International Carbohydrate symposium, Paris, 5-10 July 1992

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XXI Convegno Nazionale della Divisione di Chimica Organica, Terrasini, 29-Sett-2-October 1993.
First Euroconference on Carbohydrate Mimics, Strasburg, May 15-18, 1995
Convegno nazionale su orientamenti e metodologie in chimica farmaceutica, organica e bioorganica, Numana, 2-6 June 1995
XIX Congresso Nazionale Ricerca e Tecnologia, Riccione, 9-14 June 1996
Glucoportwo, Oporto, September 21-25, 1997
Second International Meeting of the Portuguese Carbohydrate Chemistry Group, Oporto, 21-25 September 1997
215th American Chemical Society National Meeting, Dallas, March 29-April 2, 1998
Fourteenth New Orleans Carbohydrate Symposium, New Orleans, April 2-4, 1998
10th European Carbohydrate Symposium, Galway, July 11-16, 1999
219th American Chemical Society National Meeting, San Francisco, March 26-30, 2000.
VII Convegno sulla Chimica dei Carboidrati, Napoli, 19-21 June 2000
3rd Spanish-Italian Symposium on Organic Chemistry (SISOC-3) Benalmadena, September 2000.
10th Bratislava Symposium on saccharides, September 1-6, 2002 Smolenice
10th Ischia Advanced School of Organic Chemistry, Ischia September 21-26, 2002
Third Italian-French Meeting on Organic Chemistry, Pisa, November 20-23, 2002
International Symposium on Modern Aspects of Sugar Chemistry, Warsaw September 29, 2003
Gluport5, Covilha, September 7-10, 2003
From Chemistry to technology, Belvedere di San Leucio, Caserta 11-13 November 2004
Sugar in the synthesis of natural products, Paszkowka 8-13 June 2005
Eurocarb 13, Bratislava, August 2005
XXII Europeam Colloquium on Heterocyclic Chemistry, Bari 2-6 September 2006
233 ACS National Meeting, Chicago, March 25-29, 2007
3rd ERA Chemistry "Flash" Conference, Killarny, March 9-13, 2008
IBS2008 International Biotechnology Symposium, Dalian, China, October 12-19, 2008
New Trends in Organic Synthesis, Milano, November 24, 2008
ESMEC-European School of Medicinal Chemistry-Urbino. September 13-18, 2009
Workshop "Glycoscience: tools and molecules", Milano 15-16 December 2010
GAFHI 2011, May 26-29, 2011, Goslar, Germany
ESF-COST High-Level Research Conference: Natural Products: chemistry, Biology and Medicine IV, Maratea, 28 August-2 September 2011
XXIV Congresso della Società Chimica Italiana Lecce 11-16 September 2011,
DCSB 2012, Napoli September 24-25 2012,
Nanoparticles and Nanotechnologies in Biomedicine, Bresso, 19-21 June 2013,
6th Central Europe Conference, Chemistry towards Biology 2013, Trieste, 10-13 September 2013
27th International Carbohydrate Symposium, Bangalore, 12-18 January 2014
Frontiers in chemistry and biology of carbohydrates, Pune, India, 19-20 January 2014
CARBO XXVIII (International conference on challenges in chemistry and biology of carbohydrates), Dehradon, India, 20-22 January 2014
16th International Biotechnology Symposium, Fortaleza, Brazil, September 14-19 2014 (PL)
ISBOC-10 IUPACs International Symposium on BioOrganic Chemistry, Pune, India, 11-15 January 2015
18th European Carbohydrate Symposium, Moskow, August 4-8 2015 (PL)
XXXVI Convegno della Divisione di Chimica Organica, SCI, Bologna 13-17 Settembre 2015 (PL)
16th Austrian Chemistry Days, Innsbruck, 21-24 Settembre 2015
Portugise Organic and Medicinal Chemistry Meeting, Porto, 1-3 Dicembre 2015
11th International Conference and Workshop on Biological Barriers, Saarland Univ. 7 – 9 March 2016
International Biotechnology Symposium, Melbourne 24-27 October 2016 (PL)
Materials.it 2016, Catania, 12-16 December 2016
International School of nanomedicine, Erice, 8-13 April 2017
International Summer School on Natural Products (ISSNP), Napoli, 1-5 July 2019 (PL).
International Summer School on Hybrid (bio)Nanostructures, Alghero, 3-7 September 2019 (PL).

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Pubblicazioni: Coautore di >200 pubblicazioni su riviste internazionali con IF, 18 capitoli di libri, 12 brevetti. H index 39 (Google Scholar), 34 (Scopus).

Editore di: Current Trends in Organic Synthesis, Kluwer Academic/Plenium Publisher, New York, 1999
Pure and Applied Chemistry, 2008. "Organic and Biomolecular Chemistry", the UNESCO Universal Encyclopedia (EOLSS)