

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **Luigi Scipione**

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**E-mail** luigi.scipione@uniroma1.it

**Nationality** Italian

**Date of birth** 29-03-1966

**Gender** Male

**Occupational field** Pharmaceutical chemistry

### Work experience

**Dates** 1996-2014

**Occupation or position held** Researcher

**Main activities and responsibilities** Synthesis and purification of pharmaceutical compounds

**Name and address of employer**

**Sector** NAD mimetic compounds, chemical delivery systems, cholinergic compounds, antifungal and antiparasitic compounds.

**Dates** 2002-2012

**Occupation or position held** Professor of "Chemical pharmaceutical and toxicological analysis"

**Dates** 2012-2014

**Occupation or position held** Professor of "Analysis of drugs I"

**Main activities and responsibilities** Teaching activities in a course with laboratory practices; course and laboratory responsible teacher.

**Name and address of employer**

**Sector** Qualitative analysis of pharmaceutical inorganic compounds

### Education and training

**Dates** 1992-1995

**Title of qualification awarded** PhD in Pharmaceutical Sciences

**Name and type of organisation providing education and training** Sapienza University of Rome

Dates 1985-1990  
 Title of qualification awarded Graduation In "Pharmaceutical chemistry and technologies"  
 Name and type of organisation providing education and training Faculty of Pharmacy, Sapienza University of Rome

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

*European level (\*)*

**Language**

**Language**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	English	B1	English	A2	English	A2	English	B1	English

(\*) [Common European Framework of Reference for Languages](#)

