

Current Composition of the Group :

Nathalie Solladié : Group leader, Chargée de Recherche CNRS.

Régis Rein : Research Engineer CNRS.
Rigid Molecular Wires for Exciton Transfer.

Historical Record of the Group :

59 students welcomed in the Group since 1999.

PhD Defense :

PhD1. Chloé Sooambar : defense on the 26th of September **2003**. Title: “*Synthesis and Properties of Arborescent Multi-Porphyrins: Elaboration of Models of the Light Harvesting Antenna of the Photosynthetic System*”.

PhD2. Vincent Troiani : defense on the 19th of November **2004**. Title: “*Multi-Porphyrinic Helix with Peptidic Backbone: towards the Intramolecular Propagation of a Signal*”.

PhD3. Régis Rein : defense on the 21st of October **2005**. Title: “*Cofacial Multi-Porphyrins: from Extended Tweezers with Adjustable Cavity for Host / Guest Recognition to Rigid Molecular Wires*”.

PhD4. Souhaila Bouatra : defense on the 19th of October **2006**. Title: “*Elaboration of Bis-Porphyrinic Tweezers bearing Nucleosidic Linkers for Molecular Recognition*”.

PhD5. Sonja Merkas : defense on the 21st of November **2006**. Title: “*Oligonucleotides with Pendant Porphyrins: towards Self-assembled Multi-Porphyrinic Nano-Materials*”.
Co-supervision with Prof. Mladen Zinic (Rudjer Boskovic Institute, Zagreb, Croatia)

PhD6. Mathieu Walther : defense on the 28th of November **2006**. Title: “*Elaboration of Porphyrin/Fullerene Complexes: towards the Synthesis of Models of the Light Harvesting Antennae and the Reaction Center of the Photosynthetic System*”.

PhD7. Maxence Urbani : defense on the 21st of September **2007**. Title: “*Synthesis of Supramolecular Photo-Active Systems combining Porphyrins and Fullerenes*”. Co-supervision with Dr. Jean-François Nierengarten (ECPM, Strasbourg, France).

PhD8. Farid Aziat: defense on the 13th of February **2009**. Title: “*Molecular Wires bearing Pendant Porphyrins for the Elaboration of Novel Glues*”.

Post Doctoral Fellow :

- PD1. Dr. Hongjin Qiu** : Post-doctoral position from December **2003** to November **2004** (polypeptides with pendant porphyrins : towards the elaboration of novel type of glues).
- PD2. Dr. Fabio Lodato** : Post-doctoral position from September **2008** to August **2010** (Self-Assembled Molecular Switches). CNRS grant.

Master 2 :

- D1 : Chloé Sooambar** : DEA, October **1999** to September **2000** (arborescent multi-porphyrins).
- D2 : Julie Brettar** : DEA, October **1999** to October **2000** (cofacial bis-porphyrins and host/guest complexes with various bidentate bases).
- D3 : Arnaud Hamel** : DEA, October **1999** to June **2000** (octapeptide bearing pendant porphyrins).
- D4 : Vincent Troiani** : DEA, October **2000** to September **2001** (octapeptide bearing pendant porphyrins).
- D5 : Mathieu Walther** : DEA, October **2002** to September **2003** (porphyrin/C60 supramolecular devices).
- D6 : Régis Rein** : DEA, October **2002** to September **2003** (cofacial bis-porphyrins and host/guest complexes with various bidentate bases).
- D7 : Frédérique Brégier** : DEA, October **2002** to September **2003** (arborescent multi-porphyrins).
- D8 : Majdi Lahd Geagea** : DEA, October **2003** to September **2004** (cofacial bis-porphyrins and host/guest complexes with various bidentate bases).
- D9 : Nabil Merimeche** : DEA, October **2003** to September **2004** (cofacial bis-porphyrins and host/guest complexes with various bidentate bases).
- D10 : Jérôme Roeser** : DEA, October **2004** to September **2005** (self-assembled redox molecular switch).
- D11 : Sandra Edith Almeida Carbajal** : June **2006** (mexican *Master 2*, collaboration with Prof. Ernesto Rivera from Mexico City).
- D12 : Fernando Jose Tapia Salazar** : June **2006** (mexican *Master 2*, collaboration with Prof. Ernesto Rivera from Mexico City).
- D13 : Jorge Alberto Dircio Segura** : May-June **2007**, mexican *Master 2*, collaboration with Prof. Ernesto Rivera from Mexico City, (Synthesis of a Triazine Functionalized by two Porphyrins).

