

Curriculum Vitae

Mihail-Dumitru BARBOIU

Senior Research Scientist CNRS (Directeur de Recherche-DR1)

Group Leader « Adaptive 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,
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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⁺/Cu²⁺ 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 Gérald POURCELLY).

2001-2008: CNRS Research Scientist/Associate Professor CR1– Group Leader : Institut Européen des Membranes de Montpellier, France (Prof. Louis COT et Prof Gérald 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. Invited professor, University of Nagoya, Japan; October 2019.
2. Gesellschaft Deutscher Chemiker GDCh Lecture, Chemistry, University of Bielefeld, January 23, 2019, Bielefeld, Germany.
3. Honorary Diploma of Romanian Chemical Society 2019
4. Gesellschaft Deutscher Chemiker GDCh Lecture, Chemistry, University of Karlsruhe and KIT, November 30, 2017, Karlsruhe, Germany.
5. Frontiers in Chemistry Distinguished Lecturer, Case Western Reserve University, March, 30 2017.
6. The Order of Faithful Service (Romanian: Ordinul Național "Serviciul Credincios"), 2016.
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 de France -2015.
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-Career Award 2014
14. Fellowship of Pole European Universitaire de Montpellier 1998-1999
15. Bronze medal – XIXth International Chemistry Olympiad, Veszprem- Hungary, 1987
16. Gold Medal – Ist 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 Volume Editor, *Topics Current Chemistry*, Springer, Verlag, 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 nucleobases self-assembly codes, Wiley Encyclopedia of Chemical Biology, 2007 doi:10.1002/9780470048672.wecb527.
8. *Systems Membranes- complex roadmaps toward functional devices and coupled processes*, Mihail 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. Ayrat, 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 160 invited lectures)

1. M. Barboiu*, **Invited Lecture**, Dynamic constitutional frameworks – new tools for exploring biorecognition. ACS Virtual National Meeting, San Francisco, CA, August 17-20, **2020**.
2. M. Barboiu* Artificial Water Channels – deconvolution of natural Aquaporins through synthetic design, **Invited Lecture** National ACS meeting San-Diego USA, 25-29 August, **2019**.
3. M. Barboiu*, **Plenary Lecture**, Artificial water channels, Gordon Conference: Gordon Research Conference, Membranes: Materials and Processes, New London, NH, USA August 12 - 17, **2018**.
4. M. Barboiu, **Plenary Lecture**, Artificial Water Channels Systems, North American Membrane Society NAMS-2018 meeting 9-13 June, 2018, Lexington, USA.
5. M. Barboiu, **Plenary Lecture** Rubbery Organic Frameworks-ROFs-Tuning the gas-diffusion through dynamic membranes, NAMS-PMSE ACS 2018 New Orleans, USA, 18-22 Mars, **2018**.

6. **M. Barboiu, Keynote Lecture**, Highly selective ion/water channels, SM7: Emerging Membrane Materials for Sustainable Separat, MRS 2017 Spring Meeting, Pheonix, USA, 15-22 April, **2017**.
7. **M. Barboiu, Plenary Lecture**, From Natural to Bioassisted and Biomimetic Artificial Water/Ion Channel Systems, 5th International Conference on Molecular sensors and Molecular Logic Gates MSMLG 2016, 24-28 July **2016**, Bath, G. Britain.
8. **M. Barboiu, Keynote Lecture**, Artificial Water Channels. 10th International Symposium on Macrocyclic & Supramolecular Chemistry (ISMSC-10). 7-11 June **2015**, Strasbourg, France.
9. **M. Barboiu, Keynote Lecture**, Rubbery Organic Frameworks-ROFs-Tuning the gaz-diffusion through dynameric membranes, 10th International Congress on Membranes and Membrane porcesses, ICOM2014, 20-25 July, **2014**, Shouzou, China.
10. **M. Barboiu, Keynote Lecture**, Dynamic behaviours and stabilization under confinement within supramolecular cages. 9th International Symposium on Macrocyclic & Supramolecular Chemistry (ISMSC-9). 7-11 June **2014**, Shanghai, China.

CURRENT AND PAST FUNDING ID

2020-2023 Member of Programe 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 7th 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 7th 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 Stregthening 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, USA,
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 11th 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 IInd EURYIAS Congress: "Complexity and Evolution in Matter, Molecules, Life and Society" 29 April-03 May 2008, Bucharest, Romania.
19. Chairman of the Ist 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 - mdpi.com/journal/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, JANUARY 2021

