

The Faculty of Biology and Medicine ([FBM](#)) of the University of Lausanne and the Lausanne University Hospital ([CHUV](#)) are inviting applications for a position of:

**Senior scientist (MER1)  
for data science in radiology  
within the radiodiagnostic and interventional radiology Service**

Starting date: January 1<sup>st</sup> 2020 or to be agreed

Place: Lausanne, Switzerland

Within the Department of medical radiology (DRM), the radiodiagnostic and interventional radiology Service ([RAD](#)), is one of the four Services of the Department. It offers a modern, complete and fully digital technical platform and carries out more than 180,000 exams per year. A modern PACS stores all the exams with more than 10 years of history. More than 20 academic senior physicians develop their own research projects in their field of specialty. This Service also has a research lab with access to the entire CHUV information system.

**Main duties and responsibilities:**

- Develop and support the research activity of the Service in the field of data science in radiology (through technical and scientific support as well as assistance in finding external funding).
- Develop personal research projects in radiological data science.
- Foster collaborations with other departments of CHUV, which are interested in the field.
- Collaborate with industrial partners in domains of interest specified by the Service.
- Ensure the availability and management of the IT tools required for research projects in the field of radiological data science, in collaboration with the CHUV IT Service.
- Within this framework, establish the internal procedures to ensure that the personal data used for radiological data science follow the legal and ethical framework.
- Contribute to teaching activities in the field within the faculty.

**Profile:**

- You are an engineer (MSc) and have a PhD in engineering science in the field of computer science, image processing and/or data science.
- You are highly experienced in data science research and medical imaging (with publications) as well as in research fundraising.
- You have experience in academic teaching at pre- and post-graduate levels, as well as in supervising academic work (PhD, Master's degree, etc.)
- You have proven skills in team leadership, organization, interdisciplinary collaboration and research administration
- An excellent command of French and English are required for this position.

The ideal candidate should be open-minded and collaborative, willing to stimulate young colleagues pursuing an academic career.

Further information may be obtained from Prof. Reto Meuli ([Reto.Meuli@chuv.ch](mailto:Reto.Meuli@chuv.ch)), Head of Service and Department.

Applications, in English, will include a motivation letter, a curriculum vitae, a copy of the five most relevant publications, as well as names and contact information of three referees, a brief statement of research interests and teaching experience and a copy of diplomas. They should be submitted online by **October 11<sup>th</sup> 2019 (23:59 GMT+1)** to [www.fbm.unil.ch/releve/application/](http://www.fbm.unil.ch/releve/application/) as a single PDF file.

The job description is available on [the same link](#) (or QR code).

We offer a pleasant working atmosphere in a multicultural, diverse and dynamic academic environment. There are possibilities for continuing professional education and a multitude of activities and other benefits to discover.

*Seeking to promote an equitable representation of woman and men among their staff, the University and the Lausanne University Hospital encourage applications from women.*

