

Curriculum Vitae  
**Giovanni Piersanti**

Università degli Studi di Urbino "Carlo Bo"  
Dipartimento di Scienze Biomolecolari, Scuola di Farmacia  
P.zza del Rinascimento 6, 61029 Urbino Italy

## Education and Experience

- Jan 2019- Present      **Full Professor** (*Organic Chemistry*)  
*Università degli Studi di Urbino "Carlo Bo"*
- Mar 2015-Dec 2018    **Associate Professor** (*Organic Chemistry*)  
*Università degli Studi di Urbino "Carlo Bo"*
- Mar 2006-Feb 2015    **Assistant Professor** (*Organic Chemistry*)  
*Università degli Studi di Urbino "Carlo Bo"*
- 2005-Mar 2006        **Postdoctoral Scientist**  
*Nerviano Medical Sciences s.r.l. (spin-off from Pfizer-Pharmacia)*
- 2003-2004            **Postdoctoral Fellow**  
*Massachusetts Institute of Technology*  
Advisor: Prof. Mohammad Movassaghi
- 2000-2003            **Graduate Research**  
*University of Urbino and University of California-Berkeley*  
Advisor: Professor Giorgio Tarzia and Paul A. Bartlett
- 1998-2000            Farchemia-GlaxoWellcome-Sigma-Tau fellowships
- 1992-1997            **Undergraduate Research**  
*University of Bologna*  
Advisor: Professor Mauro Panunzio  
*Degree: Chemistry, M.S (cum Laude), Bologna*

## Awards

- 2017 Habilitation as Full Professor in Organic Chemistry (Italian Ministry for Research)  
2013 Habilitation as Associate Professor in Organic Chemistry (Italian Ministry for Research)  
2006 Honor mention "Primo Levi award" for young chemistry researchers (<35 years old)  
2003 Italian Chemical Society Award for Excellence in Medicinal Chemistry Graduate Studies  
2000 Sigma-Tau Pharmaceuticals fellowship Award  
1999 GlaxoWellcome fellowship Award  
1998 Farchemia fellowship Award  
1997 Commencement speaker at University of Bologna of Chemistry graduation with Honors ceremony;  
1993 Federchimica Award "Per un Futuro Intelligente"  
1992 Bronze medal at "24<sup>th</sup> International Chemistry Olympiad" Washington, U.S.A.

## Responsibilities and activities at the University of Urbino

- Teaching activities at the Faculty of Pharmacy (now School of Pharmacy) starting in 2006, degree programme in Chemistry and Pharmaceutical Technology.

2006-2013 Organic chemistry I - 10 credits

2013-2019 Organic chemistry II - 10 credits

For handouts and exams: <http://www.people.uniurb.it/GiovanniPiersanti/organica2/index.html>

All of my lessons are available on youtube!! <https://www.youtube.com/user/pierorganic1>

2015-2019 Organic Synthesis In Medicinal Chemistry (Sintesi Organica Applicata Ai Farmaci) 6 credits

Attività Formativa: (D) A scelta dello studente • Anno/Year 5

- Tutoring and orientation activities for pharmacy incoming students (2007- present).

- Job placement (career day) for students who have graduated and are looking for a job, as well as counselor potential employers interested in hiring. (2008-....).

- Delegate Erasmus/Erasmus Placement and International Relationships (2007-2012)

- Erasmus-Staff Mobility for Teaching Assignment, Complutense-Madrid (2010) and Ljubljana (2012).

- Pharmaceutical Organic chemistry teacher at the Master in Pharmacy in the Dschang University (Cameroon). Course in English. November-December 2012 and December 2013.

- Member of the Department Council (2013-present) and member of the commission assessing the quality of department research.

- Member (2017 – present) of the Research Commission University of Urbino.

- Member of the Scientific Board of the PhD program in “Research Methods in Science and Technology”

## Current Research Interests

The research interest is synthetic organic chemistry in broad terms, including natural product synthesis (mainly indole-based) in concert with the discovery and the development of new transformations for organic synthesis including catalytic and asymmetric processes (mainly exploiting two-carbon nitrogen-containing electrophiles such as dehydroamino acids and  $\beta$ -amino alcohols). Since 2017 involved in the field of anti-oxidant and anti-inflammatory chemicals research, as co-founder of GLUOS srl a Spin Off at University of Urbino.

## List of publications

Bartoccini F., Mari M., Retini M., Fraternali A., Piersanti G.\*  
*Organic Process Research & Development*, Submitted, 2019.

Bartoccini F., Venturi S., Mari M., Retini M., Piersanti G.\*  
*Journal of Organic Chemistry*, 2019, 84, 12, 8027-8034.

