



Belén ALBELA

Associate Professor
Inorganic Chemistry
Material Sciences

2024-25: CRCT at ICFO, Barcelona

SKILLS

- Inorganic synthesis
- Porous materials
- Design of silica nanoparticles for nanomedicine applications
- Bio-inspired heterogeneous catalysis
- Coordination chemistry (metal complexes)
- Spectroscopy (IR, Raman, NMR, EPR and UV-vis)
- Materials characterization (XRD, SEM, N₂ sorption, TGA)

SCIENTIFIC PRODUCTION

70 publications & 2 patents

- h-index: 22
- total number of citations: 1969

24 invited lectures

40 oral communications

70 posters in scientific meetings

Born in Barcelona in 1969, 2 children
Spanish & French Nationalities



Chemistry Department
Ecole Normale Supérieure de Lyon



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ACTUAL POSITION

Associate Professor

2000-2024 Chemistry Laboratory, Ecole Normale Supérieure de Lyon, France

Highlights:

- **Deputy director** of the Chemistry Department
- Responsible of the **Chemistry Master** (1st Year, University Lyon 1 - ENS de Lyon)
- **Supervision** of PhD and master students
- Organization of the **French Chemistry Tournament** (TFChim)
- **International scientific collaborations** (ECNU and E2P2 Solvay China, KAUST Saudi Arabia, Ottawa University, Univ. Valencia)

PROFESSIONAL EXPERIENCE and EDUCATION

- 2013** **Habilitation to direct PhD students**
"Structure and reactivity of metallic complexes in confined space", Lyon
- 1999** **Assistant professor**, Université Paris XI, France
- 1998** **Post-doc**, Université Paris XI,
"Modelling of the oxygen evolving center of Photosystem II" (J.J. Girerd)
- 1997** **Post-doc**, Max Planck Institut für Strahlenchemie, Germany "Synthesis and electrochemical characterization of Ruthenium Complexes" (K. Wieghardt)
- 1996** **PhD in Inorganic Chemistry**, University of Barcelona "Polynuclear Manganese complexes" (J. Ribas & M. Corbella)
- 1995** **Invited researcher** in Pr. G. Christou Laboratory, Indiana University, USA
- 1993** **Master in Inorganic Chemistry**, University of Barcelona