

PERSONAL INFORMATION

Rino Ragno



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💬 **Skype contact:** rino.ragno

Sex Male | Nationality Italian

POSITION

Associate Professor

WORK EXPERIENCE

December 2010 - Present

Associate Professor

Dept. Drug Chemistry and Technology - Sapienza University of Rome (Piazzale Aldo Moro, 5 00185 Roma – www.uniroma1.it)

- 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 Pharmacy and Medicine Web Committee
- Vice-President of Sapienza University Editorial Web Committee
- Reference for Sapienza MOOC activities

March 2017

Business or sector Medicinal Chemistry (CHIM08)

Enabled to Full Professorship for Medicinal Chemistry Research and Teaching.

ASN results 2016-2018. Academic Recruitment Field: Medicinal, Toxicological and Nutritional Chemistry and Applied Technologies (03/D1), Academic Discipline: Pharmaceutical Chemistry CHIM/08

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
- 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
- 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 programmer
 ▪ Web Master (Drupal, Django, Joomla!)
- Other skills ▪ Medicinal Chemist
 ▪ Drug Design
 ▪ Molecular Modeling
 ▪ E-learning (Moodle, Coursera, MOOC)
- Driving licence ▪ A + B + C

ADDITIONAL INFORMATION

Publications
2010-2020

N References

- 1 Sabrina Castellano, Ciro Milite, **Rino Ragno**, Silvia Simeoni, Antonello Mai, Ettore Novellino, Ingo Bauer, Gerald Brosch, Astrid Spannhoff, Donghang Cheng, Mark T. Bedford and Gianluca Sbardella. Design, Synthesis and Biological Evaluation of Carboxy- Analogues of Arginine Methyltransferase Inhibitor 1 (AMI-1). *ChemMedChem*, **2010**, 5, 398-414

- 2 Ira Musmuca, Antonia Caroli, Antonello Mai, Neerja Kaushik-Basu, Payal Arora and **Rino Ragno***. Combining 3-D QSAR with Ligand Based and Structure Based Alignment Procedures for in Silico Screening of New Hepatitis C Virus NS5B Polymerase Inhibitors. *J. Chem. Inf. Model.*, **2010**, 50(4), 662-676

- 3 Letizia Angiolella, Elisabetta Vavala, Silvia Sivric, D'Auria Felicia Diodata, **Rino Ragno**. In vitro activity of essential oil of *Mentha suaveolens*. against *Cryptococcus neoformans*, and dermatophytes. *International Journal of Essential Oil Therapeutics* (**2010**), 4(1-2), 35-36.

- 4 Sergio Valente, Maria Tardugno, Mariarosaria Conte, Roberto Cirilli, Andrea Perrone, **Rino Ragno**, Silvia Simeoni, Silvio Massa, Angela Nebbioso, Marco Miceli, [b] Gianluigi Franci, Gerald Brosch, Lucia Altucci, and Antonello Mai. Novel Cinnamyl Hydroxamides and 2-Aminoanilides as Histone Deacetylase Inhibitors: Apoptotic Induction and Cytodifferentiation Activity. *ChemMedChem*, **2011**, 6(4), 698-712

- 5 Pepi, Federico; Mazzei, Franco; Frascioni, Marco; Favero, Gabriele; Giacomello, Pierluigi; Tata, Alessandra; garzoli, stefania; Di Fusco, Massimo; D'Annibale, Andrea; **Ragno, Rino**; Patsilnakos, Alexandros; Cannistraro, Salvatore; Baldacchini, Chiara. Chemically modified multi-walled carbon nanotubes electrodes with ferrocene derivatives through reactive landing. *The Journal of Physical Chemistry* (**2011**), 115(11), 4863-4871

- 6 Nocca, G.; **Ragno, R.**; Carbone, V.; Martorana, G. E.; Rossetti, D. V.; Gambarini, G.; Giardina, B.; Lupi, A. Identification of glutathione-methacrylates adducts in gingival fibroblasts and erythrocytes by HPLC-MS and capillary electrophoresis. *Dental Materials* (**2011**), 27:e87-98

