

# Symposium in the honor of Dr. Juan C. Fontecilla-Camps' retirement

8h30

**Welcoming at the IBS**

9h00 – 9h15

**Introduction** (Dr. Yvain Nicolet / Dr. Jérôme Garin)

9h15 – 9h25

**"Where it all started..."**

**1<sup>st</sup> Session – Dr. Roman Rohac (Chair)**

9h25 – 9h50

**Prof. Dr. Oliver Einsle** (Albert-Ludwigs-Universität, Freiburg, Germany)  
"Small substrates - big enzymes. Why it is so difficult to reduce N<sub>2</sub>"

9h50 – 10h15

**Dr. Sandrine Ollagnier de Choudens** (LCBM, Grenoble, France)  
"Biosynthesis of an essential cofactor in biology :  
functional and structural study of Quinolinate synthase"

10h15 – 10h40

**Prof. Nick Le Brun** (University of East Anglia, Norwich, UK)  
"Iron-sulfur cluster regulatory proteins as biological switches"

10h40 – 11h10

**Coffee break**

**2<sup>nd</sup> Session – Dr. Christine Cavazza (Chair)**

11h10 – 11h35

**Dr. Anne Volbeda** (IBS, Grenoble, France)  
"How we found much more than a nickel at the end of the tunnel"

11h35 – 12h00

**Dr. Vincent Artero** (LCBM, Grenoble, France)  
"Pendant proton relays and molecular catalysis : from hydrogenases to  
bio-inspired bidirectional and reversible catalysts"

12H00 – 12h25

**Prof. Fraser Armstrong** (University of Oxford, Oxford, UK)  
"The e-Leaf – a Revolutionary Way to Nanoconfine, Energize, Control,  
Observe and Exploit Catalysis by Enzyme Cascades"

12h25 – 12h40

**Group photo**

12h40 – 14h00

**Buffet**

**3<sup>rd</sup> Session – Dr. Patricia Amara (Chair)**

14h00 – 14h25

**Dr. Chantal Abergel** (IMM, Marseille, France)  
"Genome organization in giant virus capsids"

14h25 – 14h50

**Dr. Christine Gaboriaud** (IBS, Grenoble, France)  
"Immune complement C1 subunits: from the initial structural study  
to current wonders"

14h50 – 15h15

**Prof. Dr. Juan A. Hermoso** (CSIC, Madrid, Spain)  
"Digging into the bacterial cell-wall remodelling. A structural approach"

15h15 – 15h40

**Dr. Christine Cavazza** (LCBM, Grenoble, France)  
"Nickel is at the heart of ancestral hyperactive enzymes: the case  
of carbon monoxide dehydrogenase"

15h40 – 16h05

**Dr. David Pignol** (BIAM, Cadarache, France)  
"Bacterial metal biomineralization"

16h05 – 16h35

**Coffee break**

**4<sup>th</sup> Session – Dr. Carlos Contreras Martel (Chair)**

16h35 – 17h00

**Dr. Roman Rohac** (IBS, Grenoble, France)  
"Structural determinants in DNA recognition and signal transmission  
in Fe-S cluster-bearing transcription factors."

17h00 – 17h15

**Dr. Yvain Nicolet** (IBS, Grenoble, France)

17h15 – 17h20

**"... and ..."**

17h20 – 17h45

**Dr. Juan C. Fontecilla-Camps** (IBS, Grenoble, France)

17h45 – 18h00

**Closing remarks** (Dr. Yvain Nicolet)

