



### Contact Details

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## Jean-François LETARD, Ph.D

HEAD of OliKrom Spin Off ([www.olikrom.com](http://www.olikrom.com))

### Education

Bordeaux University (10/92-11/94),  
Ph.D. in Organic Chemistry, December 1994  
Research Junior at the CNRS (1995)  
Research Director at the CNRS (2007)  
Bordeaux University (2000), Habilitation

### Professional Positions

Head of the Molecular Sciences Group at the ICMCB CNRS of Bordeaux  
Head of the French Group of Research (GDR) "Molecular Magnetism and Switching"  
Distinguished Invited Professor Award (VICS : Victorian Institute of Chemical Sciences, Melbourne, Australia, 07-08/2009)  
Postdoctoral Fellow, Prof. P. Gülich, Germany (01/1995-08/1995)  
Member of the Review Panel DFG PRIORITY Program "Molecular Magnetism"

### Research Interests

Iron(II) coordination materials : synthesis, magnetism, photomagnetism  
Optimization of spin crossover materials useable for applications  
Nanoscience and Nanotechnology

### Publications

180 Papers, 40 Invited Lectures (incl. Keynote & Plenary Lectures),  
8 Patents, 4 Chapter of Books

### Publications

J.-F. Létard, S. Asthana, H.J. Shepherd, P. Guionneau, A. E. Goeta, N. Suemura, R. Ishikawa, S. Kaizaki "Photomagnetism of sym-cis-dithiocyanato Iron(II) complex with tetradentate N,N'-bis(2-pyridylmethyl)1,2-ethanediamine ligand" *Chem. Eur. J.*, **2012**, 18, 5924-5934

G. Chastanet, C.A. Tovee, G. Hyett, M.A. Halcrow, J.-F. Létard "Photomagnetic studies on spin-crossover solide solutions containing two different metal complexes, [Fe(1-bpp)<sub>2</sub>][M(terpy)<sub>2</sub>]<sub>x</sub>[BF<sub>4</sub>]<sub>2</sub> (M = Ru or Co)" *Dalton Trans.*, **2012**, 41, 4896-4902

C. Etrillard, V. Faramarzi, J.-F. Dayen, J.-F. Létard, B. Doudin "Photoconduction in [Fe(Htrz)<sub>2</sub>(trz)](BF<sub>4</sub>).H<sub>2</sub>O nanocrystals" *Chem. Comm.*, **2011**, 47, 9663-9665

T. Forestier, A. Kaiba, S. Pechev, D. Denux, P. Guionneau, C. Etrillard, N. Daro, E. Freysz, J.-F. Létard "Nanoparticles of [Fe(NH<sub>2</sub>-trz)<sub>3</sub>]Br<sub>2</sub>•3H<sub>2</sub>O (NH<sub>2</sub>-trz=4-amino-1,2,4-triazole) prepared by the reverse micell technique: influence of particle and coherent domain sizes on spin-crossover properties", *Chem. Eur. J.* **2009**, 15, 6122-6130