

## Curriculum Vitae

### Mihail-Dumitru BARBOIU

Senior Research Scientist CNRS (Directeur de Recherche-DR1)

Group Leader « Adaptative Supramolecular Nanosystems »

Professor, Sun-Yat-Sen University, Guangzhou, China.

European Young Investigator Award 2004

Fellow of Royal Society of Chemistry- FRSC



**Birth:** 27 10 1968, Pascani, Roumanie  
**Nationality:** Romanian and French

**Address:** ✉ : Institut Européen des Membranes,  
Place Eugène Bataillon, CC047 34095 MONTPELLIER CEDEX 5  
☎ : +33 (0)4 67 14 91 95 ; Fax: +33 (0)4 67 14 91 19  
E-mail : mihail-dumitru.barboiu@umontpellier.fr,  
Web-site: <http://nsa-systems-chemistry.fr/>

#### Education

##### 2004: Habilitation à Diriger les Recherches:

Université Montpellier II, France (Gerent : Prof. Jean-Marie LEHN, Nobel Prize in Chemistry 1987), 16 Avril 2004. *Auto-organized materials for membranes and dynamic supramolecular devices*

##### 1998 : Ph. D. - Science of Materials

Université Montpellier II, France, (Ph.D. Supervisor: Dr. Christian GUIZARD). **27 Mars 1998, mention Très honorable avec les félicitations écrites du jury.** *Etude de membranes hétéropolysiloxanes contenant de nouveaux précurseurs macrocycliques. Applications au transport facilité de Ag<sup>+</sup>/Cu<sup>2+</sup> et d'acides aminés (L-Phénylalanine).*

##### 1993 : B. Sc. Engineer in Organic Chemistry

Université POLITEHNICA de Bucarest, Roumanie, Department of Analytical Chemistry and Instrumental Analysis, (Project supervisor: Prof. Dr. Constantin LUCA). Rapport: *Macrocyclic receptors as analytical reagents*

#### Employment and Positions

**2013-present: Senior Research Scientist CNRS (Directeur de Recherche-DR1/Professor- PR1, Institut de Chimie:** Institut Européen des Membranes de Montpellier, France.

**2012-2017: ERA-Chair, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania. 2012**

**2008-2012: Senior Research Scientist CNRS (Directeur de Recherche-DR2/Professor- PR2, Institut de Chimie - Section 12, 01/10/2008):** Institut Européen des Membranes de Montpellier, France (Prof Géraud POURCELLY).

**2001-2008: CNRS Research Scientist/Associate Professor CR1– Group Leader :** Institut Européen des Membranes de Montpellier, France (Prof. Louis COT et Prof Géraud POURCELLY).

**2007-2011: Associate Professor** University POLITEHNICA of Bucharest, Department of Analytical Chemistry and Instrumental Analysis.

**1999-2001: Assistant Professor,** Collège de France, ISIS-ULP, Strasbourg, France. (Prof. Jean-Marie LEHN, Nobel Prize in Chemistry 1987)

**1993-1998: Assistant Professor:** University POLITEHNICA of Bucharest, Department of Analytical Chemistry and Instrumental Analysis. (Prof. Constantin LUCA)

**1993-1998: Research scientist:** Research Centre for Macromolecular Materials and Membranes of Bucharest (R.C.M.M.M.) - Head of Supramolecular Chemistry Department. (Dr. Georgeta Popescu).

### Awards and Honours

1. European Young Investigator Award 2004, European Science Foundation and EUROHORCs Royal Society of Chemistry, RSC Surfaces and Interfaces Award 2015.
2. Fellow of the Royal Society of Chemistry
3. Invited professor, University of Nagoya, Japan; October 2019.
4. Academic Merit Prize- Romanian Academy, Bucharest, 2008 Gessellschaft Deutscher Chemiker GDCh Lecture, Chemistry, University of Bielefeld, January 23, 2019, Bielefeld, Germany.
5. Honorary Diploma of Romanian Chemical Society 2019
6. Gessellschaft Deutscher Chemiker GDCh Lecture, Chemistry, University of Karlsruhe and KIT, November 30, 2017, Karlsruhe, Germany.
7. Frontiers in Chemistry Distinguished Lecturer, Case Western Reserve University, March, 30 2017.
8. The Order of Faithful Service (Romanian: Ordinul Național "Serviciul Credincios"), 2016.
9. Titre de reconnaissance pour les travaux en 2015 en Chimie Société Chimique de France -2015.
10. "Costin D. Nenitescu" Medal and Honour Award of Romanian Chemical Society, 2007
11. Hybrid Materials and Application -HYMAP Mid-Carrer Award 2014
12. Fellowship of Pole Europeen Universitaire de Montpellier 1998-1999
13. Bronze medal – XIX<sup>th</sup> International Chemistry Olympiad, Vészprem- Hungary, 1987
14. Gold Medal – I<sup>st</sup> Balkan Chemistry Olympiad - Bucharest, Roumania, 1987.

