

Université Claude Bernard Lyon 1- Hosting offer for a MSCA Post-doctoral fellowship candidate in Legionella pathogenesis

Host Organisation	Université Claude Bernard Lyon 1
Department	UFR Bioscience
Laboratory	Centre International de Recherche en Infectiologie (CIRI)
Website (lab / research team)	https://ciri.ens-lyon.fr/teams/LegioPath
Supervisor Contact name	Abdelrahim Zoued
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Host Organisation

The Université Claude Bernard Lyon 1 welcomes Marie Skłodowska 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 Centre International de Recherche en Infectiologie (CIRI) in Lyon, France, is dedicated to expanding our knowledge of infectious diseases. It's a multidisciplinary and highly motivated environment known for providing a fantastic opportunity to produce high-quality research with cutting-edge technology. The CIRI is considered a leading research institution in Europe due to its contributions to understanding and combating various infectious agents and diseases.

The Legiopath research team has extensive knowledge and expertise in Legionella pathogenesis, with strong ties to the French National Reference Center of Legionella (NRCL). With a focus on Legionella pathogenesis, the Legiopath team is at the forefront of unraveling the complexities of this bacterial infection cycle, paving the way for improved diagnostics, treatments, and prevention strategies.

Hosting Offer

The LegioPath lab 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-2025 - PF call for proposals (deadline 10th September 2025), interested to work on the following research topic:

- Legionella infectious cycle
- Localization and function of secreted virulence factors
- Control of legionella effectors delivery by the Type IV Secretion System (T4SS)

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 Dr. Abdelrahim Zoued. Dr. Zoued is a permanent researcher developing new approaches to decipher the intricate relationship between legionella and its host. His research interests include bacterial secretion system and host-pathogen interaction using cutting edge technology, biochemistry, and genetic screening techniques.

Application process

Interested candidates are invited to contact us exclusively by email at abdelrahim.zoued@cnrs.fr

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 1 page research proposal.**

Professional grant application support:

Candidates will receive the support of the supervisors, as well as online training from a professional grant application company, and advice from successful applicants, to prepare and submit their application with the LegioPath team as a host laboratory, to the next MSCA-PF call for proposals.