Ciccolini C., Mari M., Lucarini S., Mantellini F., Piersanti G., Favi G.  
*Advanced synthesis & Catalysis*, 2018, 360, 21, 4060-4067. (IF = 5.451, Q1)

Bartoccini F., Mari M., Retini M., Bartolucci S., Piersanti G.\*  
*Journal of Organic Chemistry*, 2018, 83, 19, 12275-12283. (IF = 4.745, Q1)

Di Gregorio G., Mari M., Bartolucci S., Bartoccini F., Piersanti G.\*  
*Organic Chemistry Frontiers*, 2018, 5 (10), 1622-1627. (IF = 5.076, Q1)

Di Gregorio G., Mari M., Bartoccini F., Piersanti G.\*

*Journal of Organic Chemistry*, 2017, 82, 16, 8769-8775. (IF = 4.805, Q1)

Mantenuto S., Ciccolini C., Lucarini S., Piersanti G., Favi G., Mantellini F.

*Organic Letters*, 2017, 19 (3), 608-611. (IF = 6.492, Q1)

Bartoccini F., Bartolucci S., Mari M., Piersanti G.\*

*Organic & Biomolecular Chemistry* 2016, 14 (42), 10095-10100 (IF = 3.564, Q1)

Formica M., Fusi V., Giorgi L., Piersanti G., Retini M., Zappia G.

*Tetrahedron* 2016, 72 (44), 7039-7049. (IF = 2.651, Q2)

Bartoccini F., Cannas DM., Fini F., Piersanti G.\*

*Org. Lett.*, 2016, 18 (11), 2762-2765. (IF = 6.579, Q1)

Mantenuto S., Lucarini S., De Santi M., Piersanti G., Brandi G., Favi G., Mantellini F.

*European Journal of Organic Chemistry*, 2016, 2016 (19), 3193-3199. (IF = 2.834, Q2)

Bartolucci S., Mari M., Di Gregorio G., Piersanti G.\*

*Tetrahedron* 2016, 72 (18), 2233-2238. (IF = 2.651, Q2)

Bartoccini F., Tarzia G., Lucarini S., Piersanti G.\* *et al*

*ChemMedChem*, 2015, 10, 7, 1149-1152. (IF = 2.980, Q2)

Bartoccini F., Bartolucci S., Lucarini S., Piersanti G.\*

*European Journal of Organic Chemistry*, 2015, 3352-3360. (IF = 3.068, Q2)

Bartolucci S., Mari M., Bedini A., Piersanti G.\*, Spadoni G.

*Journal of Organic Chemistry*, 2015, 80, 6, 3217-3222. (IF = 4.785, Q1)

Mari M., Lucarini S., Bartoccini F., Piersanti G.\*, Spadoni G.

*Beilstein Journal of Organic Chemistry*, 2014, 10, 1, 1991-1998. (IF = 2.757, Q2)

Mari M., Tassoni A., Lucarini S., Fanelli M., Piersanti G.\*, Spadoni G.

*European Journal of Organic Chemistry*, 2014, 18, 3822-3830. (IF = 3.065, Q1)

Bartoccini F., Casoli M., Mari M., Piersanti G.\*

*Journal of Organic Chemistry*, 2014, 79, 7, 3255-3259. (IF = 4.721, Q1)

Bartoccini F., Piersanti G.\*, Armaroli S., Cerri A., Cabri W.

*Tetrahedron Letters*, 2014, 55, 1376-1378. (IF = 2.379, Q2)

Lucarini S., Mari M., Piersanti G.\*, Spadoni G.

*RSC Advances*, 2013, 3, 19135-19143. (IF = 3.708, Q1)

Mari M., Bartoccini F., Piersanti G.\*

*Journal of Organic Chemistry*, 2013, 78, 15, 7727-7734. (IF = 4.638, Q1)

Attanasi O., Favi G., Giorgi G., Mantellini F., Moscatelli G., Piersanti G.

*Current Organic Synthesis*, 2013, 10, 5, 803-811. (IF = 2.439, Q2)

Piersanti G.\*, Bartoccini F., Lucarini S., Cabri W., Stasi M.A., Riccioni T., Borsini F., Tarzia G., Minetti P.

*Journal of Medicinal Chemistry*, 2013, 56, 13, 5456–5463. (IF = 5.480, Q1)

Rivara S., Piersanti G.\*, Bartoccini F., Diamantini G., Pala D., Riccioni T., Stasi M. A., Cabri W., Borsini F., Mor M., Tarzia G., Minetti P.

*Journal of Medicinal Chemistry*, 2013, 56, 3, 1247–1261. (IF = 5.480, Q1)

Bartoccini F., Piersanti G.\*, Mor M., Tarzia G., Cabri W.