### Research Monographs and Editor

1. Artificial Water channels, *Faraday Discuss*, 2018, volume 209 M. Barboiu ed.
2. RSC Special Issue of Organic and Biomolecular Chemistry 2015, Multivalent Biomolecular Recognition - S. Vincent, O. Ramstrom and M. Barboiu Editors
3. Special Issue of *Israel J. Chem.* 2013, 53(1-2), Constitutional Dynamic Systems, Ed.:. **M. Barboiu**, J.M. Lehn.
4. *Constitutional Dynamic Chemistry*, M. Barboiu Vol. Editor, *Topics Current Chemistry*, Springer, 2012
5. *Handbook of Molecular Self-assembly*, K.V. Peinemann **M. Barboiu** Editors, Stanford Press, 2011.
6. **M. Barboiu**, *Bioinspired and biomimetic membranes*, Ed E. Ruiz Hitzki, Wiley, 2007, C 10, 316-343.
7. **M. Barboiu**, Constitutional transcription of nucléobases self-assembly codes, Wiley Encyclopedia of Chemical Biology, 2007 doi:10.1002/9780470048672.webc527.
8. *Systems Membranes- complex roadmaps toward functional devices and coupled processes*, **M. Barboiu** Editor, 2010, PRINTECH ED, Bucharest Romania, ISBN 978-606-521-526-9.
9. Special issue of Journal of Membrane Science, edited by Elsevier: "From simple molecules to complex membrane systems: bringing the molecular information to membranes and the converse" Dr. **Mihail Barboiu** Prof. Jean-Marie LEHN and Dr. Pierre Aimar Ed.
10. L. Cot, A. Ayril, C. Gavach, J. Sanchez, N. Hovnanian, **M. Barboiu**, C. Luca, Procédés à Membrane dans la Protection de l'Environnement, 1999, Ars Docendi (Ed.) Bucharest, Romania,.

### Granted Patents

1. **M. Barboiu**, M. Michau, Précurseur hybride sulfoné, son procédé de synthèse, **2008**, FR08/01508
2. **M. Barboiu**, M. Michau, Matériau hybride superconducteur, **2008**, FR08/01509
3. **M. Barboiu**, G. Nasr, C. Charmette, J. Sanchez, Membrane polymère autosupporté I, **2009**, FR09/0901540
4. **M. Barboiu**, G. Nasr, C. Charmette, J. Sanchez, Membrane polymère autosupportée II, **2009**, FR09/0901539
5. **M. Barboiu**, M Michau, Y. Leduc : Molécules bolaformes formant des canaux ioniques, **2012**

### Top 10 Invited Lectures (out of 260 invited lectures)

1. **M. Barboiu\***, **Keynote Lecture**, Artificial Water Channels toward biomimetic membranes for desalination, EUROMEMBRANE 2022, Sorrento – Italy, November 20-24 **2022**.
2. **M. Barboiu\***, **Invited Lecture**, Artificial Water Channels toward biomimetic membranes for desalination, 2022 AIChE Annual Meeting, Phoenix – Arizona, USA, November 14-18 **2022**.
3. **M. Barboiu\***, **Keynote Lecture**, Artificial Water Channels toward biomimetic membranes for desalination, 13<sup>th</sup> World Filtration Congress WFC13, San Diego - USA, October 5-9, **2022**.
4. **M. Barboiu\***, **Invited Lecture**, Artificial Water Channels toward biomimetic membranes for desalination, French American Innovation Days 2021 Huston TX, September 15, **2021**, USA.
5. **M. Barboiu\***, **Invited Lecture**, Artificial Water Channels toward biomimetic membranes for desalination, NAMS 2021 Estes Park, CO, August 30-September 2, 2021, USA.
6. **M. Barboiu\***, **Invited Lecture**, Artificial Water Channels, 13<sup>rd</sup> European Biophysics Conference

EBSA2021 satellite meeting Proton and Proton coupled transport, 22-24 July 2021, Viena, Austria.

