Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Romano Silvestri**
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E-mail	romano.silvestri@uniroma1.it
Nationality	Italian
Date of birth	May 24, 1959
Gender	Male

Occupational field

Education, Academic

Work experience

Dates	1991-1998	Assistant Professor
	1998-2010	Associate Professor
	2010-today	Full Professor
Occupation or position held	Full Professor	
Main activities and responsibilities	Teaching and research principal investigator	
Name and address of employer	Building CU019 Room 151	
Sector	Medicinal Chemistry (SSD CHIM/08)	

Education and training

Dates	1989, Ph.D., Pharmaceutical Sciences 1983, B.S. *cum laude*, Pharmacy
Name and type of organisation providing education and training	Sapienza University

Personal skills and competences

The research projects are mainly focused on the drug design and synthesis of new biologically active chemical entities in the areas of antitumor, antiviral or SNC drugs. The drug design is based on molecular models performed by either thr internal unit or external research groups. New procedures for the microwave-assisted synthesis and the highly automated purification of relevant pharmaceutical molecules are also developed.

Mother tongue(s) **Italian**

Other language(s)

Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

(*) Common European Framework of Reference for Languages

Additional information

Include here any other information that may be relevant, for example contact persons, references, etc.

Receiving Wednesday, 14-17, Building CU019, Room 151

#	Scientific Publication (selected 30, last 10 years)	Impact Factor
1	Mannironi, C.; Proietto, M.; Bufalieri, F.; Cundari, E.; Alagia, A.; Danovska, S.; Rinaldi, T.; Famiglini, V.; Coluccia, A.; La Regina, G.; Silvestri, R.; Negri. R. An high-throughput in vivo screening system to select H3K4-specific histone demethylase inhibitors. *PlosOne* **2014**, 9, e86002/1-e86002/12	3.730
2	La Pietra, V.; La Regina, G.; Coluccia, A.; Famiglini, V.; Pelliccia, S.; Plotkin, B.; Eldar-Finkelman, H.; Brancale, A.; Ballatore, C.; Crowe, A.; Brunden, K. R.; Marinelli, L.; Novellino, E.; Silvestri, R. Design, synthesis, and biological evaluation of 1-phenylpyrazolo[3,4-*e*]pyrrolo[3,4-*g*]indolizine-4,6(1*H*,5*H*)-diones as new glycogen synthase kinase-3b inhibitors. *J. Med. Chem.* **2013**, *56,* 10066-10078	5.614
3	Bassetto, M.; De Burghgraeveb, T.; Delangb, L.; Massarotti, A.; Coluccia, A.; Zonta, N.; Gatti, V.; Colombano, G.; Sorba, G.; Silvestri, R.; Tron, G. C.; Neyts, J.; Leyssen, P.; Brancale, A. Computer-aided identification, design and synthesis of a novel series of compounds with selective antiviral activity against chikungunya virus. *Antiviral Research* **2013**, *98*, 12-18	3.925
4	Silvestri, R. New prospects for vinblastine analogues as anticancer agents. *J. Med. Chem.* **2013***, 56,* 625-627	5.614
5	La Regina, G.; Bai, R.; Rensen, W.M.; Di Cesare, E.; Coluccia, A.; Piscitelli, F.; Famiglini, V.; Reggio, A.; Nalli, M.; Pelliccia, S.; Da Pozzo, E.; Costa, B.; Granata, I.; Porta, A.; Maresca, B.; Soriani, A.; Iannitto, M. L.; Santoni, A.; Li, J.; Miranda Cona, M.; Chen. F.; Ni, Y.; Brancale, A.; Dondio, G.; Vultaggio, S.; Varasi, M.; Mercurio, C.; Martini, C.; Hamel, E.; Lavia, P.; Novellino, E.; Silvestri, R. Towards highly potent cancer agents by modulating the C-2 group of the arylthioindole class of tubulin polymerization inhibitors. *J. Med. Chem.* **2013***, 56,* 123-149	5.614
6	La Regina, G.; Coluccia, A.; Brancale, B.; Piscitelli, F.; Gatti, V.; Maga, G.; Samuele, A.; Gonzalez, E.; Clotet, B.; Schols, D.; Esté, J. A.; Novellino, E.; Silvestri, R. New nitrogen containing substituents at the indole-2-carboxamide yield high potent and broad spectrum indolylarylsulfone HIV-1 non-nucleoside reverse transcriptase inhibitors. *J. Med. Chem.* **2012***, 55,* 6634-6638	5.614
7	Piscitelli, F.; Ligresti, A.; La Regina, G.; Coluccia, A.; Allarà, M.; Novellino, E.; Di Marzo, V.; Silvestri, R. Indole-2-carboxamides as allosteric modulators of the cannabinoid CB_1 receptor. *J. Med. Chem.* **2012**, *55*, 5627-5631	5.614
8	La Regina, G.; Gatti, V.; Famiglini, V.; Piscitelli, F.; Silvestri, R. Venting while heating microwave-assisted synthesis of 3-arylthioindoles. *ACS Comb. Science* **2012***, 14*, 258-262	3.636