- 7 Pietrella D., Angiolella L., Vavala E., Rachini A., Mondello F., **Ragno R.**, Bistoni F., Vecchiarelli A. Beneficial effect of *Mentha suaveolens* essential oil in the treatment of vaginal candidiasis assessed by real-time monitoring of infection. *BMC complementary and alternative medicine* (**2011**), 11, 18

- 8 **Ragno R**, Gioia U, Laneve P, Bozzoni I, Mai A, Caffarelli E. Identification of Small-Molecule Inhibitors of the XendoU Endoribonucleases Family. *ChemMedChem*. **2011** Oct 4;6(10):1797-805. doi: 10.1002/cmdc.201100281. Epub 2011 Jul 29.

- 9 Daniel Brian Nichols, Guy Fournet, Gurukumar K.R., Amartya Basu, Jin-Ching Lee, Naoya Sakamoto, Frank Kozielski, Ira Musmuca, Benoît Joseph.* **Rino Ragno**.* Neerja Kaushik-Basu*. Inhibition of Hepatitis C Virus NS5B Polymerase by S-Trityl-LCysteine Derivatives. *Eur. J. Med Chem.* **2012**. 49C, 191-9.

- 10 Dante Rotili, Alberta Samuele, Domenico Tarantino, **Rino Ragno**, Ira Musmuca, Flavio Ballante, Giorgia Botta, Ludovica Morera, Marco Pierini, Roberto Cirilli, Maxim B. Nawrozkij, Emmanuel Gonzalez, Bonaventura Clotet, Marino Artico, José A. Esté, Giovanni Maga, and Antonello Mai. 2-(Alkyl/Aryl)Amino-6-Benzylpyrimidin-4(3H)-ones as Inhibitors of Wild Type and Mutant HIV-1: Enantioselectivity Studies. *Journal of Medicinal Chemistry*, **2012**., 55 (7), 3558-3562

- 11 Flavio Ballante, Ira Musmuca, Garland R. Marshall and **Rino Ragno***. Comprehensive Models of Wild-Type and Mutant HIV-1 Reverse Transcriptases. *Journal of Computer-Aided Molecular Design*. **2012**. 26:907-19.

- 12 Flavio Ballante and **Rino Ragno***. 3-D QSAutogrid/R: an alternative procedure to build 3-D QSAR models. Methodologies and applications. *J. Chem. Inf. Model.*, **2012**, 52:1674-85

- 13 Laura Silvestri, Flavio Ballante, Antonello Mai, Garland R. Marshall and **Rino Ragno***. Histone Deacetylase Inhibitors: Structure-Based Modeling and Isoform-Selectivity Prediction. *J. Chem. Inf. Model.*, **2012**; 52:2215-35.