7. **M. Barboiu\***, **Invited Lecture**, Dynamic constitutional frameworks – new tools for exploring biorecognition. ACS Virtual National Meeting, San Francisco, CA, August 17-20, **2020**.
8. **M. Barboiu\*** **Invited Lecture** Artificial Water Channels – deconvolution of natural Aquaporins through synthetic design, National ACS meeting San-Diego USA, 25-29 August, **2019**.
9. **M. Barboiu\***, **Plenary Lecture**, Artificial water channels, Gordon Conference: Gordon Research Conference, Membranes: Materials and Processes, New London, NH, USA August 12 - 17, **2018**.
10. **M. Barboiu**, **Plenary Lecture**, Artificial Water Channels Systems, North American Membrane Society NAMS-2018 meeting 9-13 June, 2018, Lexington, USA.

#### CURRENT AND PAST FUNDING ID

2022-2026: Member of "Programme ANR", BIOWATER 180000 euros  
 2022-2026: Member of "Programme ANR", CORNERSTONE 180000 euros  
 2022-2025: Member of Programme M-ERANET-ANR", COFFEE- 236000 Euros  
 2020-2023 Member of Programme EURONANOMED 3, INTREPRIDUS -200.000 Euros  
 2020-2024: Member of "Programme H2020 INTELWATT- 742.525 Euros  
 2020-2024: Member of "Programme M-ERANET-ANR", SMARTMATTER- 215.525 Euros  
 2019-2023: Member of Research Training Network RTN Marie Curie – H2020, *PROTON* – 300000 Euros  
 2019-2020 : Member of Programme interdisciplinaire CNRS BIOMIMETISME – 25000 Euros  
 2018-2022: Member of "Programme ANR", WATERCHANNELS- 196.525 Euros  
 2015-2019: Member of "Programme ANR", DYNAFUN- 260.000 Euros  
 2013-2016: Member of "Programme Blanc International ANR", DYNAMULTIREC- 260.000 Euros  
 2011-2015: Coordinator of Research Training Network RTN Marie Curie – FP7, *DYNANO -Dynamic Interactive Systems* – 4. 000.000 Euros/whole network  
 2011-2014: Member of "Programme Blanc ANR", MULTISELF-Multifunctional memory elements using supramolecular self-constructing interconnects- 100.000 Euros  
 2011-2015: Member of 7<sup>th</sup> Capacities REGPOT program: Strengthening the Romanian research capacity in Multifunctional Polymeric Materials –STREAM –FP7-REGPOT-2010-1-264115  
 2007-2013: Member of "Cristofor I. Simionescu" Postdoctoral Fellowship Programme, POSDRU/89/1.5/S/55216, European Social Funds Programme-500000 euros.  
 2010-2013: Member of "Programme Blanc ANR", DYNAMERS-Dynamic Polymers- 250.000 Euros  
 2011-2015: Coordinator IEM of 7<sup>th</sup> Framework Programme Research Potential: Strengthening the Romanian research capacity in Multifunctional Polymeric Materials  
 2007-2010: Coordinator of "Programme Blanc ANR", POLYFUNMAG-Self-organizing supramolecular and bioorganic dynamic systems within hybrid organic-inorganic matrix of magnetic properties- 250.000 Euros  
 2005-2010: Deputy Director of Research Training Network RTN Marie Curie - FP6, *Dynamic -Dynamic Interactive Chemical Biology* - 250.000 Euros  
 2005-2009: Coordinator of European Young Investigator Award: SUPRACOMBIMAT-*Dynamic Adaptive Materials for Separation and Sensing Microsystems*- 1.000.000 Euros  
 2005-2009 Coordinator CNRS WP 9 "Membrane Materials" Network of Excellence (NoE) NANOMEMPRO  
 2004-2006- International Advisory Board RAINS projects (Romanian Action for Integrating Networking and Strengthening the ERA) FP6 2005-2008, 200 000 euros  
 2008-2009 Coordinator of PAI Egide STAR Hanyang University Seoul, Corea, 50000 Euros.  
 2004-2005 Coordinator of PAI Egide – Brancusi, (UPB Bucarest, Romania), 25000 euros  
 2005- Scientific Director of Industrial program BOSCH-LOMB Chauvin Montpellier - 28000 Euros/year  
 2002-2005 : Coordinator of « ACI Jeunes Chercheurs » MNRT-France ACI 4034, 200 000 euros  
 1999-2001: Group Leader, ERBIC15-CY98-0147, INCO-COPERNICUS Project: 200 000 euros  
 1997-1999: Coordinator of Macrocyclic Research program- 4 thematic programs, 200 000 euros (MNERT,

Romania).

