

Team Leader

Directeur de Recherche 1ere classe DR1

Senior Researcher 1st. Class - CNRS

+33 (0)4.67.14.91.95 +33(0)6. 42. 44.95.57

mihail-dumitru.barboiu@umontpellier.fr Office 1.10, Building 40 Place E. Bataillon, CC0474095 MONTPEL

[A short story here](#)

Biography

Mihail Barboiu received his PhD in 1998 from the University of Montpellier before spending 2 years as p

Publications

Peer review publications ~~As of 2016~~ ~~AAAAAAA~~ Papers 246, Proceedings 30; Books and Chapters 24,

Lectures/communications 42, Invited Lectures 163, Invited Seminars 80, Comms 111

blank

For a full list of Publications [See Here](#)

Short CV

[See here](#)

blank

For Full CV

[See Here](#)

Professional Experience:

Université POLITEHNICA de Bucarest, Romania, B.E. (Hons) 1993

Université Montpellier II, France, M.S. ; Ph.D. 1995-1998

Université Montpellier II, France, Hab. Ph.D. 2004

blank

Appointments:

2013-present: Adjunct Professor at the School of Chem. & Chem. Eng. at Sun Yat-sen University, Guangzhou, China.

2001-present: Senior CNRS Scientist: Institut Européen des Membranes de Montpellier, France.

2007-2012: Associate Professor University POLITEHNICA of Bucharest.

1999-2001: Assistant Professor, Collège de France, ISIS-ULP, Strasbourg (Prof. J-M LEHN)

1993-1998: Assistant Professor: University POLITEHNICA of Bucharest. (Prof. Constantin LUCA)

1993-1998 Head of Supramolecular Chemistry Department Research Centre for Macromolecular Materi

blank

Honors and Awards

1. Invited professor, Univesity of Nagoya, Japan; October 2019.
2. Gessellschaft Deutscher Chemiker GDCh Lecture, Chemistry, University of Bielefeld
3. Honorary Diploma of Romanian Chemical Society 2019
4. Gessellschaft Deutscher Chemiker GDCh Lecture, Chemistry, University of Karlsruhe
5. *Frontiers in Chemistry Distinguished Lecturer, Case Western Reserve University*
6. *The Order of Faithful Service* (Romanian: Ordinul Național "Serviciul Credincios"), 2019
7. Royal Society of Chemistry, RSC Surfaces and Interfaces Award 2015.

8. Fellow of the Royal Society of Chemistry
9. Titre de reconnaissance pour les travaux en 2015 en Chimie Société Chimique
10. European Young Investigator Award 2004, European Science Foundation and EUROHORCs
11. Academic Merit Prize- Romanian Academy, Bucharest, 2008
12. "Costin D. Nenitescu" Medal and Honour Award of Romanian Chemical Society, 2007
13. Hybrid Materials and Application -HYMAP Mid-Carrer Award 2014
14. Fellowship of Pole Europeen Universitaire de Montpellier 1998-1999
15. Bronze medal – XIXth International Chemistry Olympiad, Veszprem- Hungary
16. Gold Medal – Ist Balkan Chemistry Olympiad - Bucharest, Roumania, 19

The top 10 publications

1. M. Di Vincenzo, A. Tiraferri, V.-E. Mustea, M. Barboiu, R. Sougrat, Bio
2. D. Strilets, S. Fa, A. Har, M. Barboiu, Baaden T. Ogoshi*,
3. S.-P. Zheng, J.-J. Jiang, M. Barboiu, Lee, **Very Important paper and**

[DOI: 10.1002/anie.202008393](https://doi.org/10.1002/anie.202008393)

4. S. -P. Z h
<https://doi.org/10.1002/anie.201904808>
5. I. Kocsis, M. Sorci, H. Vanselous, S. Murail, S. E. Sanders, A. Vass
6. A. Gilles, **M. Barboiu***, Highly Selective Artificial K
7. E. Licsandru, I. Kocsis, Y.-x. Shen, S. Murail, Y. M. Wang, Lee, D. Tsai, M. Baa
8. **M. Barboiu***, Y. Le Duc, A. Gilles, P.-A. C.
9. **M. Barboiu***, Artificial water channels, *Angew.*
10. Y. Le Duc, M. Michau, **M. Barboiu***, Gence, Y.-M. Legrand, A. Quantel, W. Le, S. P.

The top 10 review publications

1. **M. Barboiu***, Encapsulation *versus* self-ag
2. Y. Zhang, **M. Barboiu***, Constitutional Dynamic *Materials*

3. **M. Barboiu***, Artificial Water Channels, *Chem. Commun.* Innovative developments in chemistry, 2013
4. **M. Barboiu*** and A. Gilles, From natural to artificial water channels, *Acc. Chem. Res.* 2013
5. M. Barboiu, M. Stadler, J.M. Lehn * ,
6. M. Barboiu* , The future of membranes, *Acta Chim.*
7. E. Mahon, M. Barboiu* , Synthetic
8. M. Barboiu* , Constitutional hybrid materials, *Chem. Commun.* 2015
9. Y.M. Legrand, M. Barboiu* , Self-As
10. **M. Barboiu***, Dynamic Interactive Systems - Dynamic selection, *Chem. Commun.* 2010

blank

Synergistic Activities:

1. Constitutional Dynamic Chemistry, *Current Chemistry*, M. Barboiu Editor, Springer Verlag
2. Chairman of Faraday Discussion RSC "Artificial Water Channels" 25-27 June 2015, <https://www.rsc.org/ArtificialWaterChannels>

3. RSC Special Issue of Organic and Biomolecular Chemistry 2015, Multivalent Bio