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- 14 Simona Piccolelli, Andrina Ricci, Federico Pepi, Alexandros Patsilnakos, **Rino Ragno**, Stefania Garzoli and Pierluigi Giacomello. Gas-phase basicity of 2-furaldehyde. *J. Mass Spectrom.* **2012**, 47, 1488–1494.
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- 15 Giorgio Ortar, Enrico Morera, Luciano De Petrocellis, Alessia Ligresti, Aniello Schiano Moriello, Ludovica Morera, Marianna Nalli, **Rino Ragno**, Adele Pirolli, Vincenzo Di Marzo. Biaryl tetrazolyl ureas inhibitors of endocannabinoid metabolism: modulation at the N-portion and distal phenyl ring. *European Journal of Medicinal Chemistry* 63 (2013) 118-132
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- 16 E. Perspicace, V. Jouan-Hureaux, **R. Ragno***, F. Ballante, S. Sartini, C. La Motta, F. Da Settimo, B. Chen, G. Kirsch, S. Schneider, B. Faivre, S. Hesse, Design, synthesis and biological evaluation of new classes of thieno[3,2-d]pyrimidinone and thienof[1,2,3]triazine as inhibitor of vascular endothelial growth factor receptor-2 (VEGFR-2), *European Journal of Medicinal Chemistry.* (2013), doi: 10.1016/j.ejmech.2013.03.022, 63, 765–781
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- 17 Laura Friggeri, Flavio Ballante, **Rino Ragno***, Ira Musmuca, Daniela De Vita, Fabrizio Manetti, Mariangela Biava, Luigi Scipione, Roberto Di Santo, Roberta Costi, Marta Feroci and Silvano Tortorella. Pharmacophore Assessment Through 3-D QSAR:evaluation of the predictive ability on new derivatives by the application on a serie of antituberculara gents. DOI: 10.1021/ci400132q. *J. Chem. Inf. Model.*, (2013), 53 (6), pp 1463–1474
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- 18 Livia Civitelli; Simona Panella; Maria Elena Marcocci; Alberto De Petris; Stefania Garzoli; Federico Pepi; Elisabetta Vavala; **Rino Ragno**; Lucia Nencioni; Anna Teresa Palamara; Letizia Angiolella. In vitro inhibition of herpes simplex virus type 1 replication by *Mentha suaveolens* essential oil and its main component piperitenone oxide. *Phytomedicine* (2014). In Press, doi:10.1016/j.phymed.2014.01.013
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- 19 Maria Chatzopoulou, Alexandros Patsilnakos, Theodosia Vallianatou, Marta Soltesova Prnova, Simon Žakelj, **Rino Ragno**, Milan Stefek, Albin Kristl, Anna Tsantili-Kakoulidou, and Vassilis J. Demopoulos . Decreasing acidity in a series of aldose reductase inhibitors: 2-fluoro-4-(1H-pyrrol- 1-yl)phenol as a scaffold for improved membrane permeation *Biorganic Medicinal Chemistry* (2014), Volume 22, Issue 7, 1 April 2014, Pages 2194–2207
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- 20 Flavio Ballante, Antonia Caroli, Richard B. Wickersham III and **Rino Ragno**. Hsp90 Inhibitors (I). Definition of 3-D QSAutogrid/R Models as a Tool for Virtual Screening, *J. Chem. Inf. Model.*, (2014), 54 (3), pp 956–969. doi: 10.1021/ci400759t
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- 21 Antonia Caroli, Flavio Ballante, Richard B. Wickersham III, Federico Corelli and **Rino Ragno**. Hsp90 Inhibitors (II). Combining ligand-based and structure-based approaches for Virtual Screening application. *J. Chem. Inf. Model.*, (2014). 54 (3), pp 970–977. doi: 10.1021/ci400760a
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- 22 Annarita Stringaro, Elisabetta Vavala, Marisa Colone, Federico Pepi, Giuseppina Mignogna, Stefania Garzoli, Serena Cecchetti, **Rino Ragno**, and Letizia Angiolella. Effects of *Mentha suaveolens* Essential Oil Alone or in Combination with Other Drugs in *Candida albicans*, *Evidence-Based Complementary and Alternative Medicine*, vol. 2014, Article ID 125904, 9 pages, 2014. doi:10.1155/2014/125904
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- 23 Rotili D, Tarantino D, Nawrozkij MB, Babushkin AS, Botta G, Marrocco B, Cirilli R, Menta S, Badia R, Crespan E, Ballante F, **Ragno R**, Esté JA, Maga G, Mai A. . Exploring the role of 2-chloro-6-fluoro substitution in 2-alkylthio-6-benzyl-5-alkylpyrimidin-4(3H)-ones: effects in HIV-1-infected cells and in HIV-1 reverse transcriptase enzymes. *Journal of Medicinal Chemistry*, (2014) vol. 57, p. 5212-5225, ISSN: 0022-2623, doi: 10.1021/jm500284x
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- 24 Rosa Sessa, Marisa Di Pietro, Fiorenzo De Santis, Simone Filardo, **Rino Ragno**, and Letizia Angiolella, “Effects of *Mentha suaveolens* Essential Oil on *Chlamydia trachomatis*,”*BioMed Research International*, vol. 2015, Article ID 508071, 7 pages, 2015. doi:10.1155/2015/508071