**Additional information**

Receiving

**Annexes**

- Feroci M., Chiarotto I., Forte G., Simonetti G., D'Auria F. D., Maes L., Scipione L., Friggeri L.; Di Santo R., De Vita D., Tortorella S. **Efficient electrochemical N-alkylation of N-Boc-protected 4-aminopyridines: towards new biologically active compounds** ISRN Organic Chemistry 2014, 1- 10
- Friggeri L., De Vita D., Pandolfi F., Tortorella S., Costi R., Di Santo R., Scipione L. **Design, synthesis and evaluation of 3,4-dihydroxybenzoic acid derivatives as antioxidants, bio-metal chelating agents and acetylcholinesterase inhibitors** Journal of Enzyme Inhibition and Medicinal Chemistry 2014, In press DOI: 10.3109/14756366.2013.866657
- De Vita D., Friggeri L., D'Auria F. D., Pandolfi F., Piccoli F., Panella S., Palamara A.T., Simonetti G., Scipione L., Di Santo R., Costi R., Tortorella S. **Activity of caffeic acid derivatives against Candida albicans biofilm** Bioorganic Medicinal Chemistry Letters 2014,24, 1502- 1505.
- Costi, R.; Métifiot, M.; Chung, S.; Cuzzucoli Crucitti, G.; Maddali, K.; Pescatori, L.; Messori, A.; Madia, V. N.; Pupo, G.; Scipione, L.; Tortorella S.; Di Leva F. S.; Cosconati S.; Marinelli L.; Novellino E.; Le Grice S. F. J.; Corona A.; Pommier Y.; Marchand C.; Di Santo R. **Basic Quinolinonyl Diketo Acid Derivatives As Inhibitors Of Hiv Integrase And Their Activity Against Rnase H Function Of Reverse Transcriptase** Journal of Medicinal Chemistry, 2014, in press, DOI:10.1021/jm5001503
- Friggeri, L.; Scipione, L.; Costi, R.; Kaiser, M.; Moraca, F.; Zamperini, C.; Botta, B.; Di Santo, R.; De Vita, D.; Brun, R.; **New Promising Compounds with in Vitro Nanomolar Activity against Trypanosoma cruzi** ACS Medicinal Chemistry Letters 2013, 4 (6) 538-541
- Friggeri, L.; Ballante, F.; Ragno, R.; Musmuca, I.; De Vita, D.; Manetti, F.; Biava, M.; Scipione, L.; Di Santo, R.; Costi, R.; **Pharmacophore Assessment Through 3-D QSAR: Evaluation of the Predictive Ability on New Derivatives by the Application on a Series of Antitubercular Agents** Journal of Chemical Information and Modeling 2013, 53 (6) 1463-1474
- Costi, R.; Cuzzucoli Crucitti, G.; Pescatori, L.; Messori, A.; Scipione, L.; Tortorella, S.; Amoroso, A.; Crespan, E.; Campiglia, P.; Maresca, B.; **New Nucleotide-Competitive Non-Nucleoside Inhibitors of Terminal Deoxynucleotidyl Transferase: Discovery, Characterization, and Crystal Structure in Complex with the Target** Journal of Medicinal Chemistry 2013, 56 (18) 7431-7441
- Costi, R.; Métifiot, M.; Esposito, F.; Cuzzucoli Crucitti, G.; Pescatori, L.; Messori, A.; Scipione, L.; Tortorella, S.; Zinzula, L.; Novellino, E.; **6-(1-Benzyl-1 H-pyrrol-2-yl)-2, 4-dioxo-5-hexenoic Acids as Dual Inhibitors of Recombinant HIV-1 Integrase and Ribonuclease H, Synthesized by a Parallel Synthesis Approach** Journal of Medicinal Chemistry 2013, 56 (21) 8588-8598
- De Vita, D.; Scipione, L.; Tortorella, S.; Mellini, P.; Di Rienzo, B.; Simonetti, G.; D'Auria, F. D.; Panella, S.; Cirilli, R.; Di Santo, R.; **Synthesis and antifungal activity of a new series of 2-(1-H-imidazol-1-yl)-1-phenylethanol derivatives** European Journal of Medicinal Chemistry 2012, 49, 334-342
- Feroci, M.; De Vita, D.; Scipione, L.; Sotgiu, G.; Tortorella, S.; **Electrogenerated acetonitrile anion induced selective N-alkylation of bifunctional compounds** Tetrahedron Letters 2012, 53 (20) 2564-2567
- Di Santo, R.; Costi, R.; Cuzzucoli Crucitti, G.; Pescatori, L.; Rosi, F.; Scipione, L.; Celona, D.; Vertechy, M.; Ghirardi, O.; Piovesan, P.; **Design, Synthesis, and Structure-Activity Relationship of N-Arylnaphthylamine Derivatives as Amyloid Aggregation Inhibitors** Journal of Medicinal Chemistry 2012, 55 (19) 8538-8548
- Piccaro G., Filippini P., Giannoni F., Scipione L., Tortorella S., De Vita D., Mellini P., Fattorini L. **Activity Of Drugs Against Dormant Mycobacterium Tuberculosis.** Journal of Chemotherapy. 2011; 23(3), 28-31.
- Di Rienzo B., Mellini P., Tortorella S., De Vita D., Scipione L. **Facile And Efficient Synthesis Of 4-Alkyl Derivatives Of 3-Carbamoyl- And 3,5-Dicarbamoylpyridines As Nicotinamide Mimetics** Synthesis. 2010., 22, 3835-38.
- Alcaro S., Arcone R., Costa G., De Vita D., Iannone M., Ortuso F., Procopio A., Pasceri R., Rotiroti D., Scipione L. **Simple Choline Esters As Potential Anti-Alzheimer Agents** Current Pharmaceutical Design, 2010;16, 692-697
- Rispoli V., Marra R., Costa N., Rotiroti D., Tirassa P., Scipione L., De Vita D., Liberatore F., Carelli V. **Choline Pivaloyl Ester Enhances Brain Expression Of Both Nerve Growth Factor And High-Affinity Receptor Trka, And Reverses Memory And Cognitive Deficits, In Rats With Excitotoxic Lesion Of Nucleus Basalis Magnocellularis** Behavioural Brain Research; 2008, 190, 22-32.
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- Rispoli V., Marra R., Costa N., Scipione L., Rotiroti D., De Vita D., Liberatore F., Carelli V., **Choline Pivaloyl Ester Strengthened The Benefit Effects Of Tacrine And Galantamine On Electroencephalographic And Cognitive Performances In Nucleus Basalis Magnocellularis-Lesioned And Aged Rats.** Pharmacology Biochemistry and Behavior. 2006. 84(3), 453-467.
- Carelli V., Liberatore F., Scipione L., Di Rienzo B., Tortorella S. **Dithionite Adducts Of Pyridinium Salts: Regioselectivity Of Formation And Mechanisms Of Decomposition** Tetrahedron, 2005. 61(43), 10331-10337.
- Rispoli V., Rotiroti D., Carelli V., Liberatore F., Scipione L., Marra R., Tortorella S., Di Rienzo B. **Electroencephalographic Effects Induced By Choline Pivaloyl Esters In Scopolamine Treated Or Nucleus Basalis Magnocellularis Lesioned Rats.** Pharmacology Biochemistry and Behavior. 2004.78, 667-673.
- Rispoli V., Rotiroti D., Carelli V., Liberatore F., Scipione L., Marra R., Giorgioni G., Di Stefano A. **Choline Pivaloyl-Esters Improve In Rats Cognitive And Memory Performances Impaired By Scopolamine Treatment Or Lesions Of The Nucleus Basalis Of Meynert,** Neuroscience Letters, 2004; 356(3), 199-202.
- Carelli V., Liberatore F., Scipione L., Giorgioni G., Di Stefano A., Impicciatore M., Ballabeni V., Calcina F., Magnanini F., Barocelli E.. **Synthesis And Biological Evaluation Of Gaba Derivatives Able To Cross The Blood-Brain Barrier In Rats.** Bioorganic & Medicinal Chemistry Letters, 2003; 13/21, 3765-3769.
- Alcaro S., Scipione L., Ortuso F., Posca S., Rispoli V., Rotiroti D. **Molecular Modeling And Enzymatic Studies Of The Interaction Of A Choline Analogue And Acetylcholinesterase** Bioorganic & Medicinal Chemistry Letters. 2002; 12/20, 2899-2905
- Carelli V., Liberatore F., Tortorella S., Di Rienzo B., Scipione L. **Structure Of The Dimers Arising From One-Electron Electrochemical Reduction Of Pyridinium Salts 3,5-Disubstituted With Electron-Withdrawing Groups** Journal Of Chemical Society, Perkin Transaction 1. 2002;542-547.
- Carelli V., Liberatore F., Scipione L., Musio R., Sciacovelli O. **On The Structure Of Intermediate Adducts Arising From Dithionite Reduction Of Pyridinium Salts : A Novel Class Of Derivatives Of The Parent Sulfinic Acids.** Tetrahedron Letters. 2000; 41, 1235-1240.

Works

Textbooks (Chapters, etc.) | (Max 5)