*Organic & Biomolecular Chemistry*, 2012, 10, 8860–8867. (IF = 3.568, Q1)

Righi M., Topi F., Bartolucci S., Bedini A., Piersanti G.\*, Spadoni G.

*Journal of Organic Chemistry*, 2012, 77, 6351–6357. (IF = 4.564, Q1)

Ambrosi G., Formica M., Fusi V., Giorgi L., Macedi E., Piersanti G., Retini M., Zappia G.

*Tetrahedron*, 2012, 68, 19, 3768–3775. (IF = 2.803, Q2)

Bartolucci S., Bartoccini F., Righi M., Piersanti G.\*

*Organic Letters*, 2012, 14, 2, 600–603. (IF = 6.142, Q1)

Lucarini S., Bartolucci S., Bedini A., Gatti G., Orlando P., Piersanti G., Spadoni G.

*Organic & Biomolecular Chemistry*, 2012, 10, 305–313. (IF = 3.568, Q1)

Righi M., Bartoccini F., Lucarini S., Piersanti G.\*

*Tetrahedron*, 2011, 67, 41, 7923–7928. (IF = 3.025, Q2)

Piersanti G., Retini M., Espartero J. L., Madrona A., Zappia G.

*Tetrahedron Letters*, 2011, 52, 38, 4938–4940. (IF = 2.683, Q2)

Righi M., Bedini A., Piersanti G.\*, Romagnoli F., Spadoni G.

*Journal of Organic Chemistry*, 2011, 76, 704–707. (IF = 4.450, Q1)

Cabri W., Minetti P., Piersanti G., Tarzia G.

Patent: WO2010106145 (A1). 2010 Sigma-Tau Industrie Farmaceutiche Riunite S.P.A.

Bartoccini F., Cabri W., Celona D., Minetti P., Piersanti G.\*, Tarzia G.

*Journal of Organic Chemistry*, 2010, 75, 5398–5401. (IF = 4.002, Q1)

Formica M., Fusi V., Giorgi L., Macedi E., Piersanti G., Varrese M. A., Zappia G.

*Supramolecular Chemistry*, 2010, 22, 365–379. (IF = 1.940, Q2)

Ambrosi G., Formica M., Fusi V., Giorgi L., Macedi E., Micheloni M., Piersanti G., Pontellini R.

*Organic & Biomolecular Chemistry*, 2010, 8, 1471–1478. (IF = 3.451, Q1)

Lucarini S., Alessi M., Bedini A., Giorgini G., Piersanti G.\*, Spadoni G.

*Chemistry - an Asian Journal*, 2010, 5, 550–554. (IF = 4.188, Q1)

Piersanti G.\*, Varrese M. A., Fusi V., Giorgi L., Zappia G.

*Tetrahedron Letters*, 2010, 47, 3436–3438. (IF = 2.618, Q2)

S. Lucarini, F. Bartoccini, F. Battistoni, G. Diamantini, Piersanti G.\*, M. Righi, G. Spadoni

*Organic Letters*, 2010, 12, 3844–3847. (IF = 5.250, Q1)

Valitutti G., Duranti A., Mor M., Piersanti G., Piomelli D., Rivara S., Tontini A., Tarzia G., Traldi P.

*Journal of Mass Spectrometry*, 2009, 44 (4), 561–565. (IF = 3.411, Q1)

