



PERSONAL INFORMATION


Rino Ragno

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Sex Male | Nationality Italian

POSITION

Full Professor

BIOSKETCH

Rino Ragno is a full professor at the Pharmacy and Medicine Faculty, Sapienza University of Rome where is in charge to teach medicinal chemistry at bachelor, master and PhD level.

In 1989 he finished the 5-year thesis in Pharmaceutical Chemistry and Technology at Sapienza University of Rome. Since 1990 he is enrolled in Sapienza University of Rome. In 1996-1998 he spent two years at the Center for Molecular Design lab directed by prof Garland Marshal ad Washington University of St Louis (MO - USA). Since 1999, he started a new med chem design lab (www.rcmd.it) with the aim to apply computational methodologies in the field of medicinal chemistry. In 2005 he was awarded by the Italian Chemical Society - Italian division of medicinal chemistry for its research in medicinal chemistry.

From 2000 to 2010 he was an assisant professorand form 2010 20 2022 associate professor at Sapienza University of Rome.

Since 2015 he is in charge of leading the Sapienza MOOC Team to produce new MOOCs from Sapienza.

He published 160 international papers (155 listed in scopus.com) and presented more than 160 posters/oral communications at international meetings.

The main fields of the research are:

- Computational Medicinal Chemistry;
- Development of new QSAR and 3-D QSAR methods;
- Extraction, analysis and biological activity of essential oils;
- Development of scientific web sites (www.3d-qsar.com and eo.3d-qsar.com).
- Drug Design through computational techniques: machine learning, molecular docking
- Virtual Screening to select new potential bioactive compounds

WORK EXPERIENCE

March 2022 - Present

Full Professor

Dept. Drug Chemistry and Technology - Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it) - Academic Recruitment Field: Medicinal, Toxicological and Nutritional Chemistry and Applied Technologies (03/D1), Academic Discipline: Pharmaceutical Chemistry CHIM/08

- Teacher of Medicinal Chemistry courses at Bachelor, Master and PhD Degree Level at Sapienza Rome University
- Component of the Pharmaceutical Science PhD Program Committee
- Component of the Farmacy and Medicine Web Committee
- Vice-President of Sapienza University Editorial Web Committee
- Reference for Sapienza MOOC activities

- December 2010 - March 2022 **Business or sector** Medicinal Chemistry (CHIM08)
Associate Professor
 Dept. Drug Chemistry and Technology - Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
- May 2016 - Present **President of Alchemical Dynamics a University Start Up**
 www.alchemicaldynamics.com
- November 2000 – December 2010 **Assistant Professor**
 Dept. Drug Chemistry and Technology - Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
- October 1990 – November 2000 **Assistant Professor**
 Dept. Drug Chemistry and Technology - Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
- March 1996 – March 1998 **Post-Doc**
 Center for Molecular Design - Washington University of St Louis - directed by prof. Garland R. Marshall.
- January 1999 - **Rome Center for Molecular Design Coordinator**
 Dept. Drug Chemistry and Technology - Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
- Sep 2009, Sep 2011, Sep 2014 **Visiting Professor**
 Laboratoire d'Ingénierie Moléculaire et Biochimie Pharmacologique chaired by Professeur Gilbert KIRSCH – Ex Université Paul Verlaine Metz - UMR CNRS 7565 SRSMC Université de Lorraine (France)

EDUCATION AND TRAINING

- Nov 1990 – Feb 1992 **Master Degree in Pharmacy** Master
 Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
 ▪ Experimental Thesis in Synthesis of antifungal compounds – Rank 110/110 cum laude
- December 1991 **Pharmacist State Abilitation** Master
 Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
- Nov 1985 – Nov 1989 **Master Degree in Medicinal Chemistry** Bachelor + Master
 Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)
 ▪ Experimental Thesis in Synthesis of antiviral compounds – Rank 110/110 cum laude
- Sep 1980 – June 1985 **Chemistry high School** High School
 ITIS GL Bernini Roma

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through my experience as teacher at University and several International Congresses

Organisational / managerial skills

- Leadership (currently responsible for a team of more than 10 people)

Job-related skills

- Good command of quality control processes (currently responsible of a computational lab)

