

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Address(es)

Telephone(s)

Fax(es)

E-mail

Nationality

Date of birth

Gender

Occupational field

Work experience

Dates

Occupation or position held

Name and address of employer

Sector

Education and training

Dates

Title of qualification awarded

Name and type of organisation
providing education and training

Dates

Title of qualification awarded

Name and type of organisation
providing education and training

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level (*)

Language

Annexes

Scientific Publication

Antonella Goggiamani

Dipartimento di Chimica e Tecnologie del Farmaco. Laboratori di chimica organica.
Università di Roma, La Sapienza. P.le Aldo Moro 5, 00185 Rome Italy

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antonella.goggiamani@uniroma1.it

italian

27/10/1975

female

Organic synthesis

2006-onwards

Assistant professor in organic chemistry at the Department of Chimica e Tecnologie del Farmaco
Apr 2004 – mar 2006

Research fellowship in the same department.

Supervisor: Prof. Sandro Cacchi.

Feb 2002 – mar 2004

Research fellowship in the same department.

Supervisor: Prof. Sandro Cacchi.

University of Rome, La Sapienza

Organic chemistry

Nov 2002 – Ott 2005

Ph.D. in Pharmaceutical Sciences

University of Rome, La Sapienza

May 2001

Laurea degree in Chemistry

University of Rome, La Sapienza

Organometallic chemistry

HPLC, MS, NMR, IR.

italian

Understanding

Listening

Reading

Speaking

Spoken
interaction

Spoken
production

Writing

B

english

B

english

B

english

B

english

B

english

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(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

1. Cacchi S., Fabrizi G., Goggiamani A., Zappia G.
3-Aryl-2-oxazolidinones through the Palladium-Catalyzed N-Arylation of 2-Oxazolidinones

- Org. Lett. **2001**, 3(16), 2539-2541
2. Cacchi S., Fabrizi G., Goggiamani A.
Palladium Catalysis in the Construction of the Benzo[b]furan and Furan Rings from Alkynes and Organic Halides or Triflates
Heterocycles, **2002**, 56, 613-632
3. Cacchi S., Fabrizi G., Goggiamani A., Parisi L.M.
Unsymmetrical Diaryl Sulfones through Palladium-Catalyzed Coupling of Aryl Iodides and Arenesulfinates
Org. Lett. **2002**, 4 (26), 4719-4721
4. Cacchi S., Fabrizi G., Goggiamani A., Moreno- Mañas M., Vallribera A.
The [(E,E,E)-1,6,11-tris(p-toluenesulfonyl)-1,6,11-triazacyclopentadeca-3,8,13-triene]Pd(0) complex in the Hydroarylation of alkynes in ionic liquids. An Approach to quinolines
Tetrahedron Letters **2002**, 43, 5537-5540
5. Cacchi S., Fabrizi G., Goggiamani A., Parisi L. M.
An Efficient Palladium-Catalyzed Synthesis of Unsymmetrical Diaryl Sulfones from Aryl Bromides/Triflates and Arenesulfinates
Synlett **2003**, 3, 361-364
6. Cacchi S., Fabrizi G., Goggiamani A.
Copper-Catalyzed N-arylation of 2-Oxazolidinones. An expeditious route to Toloxatone
Heterocycles **2003**, 61, 505-512
7. Cacchi S., Fabrizi G., Goggiamani A.
Phosphine ligands and nitrogen bases in the solvent-free Heck reaction of butenone with aryl iodides. A Highly selective synthesis of benzalacetones
ARKIVOC (Gainesville, FL, United States) **2003**, 8, 58-66
8. Cacchi S., Fabrizi G., Goggiamani A.
Palladium-Catalyzed Hydrocarbonylation of Aryl and Vinyl Halides or Triflates by Acetic Anhydride and Formate Anions
Org. Lett. **2003**, 5(23), 4269-4272
9. Cacchi S., Fabrizi G., Gavazza F., Goggiamani A.
Palladium-Catalyzed Reaction of Aryl Iodides with Acetic Anhydride. A Carbon Monoxide Free Synthesis of Acetophenones
Org. Lett. **2003**, 5(3), 289-291
10. Bernini, R. Coratti A., Fabrizi G., Goggiamani A.
CH₃ReO₃/H₂O₂ in room temperature ionic liquids: an homogeneous recyclable catalytic system for the Baeyer-Villiger reaction
Tetrahedron Letters **2003**, 44, 8991-8994
Addendum: *Tetrahedron Letters* **2005**, 46, 6169-6170
11. Cacchi S., Fabrizi G., Goggiamani A.
Palladium-Catalyzed Synthesis of Aldehydes from Aryl Iodides and Acetic Formic Anhydride.
J. Comb. Chem. **2004**, 6, 692-694
12. Cacchi S., Fabrizi G., Goggiamani A.
The Palladium-Catalyzed Hydroarylation of Propargylic Alcohols in Room Temperature Ionic Liquids
Journal of Molecular Catalysis A: Chemical **2004**, 14(1), 57-64.
13. Cacchi S., Fabrizi G., Goggiamani A., Parisi L.M.
Unsymmetrical Sulfones through Palladium-Catalyzed Coupling of Aryl and Vinyl Halides or Triflates with Sulfinic Acid Salts
J. Org. Chem. **2004**, 69, 5608
14. Cacchi S., Fabrizi G., Goggiamani A., Licandro E., Maiorana S., Perdicchia D.
Synthesis of N,N-Dialkyl-N-arylhydrazines via Palladium-Catalyzed N-Arylation by Using N,N-Dialkylhydrazines/2LiCl
Org. Lett. **2005**, 7, 1497-1500
15. Cacchi S., Fabrizi G., Goggiamani A.
2,3-Disubstituted Indoles from the Palladium-Catalyzed Reaction of Aryl Chlorides and o-Alkynyltrifluoroacetanilides
Advanced Synthesis & Catalysis **2006**, 10, 1301-1305
16. Cacchi S., Fabrizi G., Goggiamani A.
The Palladium-Catalyzed Assembly and Functionalization of Benzo[b]furans

