

UNIL is a leading international teaching and research institution, with over 5,000 employees and 15,500 students split between its Dorigny campus, CHUV and Epalinges. UNIL and CHUV encourage excellence, individual recognition and responsibility. The Faculty of Biology and Medicine ([FBM](#)) and the Lausanne University Hospital ([CHUV](#)) are inviting applications for a position of:

Full Professor and Director of the global medical imaging research Unit within the diagnostic and interventional radiology Service

Starting date: to be agreed

Place : Lausanne, Switzerland

Attached to the Department of Medical Radiology (DRM), the Service of diagnostic and interventional radiology ([RAD](#)) is one of the four services of the Department. It has a modern, comprehensive, fully digital technical platform and performs more than 200,000 exams per year. Academic teams with complex and multiple affiliations, linked to CIBM but also to UNIL, although under the direction of the radiology Service. In addition, there are industrial collaborations with a research team from Siemens, which is extremely active in the field of MRI. More than 40 scientific collaborators participate in the Department's research led by leaders in fields as varied as signal processing, cardiovascular imaging sequences, the development of advanced MRI sequences in neuroradiology, a team of data processing in Big-Data and artificial intelligence.

Main missions of the position:

- 1) Develop a global medical imaging research unit to coordinate research in all sectors of medical imaging, unite teams around coherent projects that respect their specificities and promote the development of collaborative projects between research teams and clinical teams of the Service and the Hospital.
- 2) Take the operational direction of the global medical imaging research Unit of the radiology Service.
- 3) Develop your own research projects in this unit.
- 4) Create a "radiomics" portal to guide and coordinate research groups needing skills in radiology and maintain collaborations in this area with other interested Services of the CHUV.
- 5) Collaborate with industrial partners in the areas of interest defined by the Service.
- 6) Contribute to teaching in these areas.
- 7) Contribute to the management of the Service and its representation in professional policy
- 8) Supervise assistant physicians for the benefit of a training plan A, ensuring the consistency and adequacy of their academic progress.
- 9) Contribute to the excellence of clinical services in the field of imaging.

Desired profile :

- Experienced radiologist with an important track record in the field of engineering sciences with skills in computer science, image processing and data science.
- Demonstrated experience in developing high level funded research with international recognition.
- Experience in supervising university work at the pre- and postgraduate level as well as in supervising academic work such as thesis or master.
- Recognized competence in leading a research team but also in developing collaborations with existing and collaborative research teams.
- Proficiency in French (level at least B2, C1 ideally) or ability to acquire it quickly and excellent knowledge of English

Preference will be given to a personality with both strong medical skills and a long track record of successful research.

Further information may be obtained from Prof. Alban Denys (alban.denys@chuv.ch), Head of the Service.

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 **August 15th 2021 (23:59 GMT+1)** to 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. UNIL and CHUV are committed to promoting gender equality and diversity and strongly encourage applications from female candidates. www.unil.ch/egalite