### International Congress or Session Chair

1. Chairman ACS Fall meeting symposium "Artificial Water Channels" -26-29 August 2019, San Diego.
2. Chairman of Faraday Discussions RSC "Artificial Water Channels" 25-27 June 2018, Glasgow, GB, <http://rsc.li/water-channels>.
3. ViceChair, 4th International Symposium on Hybrid Materials and Processes, HYMAP 2017, Busan, Korea, 5-8 November **2017**
4. Session Chair, Responsive Membranes and Biomembranes 11<sup>th</sup> International Congress on Membranes and Membrane processes, ICOM2017, 30 July- 5 August, **2017**, San Francisco, USA.
5. Session Chair, Responsive Membranes and Biomembranes (Joint EMS-NAMS), North American Membrane Society NAMS-2016 meeting 21-25 Mai, **2016**, Bellevue, USA.
6. Chairman of Dynamic Constitutional Systems Symposium, 27-28/07/2015, Montpellier France.
7. Chairman of Colloque Franco-Roumain de Chimie Appliquée CoFRRoCA 2014, 15-18 September 2014, Montpellier, France.
8. Session Chair, Responsive Membranes and Biomembranes (Joint EMS-NAMS), North American Membrane Society NAMS-2013 meeting 8-12 June, **2013**, Boise, USA.
9. Session Chair, Honorary session: Founding fathers of inorganic membranes, International Conference on Inorganic membranes- ICIM2012, 9-13 June, 2012, Enschede , the Netherlands.
10. Session Chair, EMS-NAMS session, Euromembrane-2012 23-27 September, **2012**, London, UK.
11. Session Chair, Responsive Membranes and Biomembranes (Joint EMS-NAMS), North American Membrane Society NAMS-2012 meeting 10-13 June, **2012**, New Orleans, USA.
12. Chairman of the Symposium "Open Problems in Systems Chemistry", Montpellier, 23-25 01 2012.
13. Session Chair, Gordon Research Conferences: Membranes: Materials and Processes, 29 July 03 august, 2012, Colby Sawyer College, New London, USA.
14. Chairman of European Membrane Society Summer School 2010, Systems Membranes-Complex Roadmaps toward Devices and Coupled Processes, 14-19 June 2010, Bucharest, Romania.
15. Chair session, North American Membrane Society, NAMS 2010, Washington DC, , 17-22/07, 2010.
16. Chair session, North American Membrane Society, NAMS 2012, New Orleans,, 9-13/06, 2010.
17. Member of Scientific Committee of EUROMEMBRANE 2009, Montpellier 6-10/09/2009.
18. Chairman of the II<sup>nd</sup> EURYIAS Congress: "Complexity and Evolution in Matter, Molecules, Life and Society" 29 April-03 May 2008, Bucharest, Romania.
19. Chairman of the I<sup>st</sup> EURYIAS Congress: "Complexity and Diversity in Matter, Molecules, Life and Society" 29 November-02 December 2006, Strasbourg, France.
20. Chairman Colloque GDR 2922: Matériaux Hybrides Multifonctionnels, La Grande Motte, Mai 2006

### Member of Editorial Board

Journal of Membrane Science  
 Revue Roumaine de Chimie  
 Membranes  
 Journal of Enzyme Inhibition and Medicinal Chemistry  
 Journal of Colloid and Surface Chemistry,  
 Member of University Politehnica of Bucharest, Scientific Bulletin"

### Member of Scientific Societies

- ◆ FRSC Fellow, Royal Society of Chemistry 2015-
- ◆ European Membrane Society: 1998- present; 2008 Member of EMS Council
- ◆ Société Française de Chimie 1999-present
- ◆ Société Roumaine de Chimie : 1997- present
- ◆ American Chemical Society ACS 2003- present
- ◆ American Association for the Advancement of Science (AAAS): 2006- present
- ◆ Association Roumaine de Chimie des Colloïdes et des Surfaces : 1995- 1998
- ◆ Société de Génie Chimique de Roumanie : 1997-1998