- Computer skills
- Good command of Microsoft Office™ tools
 - MS Windows Operating System
 - MacOSX Operating System
 - Linux Operating System
 - HTML, C, bash, python programming
 - Web Master (Drupal, Django, Joomla!)
 - Machine learning modeling
- Other skills
- Medicinal Chemist
 - Drug Design
 - Molecular Modeling
 - Extraction of Natural Compounds
 - E-learning (Moodle, Coursera, MOOC)
- Driving licence
- A + B + C

ADDITIONAL INFORMATION

Follow

Publications of last 5 years

N References

- 1 Diego Muñoz-Torrero, Arduino A. Mangoni, Hong Liu, Christopher Hulme, Jarkko Rautio, Rafik Karaman, Maria Emília de Sousa, Katalin Prokai-Tatrai, Jean-Marc Sabatier, Carlo Siciliano, F. Javier Luque, George Kokotos, **Rino Ragno**, Simona Collina, Catherine Guillou, Michael Gütschow and Luigi A. Agrofoglio. *Molecules* **2018**, 23(1), 65; doi:10.3390/molecules23010065
- 2 Manuela Sabatino, Dante Rotili, Alexandros Patsilinos, Mariantonietta Forgiione, Daniela Tomaselli, Frédéric Alby, Paola B. Arimondo, Antonello Mai, **Rino Ragno**. *J Comput Aided Mol Des* (2018). <https://doi.org/10.1007/s10822-018-0096-z>
- 3 Alessandra Masci, Simone Carradori, Maria Antonietta Casadei, Patrizia Paolicelli, Stefania Petralito, **Rino Ragno**, Stefania Cesa. Lycium barbarum polysaccharides: Extraction, purification, structural characterisation and evidence about hypoglycaemic and hypolipidaemic effects. A review. *Food Chemistry* (2018)
- 4 L. Antonini, S. Garzoli, A. Ricci, A. Troiani, C. Salvitti, P. Giacomello, **R. Ragno**, A. Patsilinos, B. Di Rienzo and F. Pepi. Ab-initio and experimental study of pentose sugar dehydration mechanism in the gas phase. *Carbohydrate Research* 458-459 (2018) 19-28
- 5 Marco Artini, Alexandros Patsilinos, Rosanna Papa, Mijat Božović, Manuela Sabatino, Stefania Garzoli, Gianluca Vrenna, Marco Tilotta, Federico Pepi, **Rino Ragno** and Laura Selan. Antimicrobial and antibiofilm activity and machine learning classification analysis of essential oils from different Mediterranean plants against *Pseudomonas aeruginosa*. *Molecules* (2018)
- 6 Dr. Vincenzo Carafa, Angela Nebbioso, Francesca Cuomo, Dr. Dante Rotili, Dr. Gilda Cobellis, Dr. Paola Bontempo, Dr. Baldi Alfonso, Dr. Enrico P Spugnini, Dr. Gennaro Citro, Dr. Angela Chambery, Dr. Rosita Russo, Dr. Menotti Ruvo, Dr. Paolo Ciana, Dr. Luca Maravigna, Dr. Jani Shaik, Dr. Enrico Radaelli, Dr. Pasqualino De Antonellis, Dr. Domenico Tarantino, Dr. Adele Pirolli, **Dr. Rino Ragno**, Dr. Massimo Zollo, Dr. Hendrik G. Stunnenberg, Dr. Antonello Mai. RIP1-HAT1-SirT complex identification and targeting in treatment and prevention of cancer. *Clinical Cancer Research* MS# CCR-17-3081R (2018)
- 7 Mijat Božović, Stefania Garzoli, Anna Baldisserotto, Elisa Andreotti, Federico Pepi, Stefania Cesa, Silvia Vertuani, Stefano Manfredini and **Rino Ragno**. Melissa officinalis L. subsp. altissima (Sibth. & Sm.) Arcang. Essential Oil: Chemical Composition and Preliminary Antimicrobial Investigation of Samples Obtained at Different Harvesting Periods and by Fractionated Extractions. *Industrial Crops and Products* (2018)
- 8 Alexandros Patsilinos, **Rino Ragno**, Simone Carradori, Stefania Petralito, Stefania Cesa. Carotenoid content of Goji berries: CIELAB, HPLC-DAD analyses and quantitative correlation. *Food Chemistry* (2018)

