



CLÉMENT COUTOULY

PhD Student | LOUVAIN-LA-NEUVE, 1348, BELGIUM | +32 4 70 71 75 72

DETAILS

Grand-Place 23/202, Louvain-la-Neuve, 1348, Belgium
+32 4 70 71 75 72
clement.coutouly@uclouvain.be

DATE / PLACE OF BIRTH

27/10/1992
Albi, France

NATIONALITY

French

DRIVING LICENSE

Yes

LINKS

[Linkedin](#)

SKILLS

English Speaking

Microsoft Office Package

RAFT Polymerization

Anionic Polymerization

Organic Synthesis

NMR Analysis

GPC Analysis

SM (MALDI-ToF)

DSC, ATG

HOBBIES

Tennis, Football, Rugby

EMPLOYMENT HISTORY

Synthesis and Dynamics of Model supramolecular networks at PhD Student, UCL, Louvain-la-Neuve, Belgium

March 2018 – Present

- RAFT Polymerization of triblocks copolymers, star polymers
- Design of different types of networks in melt and solution
- Characterisation by ^1H , ^{13}C NMR and GPC
- Rheology characterisations on Anton Paar (Solution) and Ares (melt) rheometers

Supervisors: Pr Charles-André Fustin, Pr Evelyne Van Ruymbeke

Organocatalytic Ring-Opening Polymerization of Aziridines at Master thesis, LCPO, Bordeaux, France

January 2017 – June 2017

- Organocatalytic synthesis and polymerisation
- Characterisation by GPC, ^1H and ^{13}C NMR, MS (MALDI-ToF)
- Anionic and Engineering (Co)polymerization

Supervisors: Pr. Daniel Taton, Pr. Stéphane Carlotti

Diversity substituted 1,2 diamines synthesis: towards oligourea-based foldamers at Bachelor internship, IECB, Bordeaux, France

April 2015 – May 2019

- Multi step synthesis
- Purification by chromatography columns and recrystallization
- Analysis by ^1H , ^{13}C NMR and SM
- Bibliography research

Supervisor: Dr. Morgane Pasco

EDUCATION

Université de Bordeaux, Bordeaux, France

September 2015 – June 2017

Degree: Master's Degree

Master in Chemistry, specialized in "Chimie Moléculaire et Macromoléculaire".

Université de Bordeaux, Bordeaux, France

September 2012 – June 2015

Degree: Bachelor's Degree

Bachelor in Chemistry, "Modélisation d'objet Moléculaire" and "Conception et élaboration de Matériaux"