## LIST OF PUBLICATIONS, FEBRUARY 2024

Mihail-Dumitru BARBOIU

Senior Research Scientist CNRS -Directeur de Recherche- DR1, Institut de Chimie - Section 12

**Peer review publications – 351**

**Peer review papers 288**

**Peer review proceedings –30**

**Books and Chapters – 25**

**Patents-6**

**Press coverage and vulgarisation-3**

**Invited lectures and communications -476**

**Invited Lectures-191**

**Invited Seminars – 84**

**Communications -134**

**Posters-67**

### The top 10 publications, as senior author

1. W.X Feng,\* D. Chen, Y. Zhao, B. Mu, H. Yan,\* **M. Barboiu\***, Modulation of Deep-Red to Near-Infrared Room Temperature Charge-Transfer Phosphorescence of crystalline “Pyrene-Box” Cages by coupled ion/guest structural self-assembly. *J. Am. Chem. Soc.*, **2024**, *146*, 2484-2493.
2. I.-M. Andrei, W. Chen, M. Baaden, S. Vincent\*, **M. Barboiu\***, Proton versus cation selective transport of saccharide rim-appended pillar[5]arene PA-S artificial water channels, *J. Am. Chem. Soc.*, **2023**, *145*, 21904–21914
3. I.-M. Andrei, Iuliana; A. Chaix, B.T. Benkhaled, R. Dupuis, C. Gomri, E. Petit, Eddy, M. Polentarutti, A. van der Lee, Arie, M Semsarilar\*, **M. Barboiu\***, Selective Water Pore Recognition and Transport through Self-assembled Alkyl-ureido-Trianglamine Artificial Water Channels. *J. Am. Chem. Soc.*, **2023**, *145*, 39, 21213–21221.
4. L.-B. Huang, F. Mamiya, M. Baaden, E. Yashima\*, **M. Barboiu\***, Self-Assembling Peptide-Appended Metallomacrocyclic Pores for Selective Water Translocation. *ACS Appl. Mater. Interfaces* **2023**, *15* 40133–40139.
5. I.-M. Andrei, D. Strilets, S. Fa, M. Baaden, T. Ogoshi,\* **M. Barboiu\***, Combinatorial screening of water/proton permeation of self-assembled Pillar[5]arene artificial water channel libraries *Angew. Chem. Int. Ed.* **2023**, e202310812
6. D.-D. Su, S. Ulrich, **M. Barboiu\***, Bis-Alkylureido Imidazole Artificial Water Channels, *Angew. Chem.* **2023**, DOI: 10.1002/ange.202306265; *Angew. Chem. Int. Ed.* **2023**, *62*, e202306265
7. M. Di Vincenzo, A. Tiraferri, V.-E. Musteata, S.Chisca, R.Sougrat, L.-B. Huang, S. P. Nunes, **M. Barboiu\***, Biomimetic artificial water channels membranes for enhanced desalination. *Nature Nanotechnol.* **2021**, *16*, 190-196.
8. D. Strilets, S. Fa, A. Hardiagon, M. Baaden T. Ogoshi\*, **M. Barboiu\***, Biomimetic approach for highly selective artificial water channels based on tubular Pillar[5]Arene dimers" **Very Important paper.** *Angew. Chem.* **2020**, *132(51)*, 23413-23419. DOI: 10.1002/ange.202009219; *Angew. Chem. Int. Ed.* **2020**, *59(51)*, 23213-23219. DOI: 10.1002/anie.202009219
9. S.-P. Zheng, J.-J. Jiang, A. van der Lee, **M. Barboiu\*** **Very Important paper and Frontispice Picture.** Voltage-responsive synthetic Cl<sup>-</sup>channel regulated by pH. *Angew. Chem.* **2020**, *132*, 19802-19088; DOI: 10.1002/ange.202008393; *Angew. Chem. Int. Ed.* **2020**, *59*, 18920-18296DOI: 10.1002/anie.202008393
10. S.-P. Zheng, Y.-H. Li, J.-J. Jiang, A. van der Lee, D. Dumitrescu, M. Barboiu, Self-Assembled Columnar Triazole-Quartets - an example of synergetic H-bonding / Anion-π Channels, **Very Important paper and Cover** *Angew. Chem.* **2019**, *131*, 12165 –12170, *Angew. Chem. Int. Ed.* **2019**, *58*, 12037 –12042.