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- 9 Mijat Božović, Stefania Garzoli, Anna Baldisserotto, Elisa Andreotti, Stefania Cesa, Federico Pepi, Silvia Vertuani, Stefano Manfredini & **Rino Ragno**. Variation in Essential Oil Content and Composition of *Ridolfia segetum* Moris based on 30-hour Prolonged Fractionated Extraction Procedure. (ID: 1561688 DOI:10.1080/14786419.2018.1561688). Journal: Natural Product Research (2019)
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- 10 Arduino A Mangoni, Catherine Guillou, Jean Jacques Vanden Eynde, Christopher Hulme, Josef Jampilek, Wei Li, Katalin Prokai-Tatrai, Jarkko Rautio, Simona Collina, Tiziano Tuccinardi, Maria Emília de Sousa, Jean-Marc Sabatier, Stefania Galdiero, Rafik Karaman, George Kokotos, Giangiacomo Torri, F. Javier Luque, M. Helena Vasconcelos, Dimitra Hadjipavlou-Litina, Carlo Siciliano, Michael Gütschow, **Rino Ragno**, Paula A. C. Gomes and Diego Muñoz-Torrero. Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes-4. *Molecules* **2019**, 24, 130; doi:10.3390/molecules24010130
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- 11 Nawrozkij Maxim, Forgione Mariantonietta, Yablokov Alexandre, Lucidi Alessia, Tomaselli Daniela, Patsilinakos Alexandros, Panella Cristina, Hailu Gebremedhin, Kirillov Ivan, Badia Roger, Riveira Muñoz Eva, Crespan Emmanuele, Armijos-Rivera Jorge, Cirilli Roberto, **Ragno Rino**, Este Jose, Maga Giovanni, Mai Antonello, Rotili Dante. Effect of α -Methoxy Substitution on the anti-HIV Activity of Dihydropyrimidin-4(3H)-ones". *J. Med. Chem* (2019)
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- 12 G. Stazi, C. Battistelli, V. Piano, R. Mazzone, B. Marrocco, S. Marchese, S.M. Louie, C. Zwergel, L. Antonini, A. Patsilinakos, **R. Ragno**, M. Viviano, G. Sbardella, A. Ciogli, G. Fabrizi, R. Cirilli, R. Strippoli, A. Marchetti, M. Tripodi, D.K. Nomura, A. Mattevi, A. Mai, S. Valente, Development of alkyl glycerone phosphate synthase inhibitors: Structure-activity relationship and effects on ether lipids and epithelial-mesenchymal transition in cancer cells, *European Journal of Medicinal Chemistry* (2019), doi: <https://doi.org/10.1016/j.ejmech.2018.11.050>
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- 17 **Rino Ragno**. www.3d-qsar.com. A Web Portal that Brings 3-D QSAR to All Electronic Devices. The Py-CoMFA Web Application as Tool to Build Models from Pre-Aligned Datasets. *Journal of Computer-Aided Molecular Design*, (2019) 33:855–864. <https://doi.org/10.1007/s10822-019-00231-x>
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- 19** Stefania Garzoli, Lorenzo Antonini, Anna Troiani, Chiara Salvitti, Pierluigi Giacomello, Alexandros Patsilidakos, **Rino Ragno**, Federico Pepi. Gas-phase structures and thermochemical properties of protonated 5-HMF isomers. *International Journal of Mass Spectrometry*, 2020, <https://doi.org/10.1016/j.ijms.2019.116237>
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- 24** Silvia Caroselli, Clemens Zwergel, Adele Pirolli, Manuela Sabatino, Zhanjie Xu, Gilbert Kirsch, Antonello Mai, Gianni Colotti, Fabio Altieri, Rita Canipari, Sergio Valente, **Rino Ragno**. Discovery of the First Human Arylsulfatase A Reversible Inhibitor Impairing Mouse Oocyte Fertilization, 2020, <https://doi.org/10.1021/acscchembio.9b00999>
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- 25** Tanira Matutino Bastos, Milena Botelho Pereira Soares, Caio Haddad Franco, Laura Alcântara, Lorenzo Antonini, Manuela Sabatino, Nicola Mautone, Lucio Holanda Freitas Junior, Carolina Borsoi Moraes, **Rino Ragno**, Dante Rotili, Sergio Schenkman, Antonello Mai and Nilmar Silvio Moretti. Identification of Inhibitors to *Trypanosoma cruzi* Sirtuins Based on Compounds Developed to Human Enzymes. *Int. J. Mol. Sci.* 2020, 21, 3659. DOI: <https://doi.org/10.3390/ijms21103659>
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- 26** Maura Di Vito, Maria Grazia Bellardi, Maurizio Sanguinetti, Francesca Mondello, Antonietta Girolamo, Lorenzo Barbanti, Stefania Garzoli, Manuela Sabatino, **Rino Ragno**, Alberto Vitali, Ivana Palucci, Brunella Posteraro, Antonio Gasbarrini, Gian Maria Prati, Giovanni Aragona, Paola Mattarelli and Francesca Bugli. Potent in vitro activity of *Citrus aurantium* essential oil and *Vitis vinifera* hydrolate against gut yeast isolates from irritable bowel syndrome patients: the right mix for potential therapeutic use. *Nutrients* 2020, 12, 1239; doi: <https://doi.org/10.3390/nu12051329>
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- 27** Manuela Sabatino, Marco Fabiani, Mijat Bozovic, Stefania Garzoli, Lorenzo Antonini, Maria Elena Marcocci, Anna Teresa Palamara, Giovanna De Chiara, **Rino Ragno**. Experimental Data Based Machine Learning Classification Models with Predictive Ability to Select in-vitro Active Antiviral and Non-Toxic Essential Oils. *Molecules* 2020, 25, 2452. DOI: <https://doi.org/10.3390/molecules25102452>
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- 60** Vukić, Milena D., Nenad L. Vuković, Milan Mladenović, Nevena Tomašević, Sanja Matić, Snežana Stanić, Filippo Sapienza, **Rino Ragno**, Mijat Božović, and Miroslava Kačániová. **2022**. "Chemical Composition of Various *Nepeta cataria* Plant Organs' Methanol Extracts Associated with *In Vivo* Hepatoprotective and Antigenotoxic Features as well as Molecular Modeling Investigations" *Plants* 11, no. 16: 2114. <https://doi.org/10.3390/plants11162114>
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- 61** Rossella Fioravanti, Eleonora Proia, Ivan N. Tyurenkov, Denis V. Kurkin, Dmitry A. Bakulin, Nikolay S. Kovalev, Dmitry S. Sheikin, Ivan A. Kirillov, Maxim B. Nawrozkij, Andrey A. Vernigora, Leila L. Brunilina, Francesco Fiorentino, Milan Mladenović, Dante Rotili, **Rino Ragno**, Pyrimidine thioethers: A novel class of antidepressant agents, endowed with anxiolytic, performance enhancing and nootropic activity, *European Journal of Medicinal Chemistry*, Volume 245, Part 2, **2023**, 114902, ISSN 0223-5234, <https://doi.org/10.1016/j.ejmech.2022.114902>
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- 63** Makhoba XH, Ragno R, Kaiser A, Agostinelli E. An Undefined Interaction between Polyamines and Heat Shock Proteins Leads to Cellular Protection in *Plasmodium falciparum* and Proliferating Cells in Various Organisms. *Molecules*. **2023** Feb 10;28(4):1686. doi: 10.3390/molecules28041686. PMID: 36838674; PMCID: PMC9958663.
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- 64** Taglienti A, Donati L, Dragone I, Ferretti L, Gentili A, Araniti F, Sapienza F, Astolfi R, Fiorentino S, Vecchiarelli V, Papalini C, Ragno R, Bertin S. In Vivo Antiphytoviral and Aphid Repellency Activity of Essential Oils and Hydrosols from *Mentha suaveolens* and *Foeniculum vulgare* to Control Zucchini Yellow Mosaic Virus and Its Vector *Aphis gossypii*. *Plants (Basel)*. **2023** Feb 28;12(5):1078. doi: 10.3390/plants12051078. PMID: 36903936; PMCID: PMC10005592.
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Oral Presentations at Conferences
(Last 5 Years)