- D14 :** **Artem Osypenko** : Master 2, September 2011 – June 2012 (polypeptides with pendant porphyrins for the elaboration of novel type of glues).
- D15 :** **Thierno Macka Diallo** : Master 2, September 2013 – June 2014 (self-assembled molecular switches).

Master 1 :

- M1 :** **Chloé Sooambar** : February-June **1999** (arborescent multi-porphyrins).
- M2 :** **Sylvie Schaetzle** : March-June **2000** (arborescent multi-porphyrins).
- M3 :** **Nicolas Aubert** : April-July **2001** (molecular switches).
- M4 :** **Mathieu Walther** : March-July **2001** (arborescent multi-porphyrins).
- M5 :** **Régis Rein** : March-July **2002** (large rigid bis-porphyrinic tweezers).
- M6 :** **Eddie Humbert** : March-July **2004** (bis-porphyrinic tweezers with nucleosidic spacer).
- M7 :** **Jérôme Roeser** : March-July **2004** (bis-porphyrinic tweezers with nucleosidic spacer).
- M8 :** **Aurélie Cot** : June-July **2007** (Toward the Obtaining of Self-Assembled Multi-Porphyrins).
- M9 :** **Awa Diarrassouba** : April-May **2009**, UPS (synthesis of dipeptides).
- M10 :** **Florian Dang-Xuan** : April-May **2009**, UPS (synthesis of a novel amino-acid functionalized by a coordinating porphyrin).
- M11 :** **Khaled Bellachia** : April-June **2009**, Licence Pro Metz (synthesis of porphyrinic dipeptides).
- M12 :** **Emeline Lahaut** : April-July **2013**, Master 1 in Rennes (synthesis and physico-chemical studies of porphyrinic dimers with nucleosidic linkers).
- M13 :** **Marie Roucan** : April-May **2014**, Master 1 UPS Toulouse (synthesis of peptidic monomers).
- M14 :** **Sophie Papagheorghiou** : April-May **2014**, Master 1 UPS Toulouse (synthesis of peptidic monomers).

Trainees :

1. **Tamara Meyer** : October 2000 to September 2002 (porphyrinic dimers).
2. **Mathieu Walther** : October 2001 to September 2002 (arborescent multi-porphyrins).
3. **Nicolas Aubert** : October 2002 – July 2004 (molecular switches).
4. **Miljan Tripic** : May - August 2006 (*Bachelors of Science, Licence*, cofacial bis-porphyrins).

5. **Eimear Finnigan** : May 2010 (*PhD Student* in the group of Prof. M. Senge at the Trinity College of Dublin, Ireland, binding studies of triptycene-linked porphyrin arrays).
6. **Raoudha Soury** : September to November 2012 and April to July 2013 (*PhD Student* in the group of Prof. H. Nasri at the University of Monastir, Tunisia, cofacial bis-porphyrins).

IUT :

- I1. **Nicolas Rieger** : April-May **1998**
- I2. **Frédérique Loeuillet** : June-July **1999** and May-July **2000**
- I3. **Guillaume Thépot** : May-July **2002**
- I4. **Julien Roeser** : May-July **2002**
- I5. **Younes Elkhammas** : May-July **2005**
- I6. **Sébastien Vignando** : February-April **2007**
- I7. **Vanessa Roussilles**: February-April **2008**.
- I8. **Aude Letchimy** : June-July **2012**, IUT Lyon I.

BTS :

- B1** : **Fabien Lardies** : May-July **2008**, BTS Chemistry.
- B2** : **Julie Martin-Rodriguez** : June then October-December **2008**, BTS Bio-Analyses et Contrôles.
- B3** : **El Roumaissaa Rahmani** : June then October-December **2008**, BTS Bio-Analyses et Contrôles.
- B4** : **Simon Deleruyelle** : June then October-December **2009**, BTS Bio-Analyses et Contrôles.
- B5** : **Julie Martin** : June then October-December **2009**, BTS Bio-Analyses et Contrôles.
- B6** : **Gauthier Daguebert** : June-July **2009**, BTS Chimie Tarbes.