### The top 10 review publications

1. L.-B. Huang, M. Di Vincenzo; Y. Li, **M. Barboiu\***, Artificial Water Channels-towards Biomimetic Membranes for Desalination. *Chem. Eur. J.*, **2021**, *27*, 2224-2239.
2. S.-P. Zheng, L.-B. Huang, Z. Sun, **M. Barboiu\*** Self-assembled Artificial Ion-Channels toward Natural Selection of Functions, *Angew. Chem.* **2021**, *133(2)*, 574-606; *Angew. Chem. Int. Ed.* **2021**, *60(2)*, 566-597
3. D. Su, M. Coste, A. Diaconu, **M. Barboiu\***, S. Ulrich\*, Cationic Dynamic Covalent Polymers for Gene Transfection, *J. Mat. Chem B.*, **2020**, *8*, 9385-9403
4. **M. Barboiu\***, Encapsulation versus self-aggregation toward highly selective artificial K<sup>+</sup>- Channels, *Acc. Chem. Res.* **2018**, *51*, 2711–2718.
5. Y. Zhang, M. Barboiu, Constitutional Dynamic Materials. Toward Natural Selection of Function, *Chem. Rev.* **2016**, *116*, 809-834.
6. **M. Barboiu\***, Artificial Water Channels –incipient innovative developments. *Chem. Commun.*, **2016**, *52*, 5657-5665.
7. **M. Barboiu\*** and A. Gilles, From natural to bio-assisted and biomimetic artificial water channel systems. *Acc. Chem. Res.* **2013**, *46*, 2814–2823.
8. **M. Barboiu**, M. Stadler, J.M. Lehn\*, Controlled folding, motional and constitutional dynamic processes of polyheterocyclic molecular strands, *Angew. Chem.* **2016**, *128*, 4200 – 4225; *Angew. Chem. Int. Ed.* **2016**, *55*, 4130 – 4154.
9. E. Mahon, **M. Barboiu\***, Synthetic multivalency for biological applications, *Org. Biomol. Chem.*, **2015**, *13*, 10590-10599.
10. **M. Barboiu\***, Constitutional hybrid materials-toward selection of functions. *Eur J. Inorg. Chem.* **2015**, 1112-

1125.

**Nanosystèmes Supramoléculaires Adaptatifs Group****IEM-UMR 5635 Montpellier 2005-2023****Total = 116 research associates****Post doctorants -26**

1. **Dr. Dandan Su**, CORNERSTONE
2. **Dr. Sanaa Daakour**, COFFEE
3. **Dr. Omar Samhari**, 2020-2024 – INTELWATT
4. **Dr. Abdesamad Belgada** -2023- INTELWATT
5. **Dr. Romain Dupuis**, 2021-2022 - Labex MUSE
6. **Dr. Dinesh Mahalingham**, 2021-2022 INTELWATT
7. **Dr. Yves-Marie Legrand**, 2005-2011 EURYI programme
8. **Dr. Anca Meffre** 2005-2007- EURYI programme
9. **Dr. Andreea Banu-Pasc** - 2005-2006 Post doc CNRS
10. **Dr. Jie Min Ho**, Ambassade de France en Korea, MAE
11. **Dr. Laurence Bosch** - 2007-2009 Post doc CNRS-ANR-ATER ENSCM
12. **Dr. Gihane Nasr** 2007-2009 EURYI programme
13. **Dr. Arnaud Gilles**- 2009-2012 ATER ENSCM+ANR, 2015-ANR
14. **Dr. Luminita Marin**-2011-POS DRU programme, 2013-IDEI Programme
15. **Dr. Adrian Fifere**-2011-POS DRU Programme
16. **Dr. Mihaela Sillion**-2011-POS DRU Programme
17. **Dr. Irina Raschip**-2011-STREAM Programme
18. **Dr. Dan Dumitrescu**-2013-LABEX Chemisyst
19. **Dr. Ioana MOLEAVIN**-2013- 2013-IDEI Programme
20. **Dr. Lilia CLIMA**-2013, 2014-IDEI Programme
21. **Dr. Alexandru ROTARU**-2013, 2014-IDEI Programme
22. **Dr. Florina Dumitru**-2014-ANR
23. **Dr. Zhanhu SUN**-2014- LABEX Chemisyst
24. **Dr. Yan ZHANG**, Post-Doc ITN Marie Curie, Dynano, 2014-2015
25. **Dr. WeiXu FENG**, Post-Doc LIFM, Ghuangzou, China, 2015-2016
26. **Dr. Adina Coroaba**, Post-doc ERA-CHAIR 2016

