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PROFESSIONAL EXPERIENCE

March 2021 - now

- Post-doctoral Fellowship, ICBMS, Lyon. (supervisors: Pr. Julien LECLAIRE, Pr. Bruno Andrioletti, Dr. Laurent VIAL, Dr. Ludivine JEAN-GERARD)

Study of biobased polyamine for CO₂ capture and for polymers synthesis without isocyanate.

2017 - December 2020

- PhD with teaching duty, ISM2, Marseille. (supervisors: Pr. Alexandre MARTINEZ, Dr. Bastien CHATELET, Dr. Didier NUEL)

Synthesis and Application of endohedral Phosphorus based hemicryptophanes.

Teaching practical work of Organic and Inorganic Chemistry for 1st and 2nd year UIT Students.

2017

- Five months internship, ISM, Bordeaux. (supervisor: Pr. Brigitte BIBAL)

Multi-Step synthesis of di-helicene anthracene.

2015

- Two months internship, IECB, Bordeaux. (supervisor: Dr. Yann FERRAND)

Multi-Step synthesis of monomers and dimers applied in foldamer synthesis.

EDUCATION

2017 - 2020

- **PhD**, Faculty of science, ISM2, Aix-Marseille Univ., France

2014 - 2017

- **MSc** Faculty of science, Univ. Bordeaux, France

2013 - 2014

- **BSc** Faculty of science, Univ. Avignon/ Aix-Marseille Univ., France

2011 - 2013

- **Two-year university** degree, technology of chemistry, UIT Montpellier, France

2011

- STL Chemistry **Baccalaureate** with honors (UK equivalent: BTEC National of Chemistry)

ADDITIONAL SKILLS

Computer Skills

- Expert in Office suits (Word/ Excel/ Powerpoint)
- Good in Google Documents
- Expert in MestrNova NMR software for 1D and 2D NMR and ChemDraw suits

Language Skills

- Fluent in French
- Good in English

Social Skills

- Supervisor of 4 master students during PhD and Post Doc
- Volunteer conference organizer of Journées de Chimie Supramoléculaire 2022
- Organizer of Lab group Lunch

CONGRESS

Oral Presentation

- Green Chemistry Young Researchers Summer Workshop, Lyon France
 - Bio-based polyamine for the future

Poster Presentation

- RCOM10, Marseille France
 - Synthesis of phosphorus based hemicryptophane
- ISMSC2019, Lecce Italy
 - Synthesis of new metal complexes confined in cage molecule
- JCS2022, Lyon France
- ICC8, Lisbon Portugal
 - Bio-based polyamine to capture the CO₂

PUBLICATION

Work in progress

- Marc Hennebelle, Bastien Chatelet, Didier Nuel, Alexandre Martinez ; Synthesis and structural analysis of a new metal complex hemicryptophane, in writing
- Marc Hennebelle, Bastien Chatelet, Didier Nuel, Alexandre Martinez ; Enhancement of reactivity for the Morita-Baylis-Hillman reaction catalyzed by an endohedral phosphorus based hemicryptophane, in writing
- Marc Hennebelle, Bastien Chatelet, Didier Nuel, Alexandre Martinez ; New efficient gold confined catalyst with astonishing reactivity, in writing
- Marc Hennebelle, Laurent Vial, Ludivine Jean-Gerard, Bruno Andrioletti, Julien Leclaire ; Study of equilibrium system of bio based polyamines during the CO₂ capture in water

CONTACT

Post-doc supervisors

- Pr. Julien LECLAIRE (julien.leclaire@univ-lyon1.fr)
- Pr. Bruno ANDRIOLETTI (bruno.andrioletti@univ-lyon1.fr)

PhD supervisor

- Pr. Alexandre MARTINEZ (alexandre.martinez@centrale-marseille.fr)

Master internship

- Pr. Brigitte BIBAL (brigitte.bibal@u-bordeaux.fr)