ERA-Shuttle offers academics secondments opportunities to [CERIC's Slovenian Partner Facility.](https://www.slonmr.si/risi_ceric/operation_risi_ceric.php) [CERIC](https://www.ceric-eric.eu/) is a European Research Infrastructure Consortium (ERIC) that integrates and provides access to some of the most advanced analytical facilities in Europe for academia and industry to make progress in all areas of materials, biomaterials and nanotechnologies. Slovenian NMR centre is CERIC´s Slovenian Partner Facility that offers infrastructure and expertise in the field of NMR spectroscopy to scientists and researchers in academic and industrial institutions. The NMR centre was founded by the Ministry of Higher Education, Science and Technology of the Republic of Slovenia on 17th of November 1992. The research program of the NMR centre includes data acquisition and interpretation for those who apply NMR in their research as part of basic and applied research projects or in industry itself. The annual research program is discussed and approved by the Scientific council of the NMR centre.

<https://www.slonmr.si/index.php>

<https://www.ceric-eric.eu/users/labs-and-instruments/>

**Description of the secondment:**

* **Open Places: 3**
* **Period:** period during which the secondments can take place: from beginning of 2025 to July 2027
* **Duration:** 12 months. The exact dates and duration will be agreed between the Secondee and CERIC's Slovenian Partner Facility

*Number of simultaneous places: CERIC's Slovenian Partner Facility can host a maximum of 2 researchers at the same time between the beginning of 2025 and June 2026, and a maximum of 1 between July 2026 and July 2027.*

* **Location:** Ljubljana, Slovenia
* **Roles and responsibilities:** for Researchers we offer secondments in the Slovenian NMR Center premises on NMR spectroscopy for chemical analysis and identification, for determining 3D structures and studying the dynamics of small and larger bio-macro-molecules, for tracking chemical reactions in analytical and bioanalytical procedures, for studying polycrystallinity and identifying metabolites and various amorphous forms. The main focus is 3D structural characterization of DNA and RNA molecules as well as characterization of small organic compounds.

**Requirements:**

* Background degree in life sciences
* Interest to perform competitive research
* Analytical skills and capacity to synthesize data
* English level: advanced

**Benefits:**

* Acquisition of high-level expertise in 3D structural analysis with the use of state of the Art NMR spectroscopy instruments
* Valuable exchange within internationally recognized researchers on excellent science that complements and extends the secondee current knowledge
* Acquiring practical skills and frameworks that the secondee can transfer to his/her home institution
* An international environment and links to different research entities and research projects

**Application Process:**

Please apply through: *ERA shuttle platform web*

Should you require further information regarding the research at Slovenian NMR Center, please contact Dr. Maja Marusic: [marusic.maja@ki.si](mailto:marusic.maja@ki.si)

Should you require further information regarding the functioning of the secondment, please contact your home university at:

* + University of Split: [projekti@unist.hr](mailto:utt@unist.hr)
  + University of Gdansk: Izabela Raszczyk at [izabela.raszczyk@ug.edu.pl](mailto:izabela.raszczyk@ug.edu.pl)
  + University of Malta: Dr. Elena Sultana at elena.sultana@um.edu.mt