**Ph.D. Students-35**

1. **Ionut STROIA** , Theser **ANR Biowater**
2. **Paras Raju Wanjari**, These ITN Marie Curie, PROTON, 2022-2025
3. **Sharath Jayakumar**, These MRT, 2021-2023
4. **Kelvinraj Nursiah**, Thèse INTELWATT 2021-2024.
5. **Maxime Leclere**, Thèse INTREPRIDUS 2021-2024
6. **Iuliana Marilena Andrei**, These ITN Marie Curie, PROTON, 2020-2023
7. **Sanaa Daakour**, These **ANR**, co -tutelle Liban 2019-2022
8. **Dandan Su**, Thèse CSC, 2019-2023
9. **Rui Yu**, These CSC, 2017-2021-co-encadrement Dr S. Li
10. **Libo Huang**, Thèse Sun Yat Sen University, 2018-2021
11. **Dmytro Strilets**, Thèse ANR, 2018-2021
12. **Maria di Vincenzo**, Thèse ANR, 2017-2020
13. **Shaoping Zheng**, Thèse Yat Sen University, 2017-2019
14. **Yuhao Li**, Thèse Sun Yat Sen, 2015-2018
15. **Istvan Kocsis**, Thèse LABEX Chemisyst 2014-2017
16. **Licsandru Erol**, These ITN Marie Curie, Dynano, 2012-2015
17. **Romina Crasneanu**, These ITN Marie Curie, Dynano, 2012-2015
18. **Mohamed Yahia**, These **EUDIME**, 2013-2016.
19. **Cheryl Tanardi**- **EUDIME PhD.**, 2014
20. **Alina Cristian**, Thèse Ministère de la Recherche et de la Technologie, 2012-2015.
21. **Cristina URATU**, 2013-IDEI Programme
22. **Bogdan-Geroge Rusu**, Thèse AUF, 2011-2013
23. **Zineb Mouline**, Thèse Région LR+ Institut de Chimie, CNRS, 2010-2013

24. **Valerie Gence**, Thèse Ministère de la Recherche et de la Technologie, **2010-2013**
25. **Thomas Macron**, Thèse Ministère de la Recherche et de la Technologie, **2008-2012**
26. **Yann Le Duc**, Thèse Ministère de la Recherche et de la Technologie, **2006-2009**.
27. **Simona Mihai**, Thèse Ministère de la Recherche et de la Technologie, **2006-2009**.
28. **Eugene Arnold Mahon**, Thèse Marie Curie RTN, « Dynamic » **2006-2009**.
29. **Carole-Arnal Herault**, Thèse Ministère de la Recherche et de la Technologie, **2003-2006**
30. **Florina Dumitru**, Agence Universitaire Francophone, **2003-2006**.
31. **Mathieu Michau**, Thèse Programme EURYI **2004-2007**.
32. **Gihane Nasr**, Thèse Programme EURYI **2004-2007**.
33. **Adinela Cazacu**, Thèse Programme EURYI + Bourse de Gouvernement Français **2004-2007**
34. **Aurelia Tar**, Co-tutelle Université de Bucarest, Thèse Programme EURYI **2004-2007**.
35. **Carlos Muvdi-Nova**, Thèse Ministère de la Recherche et de la Technologie, **2005-2007**

