

# Université Claude Bernard Lyon 1- Hosting offer for a MSCA Post-doctoral fellowship candidate

in

## **Systems Chemistry and Homochirality Emergence**

<b>Host Organisation</b>	<b>Université Claude Bernard Lyon 1</b>
<b>Department</b>	<b>Institut de Chimie et Biochimie Moléculaires et Supramoléculaires, ICBMS - UMR5246</b>
<b>Laboratory</b>	<b>LCO2 - Glyco-SysChem</b>
<b>Website (lab / research team)</b>	<b><a href="https://www.icbms.fr/en/team/20-lco2-html">https://www.icbms.fr/en/team/20-lco2-html</a></b>
<b>Supervisor Contact name</b>	<b>Michele Fiore</b>
<b>Supervisor Contact email</b>	<b>michele.fiore@univ-lyon1.fr</b>

### **Host Organisation**

The Université Claude Bernard Lyon 1 welcomes Marie Sklodowska Curie Postdoctoral Fellowships applications !

With 62 laboratories and more than 7000 publications per year, and leading French university in terms of the number of patents filed in collaboration with industry, Lyon 1 contributes to scientific and innovation progress in numerous fields: health, mathematics, IT, physics, chemistry, earth and space sciences, life sciences, etc. Creator of emerging knowledge and new technologies, the University is consolidating its research excellence on a global and international level by developing inter- and multidisciplinary approaches targeting the major challenges facing today society.

### **Host research lab/team**

**The Laboratoire de Chimie Organique 2 (LCO2) is a leading research lab in Europe. The Laboratoire de Chimie Organique 2 is a team composed of three independently publishing research groups: "Methodology and Synthesis", "Systems Chemistry" and "Biological Membranes". The members of each research group collaborate in the team and complement each-others scientific work with know-how and instrumentation specific to each group.**

The **LCO2-SysChem** research team focuses interests in Systems Chemistry, Synthetic Organic Chemistry, Peptides and Nucleic acid chemistry and uses, Phospholipids chemistry and uses, vaccines developments and Nanomedicine, Fluorophores preparation and cellular cartography.

### **Hosting Offer**

The **LCO2-SysChem** at the Institut de Chimie et Biochimie Moléculaires et Supramoléculaires, ICBMS – UMR5246 offers to host a MSCA Postdoctoral Fellowship candidate (typically a post-doc of less than 8 years research experience since PhD defence), submitting an application to the next MSCA-2026-PF call for proposals (deadline 09<sup>th</sup> of September 2026), interested to work on the following research topic:

Origin of life

Homochirality emergence

Protocell preparation

The fellowship could last for 12 to 36 months, depending on the type of Postdoctoral Fellowship.

### **Supervision**

The successful Marie-Curie Post-doctoral fellow will be supervised by Michele Fiore, HDR, Associate Professor at the Institut de Chimie et Biochimie Moléculaires et Supramoléculaires, ICBMS – UMR5246. His research interests include Systems Chemistry, Prebiotic Systems Chemistry, Origin Of Life (OOL), Lipid and membranogenic compounds and protocells formation, autocatalysis, self-evolvable systems, peptide chemistry and nucleic acid chemistry.

### **Application process**

Interested candidates are invited to contact us exclusively by email at [michele.fiore@univ-lyon1.fr](mailto:michele.fiore@univ-lyon1.fr) and to [michele.fiore.chimico@gmail.com](mailto:michele.fiore.chimico@gmail.com)

Make sure that you include the reference to this offer in the title of your email. Please attach a CV, a motivation letter, your MSc marks, **as well as a one-page research proposal** in the frame of **Homochirality emergence within origin of life and systems chemistry domain**.

**Professional grant application support:**

Candidates will receive the support of the supervisors, as well as online training from a professional grant application company, and advices from successful applicants, to prepare and submit their application with the Institut de Chimie et Biochimie Moléculaires et Supramoléculaires, ICBMS – UMR5246 located at the University of Lyon, Claude Bernard Lyon 1 as a host laboratory, to the next MSCA-PF call for proposals.