1. XXIII National Meeting on Medicinal Chemistry. Salerno 2015
 2. IV Congresso Nazionale dell'Associazione Scientifica S.I.R.O.E. Roma, 25-26 novembre 2016
 3. Giornata Formativa SIROE sugli Oli Essenziali. Sapienza, Roma 8 settembre 2017
 4. NanoInnovation 2018 Conference & Exhibition Rome, 11-14 September
 5. The 22nd European Symposium on Quantitative Structure-Activity Relationships EuroQSAR 2018 September 2018 16 – 20 Thessaloniki, Greece
 6. 2nd Molecules Medicinal Chemistry Symposium (MMCS): Facing Novel Challenges in Drug Discovery, Barcelona, Spain, 15–17 May 2019
 7. 2nd Global Summit on Dermatology and Cosmetology Edinburgh, Scotland September 09-10, 2019
 8. COST CM1406 Epigenetic Chemical Biology Scientific Workshop, 18-20 February 2019 Campus de Gambelas, University of Algarve, Faro, Portugal
 9. Repositioning Natural Products in Drug Discover, FRIDAY, JANUARY 17th, 2020. University of Modena and Reggio Emilia
 10. Invited for the plenary lecture at the 57th Meeting of the Serbian Chemical Society (scheduled for October 02-03. 2020 and postponed to June 18-19 2021 as an online meeting)
- ✓ 2016: Laboratoire d'Ingénierie Moléculaire et Biochimie Pharmacologique – Ex Université Paul Verlaine Metz - UMR CNRS 7565 SRSMC Université de Lorraine (France)
- ✓ 2017: Laboratoire d'Ingénierie Moléculaire et Biochimie Pharmacologique – Ex Université Paul Verlaine Metz - UMR CNRS 7565 SRSMC Université de Lorraine (France)