### Master -22

1. **Maria Bischin**, UBBCluj, **2024**
2. **Ionut Stroia**, UBBCluj, **2022, 2023**
3. **Victor Petit**, UM, **2022**
4. **Luigi Seqi**, Politecnico di Torino Italy, **2019**
5. **Cristina Jegu**, Université A.I. Cuza , IASI, **2019, 2020**
6. **Iuliana Marilena ANDREI**, Université A.I. Cuza, IASI, **2018, 2019**.
7. **Cristina Smarandita ION**, Université A.I. Cuza , IASI, **2018, 2019**.
8. **Maria di Vincenzo**, Master 2, University of Torino, 2016.
9. **Nicolas Schmitt**, Master 2, Chimie Separative, Matériaux et Procédés, UMII, 2014.
10. **Benjamin Dallison**, Master1 Université Montpellier 1, **2013**
11. **Istvan Kocsis**, Master 1,2 Université Babes Bolyai Cluj Naopca, Romania-**2013-2014**.
12. **Vingh Nguien**, Master 2, EUDIME, 2013.
13. **Kristie Lapin**, DEA, Université Paul Sabatier, Toulouse **2012**.
14. **Youssef MOUACHA**, DEA Master Pro Université Montpellier II. **2011**.
15. **Teikinomoea Frebault**, Stage M1, Université Montpellier II, **2010**
16. **Licsandru Erol**, Master UPB, Erasmus, **2010**
17. **Paul Pers**, DEA Master Pro Université Montpellier II. **2010**.
18. **Valerie Gence**, DEA, Chimie Moléculaire et du Solide, Université Montpellier II. **2005**
19. **Hanan Adad**, DEA, Chimie des Matériaux, Université Montpellier II. **2006**.
20. **Rémi Caraballo**, DEA, Chimie Moléculaire et du Solide, Université Montpellier II. **2005**
21. **Mathieu Michau**, DEA, Chimie des Matériaux, Université Montpellier II. **2004**
22. **Pascal Blondeau** DEA en Chimie Moléculaire, Université Montpellier II. **2002**

### Stage IUT, ENSCM, Erasmus-32

1. **Abdreea Oanea**, Stage These, UBB Cluj, **2024**
2. **Rita Namoe**, Stage these AMSIC, Ghana, **2023-2024**.
3. **Omar Samhari**, IDEA, process engineer, **2020**
4. **Mihai Deleanu**, Master Erasmus, Université de Bucarest, **2016**.
5. **Delia Ciubotaru**, Université A.I. Cuza , IASI, **2015**.
6. **Violeta Botnarenco**, Université A.I. Cuza , IASI, **2015**.
7. **Lidia POP**, Stage Erasmus, Université Babes Bolyai Cluj Naopca, Romania-**2015**
8. **Grigoriu Alice**, Université A.I. Cuza , IASI, **2014**.
9. **Gerber Ioana Cristina**, Stage Erasmus, Université A.I. Cuza , IASI, **2014**.
10. **Nistor Andrea Daniela**, Master Erasmus, Université de Bucarest, **2014**.
11. **Bacaoanu Mirela Crengutu**, Stage Erasmus, Université A.I. Cuza , IASI, **2014**.
12. **Valentin Bouille** Stage Ingenieur ENSCM, Montpellier, **2014**.
13. **Albota Florin** –Master Erasmus, Université de Bucarest, **2014**.
14. **Benjamin Dallison**, Licence, Université Montpellier 1, **2012**.
15. **Veronica-Daniela Chiriac**, Stage Erasmus, Université A.I. Cuza, IASI, **2011**
16. **Florentina Samoila**, Stage Erasmus, Université A.I. Cuza , IASI, **2011**.
17. **Marcel-Mirel Popa**, Stage POSDRU, Bucharest, Romania, **2011**
18. **Dr. Daniel Tampu**-stage-STREAM Programme

19. **Dan Dumitrescu**- Stage POSDRU, Bucharest, Romania, **2011-2012**
20. **Alina Rogojanu**, Stage POSDRU, Iasi, Romania, **2011**
21. **Anna Zóltowska**, Stage Erasmus, University of Warsaw, Poland, **2010**.
22. **Jijie Roxana**, Stage Erasmus, Université A.I. Cuza de IASI, **2010**.
23. **Ropota Cornelia Alice**, Université A.I. Cuza de IASI, **2010**
24. **Justine Dauthier**, Stage IUT Montpellier, Université Montpellier II, **2009**.
25. **Eduard Falos**, Stage Erasmus, Université A.I. Cuza de IASI, **2009**
26. **Luiza Camelia Budeanu**, Stage Erasmus, Université A.I. Cuza de IASI, **2009**
27. **Aurelia Tar**, Etudiante SOCRATES, Université de Bucarest, **2005-2006**.
28. **Mihaela Serb**, Etudiante SOCRATES, Université de Bucarest, **2005**.
29. **Florina Balacianu**, Etudiante SOCRATES, Université de Bucarest, **2004**.
30. **Amparo de Jodar Urrea**, Stage Erasmus, Université de Zaragossa, **2003-2004**
31. **Hassan Solhi**, Stage IUT Montpellier, Université Montpellier II, **2002**.
32. **Elodie Pasco**, Stage IngenieurENSCM, Montpellier, **2002**.



