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C.N.R.S. / Section 18

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RESEARCH ACADEMIC INTEREST

New Methods; Organic Synthesis; Organometallic Chemistry; Asymmetric Synthesis and Catalysis; Nitrogen-Containing Heterocycles; Glycomimetics; Carbohydrates; Iminosugar-C-Glycosides; Enamides.

SUMMARY OF ACADEMIC RECORDS

44 publications (38 journals, 1 patent, 4 book chapters, 1 review), **5** oral communications, **61** poster presentations.

PROFESSIONAL AND ACADEMIC RESEARCH EXPERIENCE

Since 2019

UMR 7311 CNRS – Université d'Orléans / Institut de Chimie Organique et Analytique (ICOA), Orléans, France

Employment profile: **Associate scientist normal class** (Chargé de recherche classe normale in the lab of prof. Isabelle GILLAIZEAU) at the **National Center for Scientific Research** (Centre national de la recherche scientifique or **CNRS**)

Research topic: “*Methodologies and Heterocycles*”

2010 – 2020

UMR 7311 CNRS – Université d'Orléans / Institut de Chimie Organique et Analytique (ICOA), Orléans, France

Employment profile: **Associate scientist 2nd class** (Chargé de recherche 2^{ème} classe), then **1st class**, and **normal class** (Chargé de recherche 1^{ère} classe puis classe normale) in the lab of prof. Olivier R. MARTIN at the **National Center for Scientific Research** (Centre national de la recherche scientifique or **CNRS**)

Research topic: “*Glycochemistry – Conception and Synthesis of Glycosides and Analogues*”

2008 – 2010

Université de Montréal, Montreal, Canada

Employment profile: **Postdoctoral Research Associate**

Supervisor: prof. **André B. CHARETTE**

Research Topic: *Development of New Asymmetric Cyclopropanation Reactions*

2007

GenKyoTex-SA, Geneva, Switzerland

Employment profile: **Scientist**

Research Topic: *Design, Synthesis and Development of Innovative Drug Inhibitors to Treat Oxygen Radical-Mediated Diseases*

EDUCATION AND TRAINING

- 2020** **Université d'Orléans, Orléans, France**
"Habilitation à Diriger des Recherches"
Title: "Methodologies, Stereoselective Synthesis and Design of New Therapeutics"
Jury: Prof. **Y. BLÉRIOT**, prof. **I. GILLAIZEAU**, prof. **N. LUBIN-GERMAIN**, Dr. **S. NORSIKIAN**, prof. **X. PANNECOUCKE** and prof. **G. PRESTAT**.
- 2003 – 2008** **Université de Genève, Geneva, Switzerland**
Ph.D. in Organic Chemistry
Supervisor: **Prof. J. LACOUR**
Project: *Synthesis and Applications of Highly Stable Non-Symmetrical Heterocyclic Carbenium Ions*
Jury: Prof. **Bo. W. LAURSEN** and prof. **A. ALEXAKIS**
- 2002 – 2003** **Université de Saint Jérôme, Marseille, France**
"DEA de Chimie Moléculaire et Molécules Bioactives" - Master of Sciences (M.Sc.) in **Bioorganic Chemistry** - Second year
Supervisor: **Prof. J. RODRIGUEZ**
Project: *Synthesis and Reactivity of 2-Vinylidenefuran Scaffolds*
Jury: Dr. **J. -L. PARRAIN** and prof. **J. -M. PONS**
- 2001 – 2002** **Université d'Avignon et des Pays de Vaucluse, Avignon, France**
"Maîtrise de Chimie" - Master of Sciences (M.Sc.) in chemistry - first year
Specialization: Organic Synthesis