

CURRICULUM VITAE

PERSONAL INFORMATIONS

First Name(s)/Surname(s) **Romina Mariana CRĂSNEANU (CĂTANĂ)**
Date of birth: 18.06.1988
Nationality: Romanian
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EDUCATION AND TRAINING

2003 – 2007 **Bacalureat**, Colegiul Național “Doamna Stanca”, Satu Mare, Romania
8,44 (out of 10).

2007 – 2010 **Bachelor of Chemical Science**, “Babeș-Bolyai” University, Faculty of
Chemistry and Chemical Engineering, Cluj-Napoca, Romania: 10 (out of
10) - **Synthesis and Structural Analysis of Some Terpyridine
Derivatives Precursors for Rotaxanes**; Scientific Supervisors: Lect.
Dr. Anamaria Terec, Dr. Doru Roiban

2007 – 2010 **Pedagogical Module**, “Babeș-Bolyai” University, Faculty of Psychology
and Educational Sciences, Cluj-Napoca, Romania: 9,25 (out of 10)

2010 - 2012 **Master of Science in Advanced Chemistry**, “Babeș-Bolyai” University,
Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania:
9,25 (out of 10) - **Application of Dynamic Constitutional Chemistry in
the Synthesis of New Cryptands**; Scientific Supervisors: Prof. Dr. Ion
Grosu, Dr. Niculina Hădade

December 2012- **PhD. Student** – University of Montpellier 2, Montpellier, France –scientific
supervisor: Dr. Mihai Bărboiu

WORK EXPERIENCE

October 2010 – December 2012

Research assistant, "Babeş-Bolyai" University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

December 2012 –

Junior researcher, "Institut Européen des Membranes", Montpellier, France

FIELDS OF RESEARCH

Supramolecular Organic Chemistry, Dynamic Constitutional Chemistry.

PERSONAL SKILLS AND COMPETENCES

Language(s): Romanian (mother tongue), English (independent user), French (basic user)

Technical skills and competences

Multi-step organic synthesis, HPLC Method development and validation for Dynamic Combinatorial Libraries, familiar with most spectral characterization methods and apparatus involved: NMR spectroscopy, HPLC-MS, MS (ESI, APCI), UV-Vis, IR etc.

Computer skills and competences

Microsoft Office (Word, Excel, Power Point), ChemDraw, MestreC, MestreNova, etc.

Social skills and competences

Communicative, sociale, answerable; capacity to work individual or in a team.

LIST OF PUBLICATIONS

Scientific publication

Synthesis and Photophysical properties of some 6,6"-Functionalized Terpyridine Derivatives, Lar, C.; Roiban, G.-D.; Crăsneanu, R. M.; Mihalca, I.; Bogdan, E.; Terec, A.; Grosu, I. *Cent. Eur. J. Chem.* **2011**, 9, 218-223.

Posters and oral communications

„UV and Fluorescence Properties of Some Terpyridine Derivatives Precursors for Rotaxanes”

Crășneanu, R. M.; Roiban. G. D.; Grosu I. International Conference “Students for Students”, 6th édition, Cluj-Napoca, Romania, april **2009**. –oral communication

„Dynamic Constitutional Libraries: Synthesis and Identification of New Synthetic Receptors for

Neutral Aromatic Molecules” **Crășneanu, R. M.**, Medruț, I.; Grosu, I.; Hădade, N. D. International Congress „YoungChem 2011” Kracow, Poland, october **2011** - poster

„Application of Dynamic Constitutional Chemistry in the Synthesis of New Cryptands”

Crășneanu, R. M.; Grosu I.; Hădade, N. D. „Conferința Națională de Chimie”, 32nd edition, Căciulata , Romania, october **2012** - poster