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## PERSONAL INFORMATION

45 years old, married with Céline, 3 children (Camille, 18 years old, Anaïs, 16 years old and Gaëlle, 10 years old)

## ACADEMIC AND PROFESSIONAL BACKGROUND

- 2006- *Senior Researcher* – Directeur de Recherche CNRS - University Paul Sabatier (Toulouse)  
Laboratoire Hétérochimie Fondamentale et Appliquée
- 2006- *Associate Professor* - Ecole Polytechnique (Palaiseau)
- 2003 *Habilitation* - University Paul Sabatier (Toulouse)
- 1998-2006 *Researcher Assistant* – Chargé de Recherche CNRS - University Paul Sabatier (Toulouse)  
Laboratoire Hétérochimie Fondamentale et Appliquée
- 1997-98 Military Service as *Research and Teaching Associate*  
Laboratoire Hétéroéléments et Coordinations - Ecole Polytechnique (Palaiseau)  
Supervisor: Dr. F. Mathey
- 1995-98 *Ph D* in Chemistry - University Paul Sabatier (Toulouse) - Laboratoire de Chimie de  
Coordination - Supervisor: Dr. G. Bertrand
- 1994-95 *Agrégation externe* of Physical Sciences, option Chemistry (1<sup>st</sup> rank)
- 1992-94 \* *Post-graduate degree* in Organic and Bioorganic Chemistry (1<sup>st</sup> rank) - University Jussieu  
(Paris VI) - Laboratory of Pharmacological and Toxicological Chemistry and Biochemistry -  
Supervisors: Pr. J.-C. Depezay and Y. Le Merrer  
\* *Master's degree* in Chemistry at the Ecole Normale Supérieure in Paris (France)

## DISTINCTIONS & AWARDS

- 2016 *Silver Medal* from the CNRS
- 2013 *Distinguished Junior Member* of the French Chemical Society
- 2011-13 *Experienced researcher fellowship* from the Alexander von Humboldt Foundation
- 2009-16 *Prime d'Excellence Scientifique* from the CNRS
- 2009 *Acros Award* from the French Chemical Society
- 2006 *Clavel Lespieau Award* from the French Academy of Sciences
- 2005 *Bronze Medal* from the CNRS
- 1999 *Dina Surdin Award* from the French Chemical Society

## RESEARCH INTERESTS

Main group chemistry  
Bifunctional Ligands and Coordination Chemistry  
Biodegradable Polymers: Monomers, Catalytic systems, Applications in Drug Delivery  
Highly Reactive Species, New Bonding Modes and Reactivity Patterns

## **SCIENTIFIC RECORD**

**h = 42, >10000 citations (>9000 without self-citations)**

173 articles including 3 Science, 1 Nature Commun, 27 Angew. Chem., 23 J. Am. Chem. Soc.  
15 reviews (including 3 Chem. Rev.), 5 book chapters, 3 proceedings, 24 patents  
70 invited conferences in meetings (including 53 in international meetings)  
93 invited seminars in universities, companies (including 55 abroad)  
17 oral communications (including 11 in international meetings)

## **OTHER ACTIVITIES**

### ***SUPERVISION***

18 post-graduate students, 30 PhD students, 26 post-doctoral fellows

### ***TEACHING***

Ecole Polytechnique, Palaiseau (since 2000)

Université Paul Sabatier and CNAM, Toulouse (1998-2007)

Member of admission committees: Ecoles Normales Supérieures (1997-2007) & Ecole Centrale (1999-2003)

### ***COLLECTIVE & ADMINISTRATIVE RESPONSABILITIES***

LHFA Director (since 2011), LBPB Group leader (since 2002)

President of the Scientific Committee of the International Chemistry Olympiads (2019)

Member of the Scientific Council of the CNRS Chemistry Institute (2015-18)

Elected Member of the CNRS National Committee (2008-12)

Member of the Organometallics (2012-14) and Chemical Reviews (2015-) Advisory Boards

Member of the Scientific Advisory Board of IQCC (University of Girona) (2013-)

Elected Member of the Council of the Chemistry Department from the Ecole Polytechnique (2008-12)

Nominated Member of the Laboratory Council of LHFA (1999-2010)

Elected Member of the Council of the Structure Fédérative Toulousaine en Chimie Moléculaire (2003-07)

Chairman of the National Meeting of Organic Chemistry GECO 45 (Boussens, 2004)

>344 manuscripts reviewed since 1998

External Member of PhD and Habilitation defense committees (29 + 11)

Scientific expertises for the national agencies ANR (13) and AERES (6)

Scientific expertises for foreign projects (12 from NSF, ACS-PRF, Canad. Found., EURYI, ERC, FNRS)

Co-organizer of the LHFA scientific seminars (>105 lectures, 2003-11)

### ***INSTITUTIONAL & INDUSTRIAL FUNDINGS***

National support for Young Researchers (ACI, JC 4091, 2004-06, PI, 80 k€)

National support from the National Agency of Research (~1134 k€) (Non-thematic program: project BILL,

2006-08, MELIBO, 2010-13, POGO, 2012-15 and COLAMET, 2015-19, PI & NITCHE, 2008-10,

CYCLOOP, 2014-18, Partner; ANR-DFG program: project MENOLEP, 2012-15, Partner;

Sustainable growing program: project BIOPOLYCAT, 2008-10, Partner)

Marie-Curie Fellowships (EIF program, M. Bebbington, 2005-07, N. Nebra, 2011-13, J. Rodriguez, 2018-20)

Administ. & Scientific Responsibility of 13 Industrial Collaborations (Cooperation Contracts, ~1561 k€),

Scientific Consulting (Sanofi-Aventis, Coatex, Air Liquide)

### ***ACADEMIC COLLABORATIONS***

*International:* G. Bertrand (USA), F. P. Cossio (San Sebastian, Spain), P. W. Dyer (Durham, UK), G. Erker (Münster, Germany), F. P. Gabbaï (Texas A&M, USA), O. V. Ozerov (Texas A&M, USA), X. Ribas (Girona, Spain), C. Russell (Bristol, UK), M. Scheer (Regensburg, Germany), J. C. Sloatweg (Amsterdam, The Netherlands), D. Szieberth (Budapest, Hungary), M. Takahashi (Chiba, Japan), W. Uhl (Münster, Germany)

*National:* J. F. Carpentier & S. Guillaume (Rennes), Y. Coppel (Toulouse), P. Dauban (Gif-sur-Yvette), F. Fotiadu & J. Leclaire (Marseille), M. Gomez (Toulouse), G. Guichard (Bordeaux), J.-C. Hierso (Dijon), L. Maron (Toulouse), K. Miqueu (Pau), S. Sabo-Etienne (Toulouse), J. Siepmann (Lille)