Peer review publications – 307

Peer review papers 247

Peer review proceedings –30

Books and Chapters – 24

Patents-6

Invited lectures and communications -422

Invited Lectures-164

Invited Seminars – 80

Communications -111

Posters-67

The top 10 publications, as senior author

1. 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. *Nat. Nanotechnol.* **2020**, DOI: 10.1038/s41565-020-00796-x
2. 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** DOI: 10.1002/ange.202009219; *Angew. Chem. Int. Ed.* **2020**, DOI: 10.1002/anie.202009219.
3. S.-P. Zheng, J.-J. Jiang, A. van der Lee, **M. Barboiu*** **Very Important paper and Frontispice Picture**. Voltage-responsive synthetic Cl⁻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
4. 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.
5. I. Kocsis, M. Sorci, H. Vanselous, S. Murail, S. E. Sanders, E.Licsandru, Y.-M. Legrand, A.van der Lee, M.Baaden, P. B. Petersen, G. Belfort*, **M. Barboiu***, Oriented chiral water wires in artificial transmembrane channels. *Science Adv.* **2018**, *4*, eaao5603. DOI: 10.1126/sciadv.aao5603.
6. A. Gilles, **M. Barboiu***, Highly Selective Artificial K⁺ Channels: An Example of Selectivity- Induced Transmembrane Potential. *J. Am. Chem. Soc.*, **2016**, *138*(1), 426-432.
7. E. Licsandru, I. Kocsis, Y.-x. Shen, S. Murail, Y.-M. Legrand, A. van der Lee, D. Tsai, M. Baaden, M. Kumar, **M. Barboiu***, Salt-excluding artificial water channels exhibiting enhanced dipolar water and proton translocation, *J. Am. Chem. Soc.*, **2016**, *138*, 5403-5409.
8. **M. Barboiu***, Y. Le Duc, A. Gilles, P.-A. Cazade, M. Michau, Y.-M. Legrand, A. van der Lee, B. Coasne, P. Parvizi, J. Post, T. Fyles. An artificial primitive mimic of Gramicidin-A channel, *Nature Comm.* **2014**, *5*, 4142. DOI: 10.1038/ncomms5142.
9. **M. Barboiu***, Artificial water channels, *Angew. Chem. Int. Ed.* **2012**, *51* 11674-11676.
10. Y. Le Duc, M. Michau, A. Gilles, V. Gence, Y.-M. Legrand, A. van der Lee, S. Tingry, **M. Barboiu***, Imidazole I-quartet water and proton dipolar channels, *Hot paper. Angew. Chem. Int. Ed.* **2011**, *50*(48), 11366-11372.

The top 10 review publications

1. **M. Barboiu***, Encapsulation versus self-aggregation toward highly selective artificial K⁺ Channels, *Acc. Chem. Res.* **2018**, *51*, 2711–2718.
2. Y. Zhang, **M. Barboiu***, Constitutional Dynamic Materials. Toward Natural Selection of Function, *Chem. Rev.* **2016**, *116*, 809-834.
3. **M. Barboiu***, Artificial Water Channels –incipient innovative developments. *Chem. Commun.*, **2016**, *52*, 5657-5665.
4. **M. Barboiu*** and A. Gilles, From natural to bio-assisted and biomimetic artificial water channel systems. *Acc. Chem. Res.* **2013**, *46*, 2814–2823.
5. **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.
6. **M. Barboiu***, The future of membranes - toward the natural selection of functions. *Actualité Chimique*, **2015**, *399*, 37-43.
7. E. Mahon, **M. Barboiu***, Synthetic multivalency for biological applications, *Org. Biomol. Chem.*, **2015**, *13*, 10590-10599.
8. **M. Barboiu***, Constitutional hybrid materials-toward selection of functions. *Eur J. Inorg. Chem.* **2015**, 1112-1125.
9. Y.M. Legrand, **M. Barboiu***, Self-Assembled Supramolecular Channels: Toward Biomimetic Materials for Directional Translocation, *Chem. Rec.* **2013**, *13*(6), 524-538.
10. **M. Barboiu***, Dynamic Interactive Systems - Dynamic selection in hybrid organic-inorganic constitutional networks, Feature Article, *Chem. Commun.* **2010**, *46*, 7466-7476.