- Movassaghi M., Piizzi G., Siegel D., Piersanti G.  
*Tetrahedron Letters*, **2009**, 50 (39), 5489-5492. (IF = 2.660, Q2)
- Piersanti G. \*, Remi F., Fusi V., Formica M., Giorgi L., Zappia G.  
*Organic Letters*, **2009**, 11, 417-420. (IF = 5.420, Q1)
- Siegel D. S., Piizzi G., Piersanti G., Movassaghi M.  
*Journal of Organic Chemistry*, **2009**, 74, 9292-9304. (IF = 4.219, Q1)
- Angelini E, Balsamini C, Bartoccini F, Lucarini S, Piersanti G.\*  
*Journal of Organic Chemistry*, **2008**, 73, 5654-5657. (IF = 3.952, Q1)
- Lucarini S., Bedini A., Spadoni G., Piersanti G.\*  
*Organic & Biomolecular Chemistry*, **2008**, 6, 147-150. (IF = 3.550, Q1)
- Formica M., Fusi V., Macedi E., Paoli P., Piersanti G., Rossi P., Zappia G., Orlando P.  
*New Journal of Chemistry*, **2008**, 32, 1204-1214. (IF = 2.942, Q1)
- Mor M., Lodola A., Rivara S., Vacondio F., Duranti A., Tontini A., Sanchini S., Piersanti G., Clapper J., King A., Tarzia G., Piomelli D.  
*Journal of Medicinal Chemistry*, **2008**, 51, 3487-3498. (IF = 4.898, Q1)
- Piersanti G. \*, G. Luca, Bartoccini F., Tarzia G., Minetti P., Gallo G., Giorgi F., Castorina M., Ghirardi O., Carminati P.  
*Organic & Biomolecular Chemistry*, **2007**, 5, 2567-2571. (IF = 3.167, Q1)
- Valitutti G., Duranti A., Lodola A., Mor M., Piersanti G., Piomelli D., Rivara S., Tontini A., Tarzia G., Traldi P.  
*Journal of Mass Spectrometry*, **2007**, 42, 1624-1627. (IF = 3.062, Q1)
- Piersanti G.\* (2007). Recent advances in "hydride reductions": regio-, chemo-, and stereoselective transformations. Seminars in organic synthesis. p. 73-96, ROMA: E. Marcantoni, G. Renzi. - Roma : Società Chimica, ISBN/ISSN: 9788886208505. **Book Chapter**
- Tarzia G., Duranti A., Gatti G., Piersanti G., Tontini A., Rivara S., Lodola A., Plazzi P. V., Mor M., Kathuria S., Piomelli D.  
*ChemMedChem*, **2006**, 1, 130-139. (IF = 2.825, Q2)
- Movassaghi M., Piizzi G., Siegel D.S., Piersanti G.  
*Angewandte Chemie. International Edition*, **2006**, 45, 5859-5863. **VIP article** (IF = 10.232, Q1)
- Minetti P., Tinti M., Carminati P., Castorina M., Di Cesare M., Di Serio S., Gallo G., Ghirardi O., Giorgi F., Giorgi L., Piersanti G., Bartoccini F., G. Tarzia  
*Journal of Medicinal Chemistry*, **2005**, 48, 6887-6896. (IF = 4.962, Q1)
- Phillips S. T., Piersanti G., Bartlett P. A.  
*PNAS*, **2005**, 102, 13737-13742. (IF = 10.231, Q1)
- Lucini V., Pannacci M., Scaglione F., Fraschini F., Rivara S., Mor M., Bordi F., Plazzi P. V., Spadoni G., Bedini A., Piersanti G., Diamantini G., Tarzia G.

*Journal of Medicinal Chemistry*, 2004, 47, 4202-4212. (IF = 5.076, Q1)

Mor M., Rivara S., Plazzi P. V., Tarzia G., Duranti A., Tontini, Piersanti G., Kathuria S., Piomelli D.  
*Journal of Medicinal Chemistry*, 2004, 47, 4998-5008. (IF = 5.076, Q1)

Phillips S.T., Piersanti G., Ruth M., Gubernator N., Van Lengerich B., Bartlett P. A.  
*Organic Letters*, 2004, 6, 4483-4485. (IF = 4.195, Q1)

Burattini S., Luchetti F., Battistelli M., Dellafelice M., Papa S., Piersanti G., Tarzia G., Falcieri E.  
*Journal of Biological Regulators & Homeostatic Agents*, 2003, 17, 348-357. (IF = 0.748, Q4)

Gatti G., Piersanti G., Spadoni G.  
*Farmaco*, 2003, 58; 469-476. (IF = 1.681, Q2)

Tarzia G., Piersanti G., Minetti P., Di Cesare M. A., Gallo G., Giorgi F., Giorgi L.  
Patent: WO 2003011864 (A1). (2003). Sigma-Tau Industrie Farmaceutiche Riunite S.P.A.

Spadoni G., Bedini A., Piersanti G., Mor M., Rivara S., Tarzia G.  
*Advances in Experimental Medicine and Biology*, 2003, 527, 577-585. **Book Chapter**

Tarzia G., Duranti A., Tontini A., Piersanti G., Mor M., Rivara S., Plazzi P.V., Kathuria S., Piomelli D.  
*Journal of Medicinal Chemistry*, 2003, 46, 2352-2360. (IF = 4.820, Q1)

Bandini E., Favi G., Martelli G., Panunzio M., Piersanti G.  
*Organic Letters*, 2000, 2, 1077-1079. (IF = 3.367, Q1)

Bongini A., Panunzio M., Piersanti G., Bandini E., Martelli G., Spunta G., Venturini A.  
*European Journal of Organic Chemistry*, 2000, 13, 2379-2390. (IF = 2.150, Q2)

Bandini E., Martelli G., Spunta G., Bongini A., Panunzio M., Piersanti G.  
*Tetrahedron-Asymmetry*, 1999, 10, 1445-1449. (IF = 2.647, Q1)

Bandini E., Martelli G., Spunta G., Bongini A., Panunzio M., Piersanti G.  
*Tetrahedron-Asymmetry*, 1997, 8, 3717-3718. (IF = 2.647, Q1)