9 La Regina, G.; Bai, R.; Rensen, W.; Coluccia, A.; Piscitelli, F.; Gatti, V.; Bolognesi, A.; Lavecchia, A.; Granata, I.; Porta, A.; Maresca, B.; Soriani, A.; Iannitto, M. L.; Mariani, M.; Santoni, A.; Brancale, A.; Ferlini, C.; Dondio, G.; Varasi, M.; Mercurio, C.; Hamel, E.; Lavia, P.; Novellino, E.; Silvestri, R.
Design and synthesis of 2-heterocyclyl-3-arylthio-1*H*-indoles as potent tubulin polymerization and cell growth inhibitors with improved metabolic stability.
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The tubulin colchicine domain: a molecular modelling perspective.
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1-Aryl-5-(1*H*-pyrrol-1-yl)-1*H*-pyrazole-3-carboxamide: an effective scaffold for the design of either CB_1 or CB_2 receptor ligands.
Eur. J. Med. Chem. **2011**, *46*, 5641-5653 3.193

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Indolylarylsulfones as HIV-1 non-nucleoside reverse transcriptase inhibitors. New cyclic substituents at the indole-2-carboxamide.
J. Med. Chem. **2011**, *54*, 1587-1598 4.802

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Open vessel and cooling while heating microwave-assisted synthesis of pyridinyl *N*-aryl hydrazones.
ACS Combinatorial Science **2011**, *13,* 2-6 3.450

14 Silvestri, R.; Ligresti, A.; La Regina, G.; Piscitelli, F.; Lavecchia, A.; Brizzi, **A.;**. Pasquini, **S.;** Allarà, **M.;** Fantini, **N.;** Carai, M. A. M.; Bigogno, C.; Rozio, M. G.; Sinisi, R.; Novellino, E.; Colombo, **G.;** Di Marzo, V.; Dondio, G.; Corelli, F.
Synthesis, *in vivo* pharmacological evaluation and pharmacokinetic studies of *n*-alkyl 1-aryl-5-(1*H*-pyrrol-1-yl)-1*H*-pyrazole-3-carboxamide cannabinoid receptor ligands.
Eur. J. Med. Chem. **2010**, *45,* 5878-5886 3.269

15 Screpanti, E.; Santaguida, S.; Nguyen, T.; Silvestri, R.; Gussio, R.; Musacchio, A.; Hamel, E.; De Wulf, P.
A screen for kinetochore-microtubule interaction inhibitors identifies novel antitubulin compounds.
PLOs ONE **2010**, 5, e11603, 1-13 4.351

16 La Regina, G.; Sarkar, T.; Bai, R.; Edler, M. C.; Saletti, R.; Coluccia, A.; Piscitelli, F.; Minelli, L.; Gatti, V.; Mazzoccoli, C.; Palermo, V.; Mazzoni, C.; Falcone, C.; Scovassi, A. I.; Giansanti, V.; Campiglia, P.; Porta, A.; Maresca, B.; Hamel, E.; Brancale, A.; Novellino, E.; Silvestri, R.
New arylthioindoles and related bioisosteres at the sulfur bridging group. 4. Synthesis, tubulin polymerization, cell growth inhibition, and molecular modeling studies.
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17 Silvestri, R.; Ligresti, A.; La Regina, G.; Piscitelli, F.; Lavecchia, A.; Brizzi, A.; Pasquini, S.; Allarà, M-; Fantini, N.; Carai, M. A. M.; Novellino, E.; Colombo, G.; Di Marzo, V.; Corelli, F.
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Bioorg. Med. Chem. **2009**, *17*, 5549–5564. 2,822

18 Piscitelli, F.; Coluccia, A.; Brancale, A.; La Regina, G.; Sansone, A.; Giordano, C.;. Balzarini, J.; Maga, G.; Zanoli, S.; Samuele, A.; Cirilli, R.; La Torre, F.; Lavecchia, A.; Novellino, E.; Silvestri, R.
Indolyl aryl sulfones bearing natural and unnatural aminoacids. discovery of potent inhibitors of both HIV-1 non-nucleoside wild type and resistant mutant strains reverse transcriptase, and Coxsackie B4 virus.
J. Med. Chem. **2009**, *52,* 1922–1934. 4,802

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Synthesis, Structure-Activity Relationships and Molecular Modeling Studies of New Indole Inhibitors of Monoamine Oxidases A and B.
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New arythioindoles inhibitors of tubulin polymerization. 3. Biological evaluation, SAR and molecular modeling studies.
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Arylthioindoles, potent inhibitors of tubulin polymerization.
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