Nanosystèmes Supramoléculaires Adaptatifs Group

IEM-UMR 5635 Montpellier 2005-2021

Total = 105 research associates

Post doctorants -22

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

Ph.D. Students-34

1. Kelvinraj Nursiah, Thèse INTELWATT 2021-2024.
2. Maxime Leclere, Thèse INTREPRIDUS 2021-2024
3. Omar Samhari, Ingénieur IDEA 2020-2021
4. Iuliana Marilena Andrei, These ITN Marie Curie, PROTON, 2020-2023
5. Sanaa Daakour, These ANR, co -tutelle Liban 2019-2022
6. Cristina Smarandita Ion, Co-tutelle Université A.I. Cuza, IASI, 2019-2022
7. Dandan Su, Thèse CSC, 2019-2023
8. Rui Yu, These CSC, 2017-2021-co-encadrement Dr S. Li
9. Libo Huang, Thèse Sun Yat Sen University, 2018-2021
10. Dmytro Strilets, Thèse ANR, 2018-2021
11. Maria di Vincenzo, Thèse ANR, 2017-2020
12. Shaoping Zheng, Thèse Yat Sen University, 2017-2019
13. Yuhao Li, Thèse Sun Yat Sen, 2015-2018
14. Istvan Kocsis, Thèse LABEX Chemisyst 2014-2017
15. Licsandru Erol, These ITN Marie Curie, Dynano, 2012-2015
16. Romina Crasneanu, These ITN Marie Curie, Dynano, 2012-2015
17. Mohamed Yahia, These EUDIME, 2013-2016.
18. Cheryl Tanardi- EUDIME PhD., 2014
19. Alina Cristian, Thèse Ministère de la Recherche et de la Technologie, 2012-2015.
20. Cristina URATU, 2013-IDEI Programme
21. Bogdan-Geroge Rusu, Thèse AUF, 2011-2013
22. Zineb Mouline, Thèse Région LR+ Institut de Chimie, CNRS, 2010-2013
23. Valerie Gence, Thèse Ministère de la Recherche et de la Technologie, 2010-2013
24. Thomas Macron, Thèse Ministère de la Recherche et de la Technologie, 2008-2012
25. Yann Le Duc, Thèse Ministère de la Recherche et de la Technologie, 2006-2009.
26. Simona Mihai, Thèse Ministère de la Recherche et de la Technologie, 2006-2009.
27. Eugene Arnold Mahon, Thèse Marie Curie RTN, « Dynamic » 2006-2009.

28. **Carole-Arnal Herault**, Thèse Ministère de la Recherche et de la Technologie, **2003-2006**
29. **Florina Dumitru**, Agence Universitaire Francophone, **2003-2006**.
30. **Mathieu Michau**, Thèse Programme EURYI **2004-2007**.
31. **Gihane Nasr**, Thèse Programme EURYI **2004-2007**.
32. **Adinela Cazacu**, Thèse Programme EURYI + Bourse de Gouvernement Français **2004-2007**
33. **Aurelia Tar**, Co-tutelle Université de Bucarest, Thèse Programme EURYI **2004-2007**.
34. **Carlos Muvdi-Nova**, Thèse Ministère de la Recherche et de la Technologie, **2005-2007**

Master -19

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

Stage IUT, ENSCM, Erasmus-30

1. **Omar Samhari**, IDEA, process engeneer, **2020**
2. **Mihai Deleanu**, Master Erasmus, Université de Bucarest, **2016**.
3. **Delia Ciubotaru**, Université A.I. Cuza , IASI, **2015**.
4. **Violeta Botnarenco**, Université A.I. Cuza , IASI, **2015**.
5. **Lidia POP**, Stage Erasmus, Université Babes Bolyai Cluj Naopca, Romania-**2015**
6. **Grigoriu Alice**, Université A.I. Cuza , IASI, **2014**.
7. **Gerber Ioana Cristina**, Stage Erasmus, Université A.I. Cuza , IASI, **2014**.
8. **Nistor Andrea Daniela**, Master Erasmus, Université de Bucarest, **2014**.
9. **Bacaoanu Mirela Crenguta**, Stage Erasmus, Université A.I. Cuza , IASI, **2014**.
10. **Valntin Bouille** Stage Ingenieur ENSCM, Montpellier, **2014**.
11. **Albota Florin –Master Erasmus**, Université de Bucarest, **2014**.
12. **Benjamin Dallison**, Licence, Université Montpellier 1, **2012**.
13. **Veronica-Daniela Chiriac**, Stage Erasmus, Université A.I. Cuza, IASI, **2011**
14. **Florentina Samoila**, Stage Erasmus, Université A.I. Cuza , IASI, **2011**.
15. **Marcel-Mirel Popa**, Stage POSDRU, Bucharest, Romania, **2011**
16. **Dr. Daniel Tampu**-stage-STREAM Programme
17. **Dan Dumitrescu**- Stage POSDRU, Bucharest, Romania, **2011-2012**
18. **Alina Rogojanu**, Stage POSDRU, Iasi, Romania, **2011**
19. **Anna Zółowska**, Stage Erasmus, University of Warshaw, Poland, **2010**.
20. **Jijie Roxana**, Stage Erasmus, Université A.I. Cuza de IASI, **2010**.
21. **Ropota Cornelia Alice**, Université A.I. Cuza de IASI, **2010**
22. **Justine Dauthier**, Stage IUT Montpellier, Université Montpellier II, **2009**.
23. **Eduard Falos**, Stage Erasmus, Université A.I. Cuza de IASI, **2009**
24. **Luiza Camelia Budeanu**, Stage Erasmus, Université A.I. Cuza de IASI, **2009**
25. **Aurelia Tar**, Etudiante SOCRATES, Université de Bucarest, **2005-2006**.
26. **Mihaela Serb**, Etudiante SOCRATES, Université de Bucarest, **2005**.

27. **Florina Balacianu**, Etudiante SOCRATES, Université de Bucarest, **2004**.
28. **Amparo de Jodar Urrea**, Stage Erasmus, Université de Zaragossa, **2003-2004**
29. **Hassan Solhi**, Stage IUT Montpellier, Université Montpellier II, **2002**.
30. **Elodie Pasco**, Stage IngenieurENSCM, Montpellier, **2002**.