ERASMUS Teaching Mobility

Honours and awards	<ul style="list-style-type: none"> ✓ 2018: Laboratoire d'Ingénierie Moléculaire et Biochimie Pharmacologique – Ex Université Paul Verlaine Metz - UMR CNRS 7565 SRSMC Université de Lorraine (France) ✓ 2019: Laboratoire d'Ingénierie Moléculaire et Biochimie Pharmacologique – Ex Université Paul Verlaine Metz - UMR CNRS 7565 SRSMC Université de Lorraine (France) ✓ 2019: University of Barcelona (ES) – Pharmacy Faculty ✓ 2019: King's College of London (UK) – Pharmacy Faculty ✓ 2019: University of Motenegro (MN) – Science Faculty ✓ 2020: University of East Anglia (UK) – Pharmacy Faculty • 2005: Italian Division of Medicinal Chemistry Award for the Research in Medicinal Chemistry
Last Grants	<ul style="list-style-type: none"> ➤ Progetti di Ricerca e Sviluppo da realizzare nell'ambito degli Accordi di Innovazione ridefiniti nel DM 31 dicembre 2021 del Ministero per lo Sviluppo Economico e perfezionati nel DD del 18 marzo 2022, n.721. Ricerca per l'identificazione di nuovi approcci terapeutici nell'Oftalmologia con particolare riguardo alla "Innovazione nella terapia farmacologica della profilassi pre e post- operatoria della chirurgia oftalmologica". Finanziamento 378.000 Euro, durata 36 mesi ➤ Italian Minister of Education: PRIN 2017 (141.100 euro/three years 2019-2022) Class IIa HDACs as therapeutic targets in human diseases: new roles and new selective inhibitors. ➤ European commission: Modernizing and Enhancing Indian E Learning Educational Strategies "MIELES". (573708-EPP-1-2016-1ES-EPPKA2-CBHE-JP) (45915 euro/three years 2017-2020) ➤ Ricerche di Ateneo 2018: 12000 euro/year ➤ Ricerche di Ateneo 2019: 14.500 euro/year ➤ Ricerche di Ateneo 2020: 13.000 euro/year
Conferences Organization/Scientific Committees	<ol style="list-style-type: none"> 1. 22° National Meeting on Medicinal Chemistry. Scheduled for Roma 10-13 Settembre 2013 and postponed for COVID19 emergency to July 2022 (https://mmcs2022.sciforum.net/) 2. Free Drupal Global Training Day - Venerdì 5 Febbraio 2016. Sapienza Università di Roma 3. Drupal Day 2017. 3-4 marzo 2017. Sapienza Università di Roma 4. Giornata Formativa SIROE sugli Oli Essenziali. Roma – Sapienza Università di Roma, 8 settembre 2017 5. Moodle MOOT Ita 2017. Roma – Sapienza Università di Roma, 28-30 settembre 2017 6. Member of CDA – SIROE 7. 3rd MMCS: "Shaping Medicinal Chemistry for the New Decade" 16–18 Feb 2022, Rome, Italy, Inizialmente previsto per il 2021 ma poi reinviato per l'emergenza COVID19 8. VII Congresso Nazionale della SIROE – Roma 2023
Textbooks or Book Chapters	<ol style="list-style-type: none"> 1. Garland Marshall, Richard Head and Rino Ragno Affinity Prediction: The Sine Qua Non. Thermodynamics in Biology, Enrico di Cera, Editor, Oxford University Press. 87-111. 2000. 2. Rino Ragno. Tecniche di Screening per i nuovi farmaci. Alla ricerca del farmaco perduto, Carlo Tomino, Medi Service 2010, ISBN: 8890545925, ISBN-13: 9788890545924. 3. Ragno, R. Structure-Based Modeling of Histone Deacetylases Inhibitors. Epi-Informatics: Discovery and Development of Small Molecule Epigenetic Drugs and Probes. (2016) pp. 155-212. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969722024&partnerID=40&md5=7e3020d6066e9a74a980146e42febd9f 4. Milan Mladenović, Rino Ragno, Nevena Stanković, Nezrina Mihović, "RACIONALNI DIZAJN BIOAKTIVNIH JEDINJENjA: Od teorijskog do praktičnog pristupa", ("RATIONAL DESIGN OF BIOACTIVE COMPOUNDS: From theoretical to practical approach") ISBN: 978-86-6009-054-8
Patents	<ol style="list-style-type: none"> 1. Mentha suaveolens essential oil and therapeutic activities thereof By Angiolella, Letizia; Ragno, Rino From Ital. (2013), IT 1398185 B1 20130214. Language: Italian, Database: CAPLUS 2. Mentha suaveolens essential oil and therapeutic activities thereof By Angiolella, Letizia; Ragno, Rino From PCT Int. Appl. (2011), WO 2011092655 A2 20110804. Language: English, Database: CAPLUS 3. Three-dimensional structure-based modeling predicting target selectivity in drug design By Ragno, Rino; Marshall, Garland R.; Ballante, Flavio From PCT Int. Appl. (2015), WO 2015002860 A1 20150108. Language: English, Database: CAPLUS