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- 25 S. Consalvi, S. Alfonso, A. Di Capua, G. Poce, A. Pirolli, M. Sabatino, **R. Ragno**, M. Anzini, S. Sartini, C. La Motta, L. Di Cesare Mannelli, C. Ghelardini, M. Biava. Synthesis, biological evaluation and docking analysis of a new series of methylsulfonyl and sulfamoyl acetamides and ethyl acetates as potent COX-2 inhibitors. *Biorganic*
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- 26 **Ragno, Rino**; Marshall, Garland R.; Ballante, Flavio. Three-dimensional structure-based modeling predicting target selectivity in drug design. PCT Int. Appl. (2015), WO 2015002860 A1 20150108. Language: English, Database: CAPLUS
- 27 Alberto De Petris, Maria Elisa Crestoni, Adele Pirolli, Carme Rovira, Javier Iglesias-Fernández, Barbara Chiavarino, **Rino Ragno***, and Simonetta Fornarini**. Binding of azole drugs to heme: A combined MS/MS and computational approach. Polyhedron (2015) doi: 10.1016/j.poly.2015.02.011
- 28 Elisabetta Vavala, Claudio Passariello, Federico Pepi, Marisa Colone, Stefania Garzoli, **Rino Ragno**, Adele Pirolli, Annarita Stringaro, Letizia Angiolella. Antibacterial activity of essential oils mixture against PSA. Natural Product Research. (2015). DOI:10.1080/14786419.2015.1022543
- 29 Bozovic, Mijat; Pirolli, Adele; **Ragno, Rino**. Mentha suaveolens Ehrh. (Lamiaceae) essential oil and its main constituent piperitenone oxide: biological activities and chemistry. Molecules (2015), 20(5), 8605-8633
- 30 Garzoli, S., Pirolli, A., Vavala, E., Di Sotto, A., Sartorelli, G., Božović, M., Angiolella, L., Mazzanti, G., Pepi, F., **Ragno, R.** Multidisciplinary approach to determine the optimal time and period for extracting the essential oil from mentha suaveolens ehrh. Molecules (2015), 20 (6), 9640-9655
- 31 **Ragno, R.**, Ballante, F., Pirolli, A., Wickersham, R.B., Patsilnakos, A., Hesse, S, Perspicace, E. Kirsch, G. Vascular endothelial growth factor receptor-2 (VEGFR-2) inhibitors: Development and validation of predictive 3-D QSAR models through extensive ligand- and structure-based approaches. Journal of Computer-Aided Molecular Design (2015), 29 (8), 757-776
- 32 Consalvi, S.; Poce, G.; **Ragno, R.**; Sabatino, M.; La Motta, C.; Sartini, S.; Calderone, V.; Martelli, A.; Ghelardini, C.; Di Cesare Mannelli, L.; Biava, M., A Series of COX-2 Inhibitors Endowed with NO-Releasing Properties: Synthesis, Biological Evaluation, and Docking Analysis. ChemMedChem 2016, 11, 1804-11
- 33 Coluccia, A.; Passacantilli, S.; Famigliani, V.; Sabatino, M.; Patsilnakos, A.; **Ragno, R.**; Mazzoccoli, C.; Sisinni, L.; Okuno, A.; Takikawa, O.; Silvestri, R.; La Regina, G., New Inhibitors of Indoleamine 2,3-Dioxygenase 1: Molecular Modeling Studies, Synthesis, and Biological Evaluation. J Med Chem 2016, 59, 9760-9773.
- 34 Bozovic, M.; Garzoli, S.; Sabatino, M.; Pepi, F.; Baldisserotto, A.; Andreotti, E.; Romagnoli, C.; Mai, A.; Manfredini, S.; **Ragno, R.**, Essential Oil Extraction, Chemical Analysis and Anti-Candida Activity of Calamintha nepeta (L.) Savi subsp. glandulosa (Req.) Ball-New Approaches. Molecules 2017, 22
- 35 Mollica, A.; Pelliccia, S.; Famigliani, V.; Stefanucci, A.; Macedonio, G.; Chiavaroli, A.; Orlando, G.; Brunetti, L.; Ferrante, C.; Pieretti, S.; Novellino, E.; Benyhe, S.; Zador, F.; Erdei, A.; Szucs, E.; Samavati, R.; Dvrorasko, S.; Tomboly, C.; **Ragno, R.**; Patsilnakos, A.; Silvestri, R., Exploring the first Rimonabant analog-opioid peptide hybrid compound, as bivalent ligand for CB1 and opioid receptors. J Enzyme Inhib Med Chem 2017, 32, 444-451.
- 36 Nikolaos Papastavrou, Maria Chatzopoulou, Jana Ballekova, Mario Cappiello, Roberta Moschini, Francesco Balestri, Alexandros Patsilnakos, **Rino Ragno**, Milan Stefekb, Enhancing activity and selectivity in a series of pyrrol-1-yl-1-hydroxypyrazole-based aldose reductase inhibitors: The case of trifluoroacetylation. European Journal of Medicinal Chemistry, 2017, 130, 328-335
- 37 Mijat Božović and **Rino Ragno** Calamintha nepeta (L.) Savi and its Main Essential Oil Constituent Pulegone: Biological Activities and Chemistry. Molecules. 2017 Feb 14;22(2). pii: E290. doi: 10.3390/molecules22020290
- 38 Božović M, Navarra A, Garzoli S, Pepi F, & **Ragno R.** 24-Hour Steam Distillation Methodology For Essential Oils Extraction. Natural Product Research. (2017).
- 39 Milan Mladenovic, Alexandros Patsilnakos, Adele Pirolli, Manuela Sabatino, and **Rino Ragno**. Understanding the Molecular Determinant of Reversible Human Monoamine Oxidase B Inhibitors Containing 2H-chromen-2-One Core: Structure-Based and Ligand-