Curr. Org. Chem. **2006**, *10*(12), 1423-1455

17. Cacchi S., Fabrizi G., Goggiamani A., Sgalla S.
Palladium-catalyzed N-arylation of N,N-dialkylhydrazines with aryl chlorides
Advanced Synthesis & Catalysis **2007**, *349*(3), 453-458.
18. Cacchi S., Cotet C., Fabrizi G.; Forte G., Goggiamani A., Martin L., Martinez S., Molins E.; Moreno-Manas M., F. Petrucci, Roig A., Vallibera A.
Efficient hydroxycarbonylation of aryl iodides using recoverable and reusable carbon aerogels doped with palladium nanoparticles as catalyst
Tetrahedron **2007**, *63*(11), 2519-2523
19. Cacchi S., Fabrizi G., Goggiamani A., Persiani D.
Palladium-Catalyzed Hydroarylation of Alkynes with Arenediazonium Salts
Org. Lett **2008**, *8*, 1597-1600
20. Bartoli G., Cacchi S., Fabrizi G., Goggiamani A.
Aryl norbornanes and analogues via palladium-catalyzed hydroarylation with arenediazonium tetrafluoroborates
Synlett **2008**, *16*, 2508-2512
21. Cacchi S., Fabrizi G., Goggiamani A., Sferrazza A.
Palladium-catalyzed reaction of arenediazonium tetrafluoroborates with methyl 4-hydroxy-2-butenolate: an approach to 4-aryl butenolides and an expeditious synthesis of rubrolide E
Synlett **2009**, *8*, 1277-1280
22. Cacchi S., Fabrizi G., Goggiamani A., Sferrazza A.
Palladium-catalyzed arylation of the THP derivative of (Z)-2-butene-1,4-diol with arenediazonium salts and the synthesis of β -aryl- γ -butyrolactones.
Synlett **2009**, *6*, 973-977
23. Ambrogio I., Cacchi S., Fabrizi G., Goggiamani A., Sgalla S.
Regio- and stereoselective Heck α -arylation of cinnamyl alcohols
Synlett **2009**, *4*, 620-624
24. R. Berrino, S.Cacchi, G. Fabrizi, A. Goggiamani, P.Stabile
Arenediazonium tetrafluoroborates in palladium-catalyzed C-P bond-forming reactions. Synthesis of arylphosphonates, -phosphine oxides, and -phosphines
Organic & Biomolecular Chemistry **2010**, *8*(20), 4518-4520
25. Fabrizi G., Goggiamani A., Sferrazza A., Cacchi S.
Sonogashira Cross-Coupling of Arenediazonium Salts
Angewandte Chemie, International Edition **2010**, *49*(24), 4067-4070
26. Cacchi S., Fabrizi G., Goggiamani A., Perboni A., Sferrazza A., Stabile P.
2,3-Disubstituted Indoles via Palladium-Catalyzed Reaction of 2-Alkynyltrifluoroacetanilides with Arenediazonium Tetrafluoroborates
Organic Letters **2010**, *12*(14), 3279-3281.
27. Bagnoli L., Cacchi S., Fabrizi G., Goggiamani A., Scarponi C., Tiecco M.
Diastereoselective Synthesis of Hexahydro-3H-pyrrolizidin-3-ones through Pd-Catalyzed Carboamination
Journal of Organic Chemistry **2010**, *75*(6), 2134-2137
28. Cacchi S., Fabrizi G., Goggiamani A.
Copper catalysis in the construction of indole and benzo[b]furan rings
Organic & Biomolecular Chemistry **2011**, *9*(3), 641-652
29. Cacchi S., Fabrizi G., Goggiamani A., Sferrazza A.
Heck reaction of arenediazonium salts with N,N-diprotected allylamines. Synthesis of cinnamylamines and indoles
Organic & Biomolecular Chemistry **2011**, *9*(6), 1727-1730
30. Arcadi A., Blesi F., Cacchi S., Fabrizi G., Goggiamani A.
2,5,7-Trisubstituted benzo[b]furans through a copper- and/or palladium-catalyzed assembly and functionalization process
Tetrahedron Letters **2011**, *52*, 5149-5152