Bibliometric Informations

Scopus (26/03/2023)

- Total Papers 155
- H-Index: 38
- Total Citations: 4223

Journal Editing

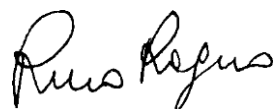
1. Academic Editor for Molecules (<http://www.mdpi.com/journal/molecules>)
2. Academic Editor for International Journal of Molecular Science (<http://www.mdpi.com/journal/ijms>)

Journal Reviewing

1. Reviewer for Medicinal Chemistry related journals
 - J. Med. Chem.
 - ACS Med. Chem. Lett.
 - European J. Med Chem.
 - Bioorg. Med. Chem.
 - Bioorg. Med. Chem. Lett.
 - Current Pharmaceutical Design
 - Medicinal Chemistry
 - Molecules
 - Journal of Pharmacy and Pharmacology
 - Medicinal Research Reviews
 - European Journal of Pharmaceutical Sciences
 - Journal of Enzyme Inhibition And Medicinal Chemistry
 - Medicinal Research Reviews
 - Cancers
 - LETTERS IN DRUG DESIGN & DISCOVERY
 - ChemMedChem
 - Medicinal Chemistry Communications
2. Reviewer for Chemical Informatic related journals
 - Journal of Chemical Information and Modeling
 - Bioinformatics
 - Journal of Molecular Graphics and Modelling
 - Molecular Informatics
 - Journal of Molecular Modeling
 - Journal of Computational Chemistry
 - Journal of Computer-Aided Molecular Design
 - PROTEINS: Structure, Function, and Bioinformatics
 - Chemical Biology & Drug Design
3. Reviewer for Natural Product related journals
 - Natural Product Research
4. General Biological and Chemistry related Journals
 - Nucleic Acids Research
 - The Journal of Physical Chemistry
 - FEBS Journal
 - Journal of the Taiwan Institute of Chemical Engineers

Rome 26 Marzo 2023

Rino Ragno

A handwritten signature in black ink that reads "Rino Ragno".