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EXPERIENCE

2014 **Postdoctoral fellowship.** Laboratoire de Chimie, ENS Lyon (**Dr. C. Andraud et Dr. Y. Bretonni re**)

« *Synthesis of luminescent phosphoinositides for high-resolution fluorescence microscopy* »

2012-2013 **Postdoctoral fellowship (ATER).** Laboratoire de Chimie, ENS Lyon (**Dr. C. Andraud et Dr. O. Maury**)

« *Milisecond lifetime imaging with lanthanide complexes and cyanine dyes under one or two photon excitations* »

2010 - 2011 **Postdoctoral fellowship.** Center for Photochemical Sciences, Bowling Green State University, Ohio (**Pr. F. N. Castellano**)

« *Improving the efficiency of low power photon upconversion* »

2006 - 2010 **Ph.D.** Laboratoire de Chimie Organique et Spectroscopies Avanc es, Universit  Louis Pasteur (**Dr. R. Ziessel et Dr. G. Ulrich**)

« *Functionalization of bodipy dyes for specific applications* »

EDUCATION

2006-2010 Ph.D. in organic chemistry, Universit  de Strasbourg (FR)

2005-2006 Master Recherche "Chimie Mol culaire et Supramol culaire", Universit  de Strasbourg (FR)

2004-2005 Ma trise de chimie, Universit  de Strasbourg, FR

2003-2004 Licence de chimie, Universit  de Strasbourg, FR

2001-2003 DEUG "Science de la mati re", Universit  de Strasbourg, FR

SELECTED PUBLICATIONS

Since 2008, 18 publications including:

- 1. Millisecond lifetime imaging with a europium complex using a commercial confocal microscope under one or two-photon excitation.** Grichine, Alexei; Haefele, Alexandre; Pascal, Simon; Duperray, Alain; Michel, Richard; Andraud, Chantal; Maury, Olivier *Chemical Science* (2014), 5(9), 3475-3485.
- 2. An Artificial Light-Harvesting Array Constructed from Multiple Bodipy Dyes.** Ziessel, Raymond; Ulrich, Gilles; Haefele, Alexandre; Harriman, Anthony *Journal of the American Chemical Society* (2013), 135(30), 11330-11344.
- 3. Carbonyl Derivatives of Boradiazaindacene via Catalytic CO Insertion.** Ulrich, Gilles; Haefele, Alexandre; Retailleau, Pascal; Ziessel, Raymond *Journal of Organic Chemistry* (2012), 77(11), 5036-5048.
- 4. Getting to the (Square) Root of the Problem: How to Make Noncoherent Pumped Upconversion Linear.** Haefele, Alexandre; Blumhoff, Jorg; Khnayzer, Rony S.; Castellano, Felix N. *Journal of Physical Chemistry Letters* (2012), 3(3), 299-303.
- 5. Length dependence for intramolecular energy transfer in three- and four-color donor-spacer-acceptor arrays.** Harriman, Anthony; Mallon, Laura J.; Elliot, Kristopher J.; Haefele, Alexandre; Ulrich, Gilles; Ziessel, Raymond *Journal of the American Chemical Society* (2009), 131(37), 13375-13386.