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- Based Derived 3-D QSAR Predictive Models. *J. Chem. Inf. Model.*, (2017). DOI: 10.1021/acs.jcim.6b00608. Publication Date (Web): March 14, 201
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- 40 Clemens Zwergel, PhD; Brigitte Czepukojc.; Emilie Evain-Bana, Zhanjie Xu, Giulia Stazi, Mattia Mori, Alexkandros Patsilnakos, Antonello Mai, Bruno Botta, **Rino Ragno**, Denyse Bagrel, Gilbert Kirsch, Peter Meiser, Claus Jacob, Mathias Montenarh, Sergio Valente. Novel Coumarin- and Quinolinone-Based Polycycles as Cell Division Cycle 25-A and -C Phosphatases Inhibitors Induce Proliferation Arrest and Apoptosis in Cancer Cells. *European Journal of Medicinal Chemistry*, 2017
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- 41 Antonella Di Sotto, Ph.D.; Silvia Di Giacomo. Lorena Abete; Mijat Božović ; Olga A Parisi; Fabio Barile ; Annabella Vitalone; Angelo A Izzo; **Rino Ragno**; Gabriela Mazzanti. Genotoxicity assessment of piperitenone oxide: an in vitro and in silico evaluation. *Food Microbiology*. 2017
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- 42 Diego Muñoz-Torrero, Arduino A. Mangoni, Catherine Guillou, Simona Collina, Jean Jacques Vanden Eynde, Jarkko Rautio, György M. Keserű, Christopher Hulme, Kelly Chibale, F. Javier Luque, Rafik Karaman, Michael Gütschow, Hong Liu and **Rino Ragno**. Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes. *Molecules* 2017, 22(5), 743
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- 43 Stefania Garzoli, Mijat Božović, Anna Baldisserotto, Manuela Sabatino, Stefania Cesa, Federico Pepi, Chiara Beatrice Vicentini, Stefano Manfredini and **Rino Ragno**. Essential Oil Extraction, Chemical Analysis and Anti-Candida Activity of *Foeniculum vulgare* Miller – New Approaches. *Natural Product Research*. (2017)
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- 44 Alessandro Venditti, Claudio Frezza, Giulia Salutari, Mirella di Cecco, Giampiero Ciaschetti, Alessandra Oliva, Massimiliano De Angelis, Vincenzo Vullo, Manuela Sabatino, Stefania Garzoli, Federico Pepi, **Rino Ragno**, Mauro Serafini, Armando dorianio Bianco. Composition of the Essential Oil of *Coristospermum cuneifolium* and Antimicrobial Activity Evaluation. *Planta Med Int Open* 2017
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- 45 Vanja Tadić, Alessandra Oliva, Mijat Božović, Alessia Cipolla, Massimiliano De Angelis, Vincenzo Vullo, Stefania Garzoli and **Rino Ragno**. Chemical and antimicrobial analyses of *Sideritis romana* L. subsp. *purpurea* (Tal. ex Benth.) Heywood, an endemic of the Western Balkan. *Molecules* 2017
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- 46 Stefania Garzoli , Mijat Božović, Anna Baldisserotto , Elisa Andreotti , Federico Pepi , Vanja Tadić , Stefano Manfredini and **Rino Ragno** . *Sideritis romana* L. subsp. *purpurea* (Tal. ex Benth.) Heywood, a new chemotype from Montenegro. *Natural Product Research*, 2017. Accepted (07-Sep-2017)
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- 47 Simone Carradori, Bruna Bizzari, Melissa D'Ascenzio, Celeste De Monte, Rossella Grande, Daniela Rivanera, Alessanda Zicari, Emanuela Mari, Manuela Sabatino, Alexandros Pasilnakos, **Rino Ragno**, Daniela Secci. Synthesis, Biological Evaluation and Quantitative Structure-Active Relationships of 1,3-thiazolidin-4-one Derivatives. A Promising Chemical Scaffold Endowed with High Antifungal Potency and Low Cytotoxicity. *European Journal of Medicinal Chemistry*, 2017. Accepted (15-Sep-2017)
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- 48 Stefania Garzoli, Mijat Božović, Anna Baldisserotto, Elisa Andreotti, Federico Pepi, Vanja Tadić, Stefano Manfredini & **Rino Ragno**. *Sideritis romana* L. subsp. *purpurea* (Tal. ex Benth.) Heywood, a new chemotype from Montenegro. *Nat Prod Res.* 2017 Sep 19:1-6. doi: 10.1080/14786419.2017.1378212. [Epub ahead of print]
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- 49 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
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- 50 Manuela Sabatino, Dante Rotili, Alexandros Patsilnakos, 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>
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- 51 Alessandra Masci, Simone Carradori, Maria Antonietta Casadei, Patrizia Paolicelli, Stefania Petralito, **Rino Ragno**, Stefania Cesa. *Lycium barbarum* polysaccharides:

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- Extraction, purification, structural characterisation and evidence about hypoglycaemic and hypolipidaemic effects. A review. *Food Chemistry* (2018)
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- 52 L. Antonini, S. Garzoli, A. Ricci, A. Troiani, C. Salvitti, P. Giacomello, **R. Ragno**, A. Patsilnakos, 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
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- 53 Marco Artini, Alexandros Patsilnakos, 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)
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- 54 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)
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- 55 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)
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- 56 Alexandros Patsilnakos, **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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- 57 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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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
- ✓ 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)
- ✓ 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

Oral Presentations at Conferences
(Last 5 Years)

ERASMUS Teaching Mobility

Honours and awards

Last Grants	<ul style="list-style-type: none"> ➤ 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
Conferences Organization/Scientific Committees	<ol style="list-style-type: none"> 1. 22° National Meeting on Medicinal Chemistry. Roma 10-13 Settembre 2013. 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
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
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	<ol style="list-style-type: none"> 1. Scopus (21/02/2019) <ul style="list-style-type: none"> • Total Papers 114 • H-Index: 30 • Total Citations: 2642 2. ISI Web (22/06/2018) <ul style="list-style-type: none"> • Total Papers 115 • H-Index: 29 • Total Citations: 2579
Journal Editing	<ol style="list-style-type: none"> 1. Academic Editor for Molecules (http://www.mdpi.com/journal/molecules)

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
 - CheMedChem
 - 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