



Contract Type: Fixed Term Contract

Duration:

36 Month

Scienteens lab team member for Physics/ Sustainability

The **Luxembourg Centre for Systems Biomedicine (LCSB)** is an interdisciplinary research centre of the University of Luxembourg. We conduct fundamental and translational research in the field of Systems Biology and Biomedicine – in the lab, in the clinic and *in silico*. We focus on neurodegenerative processes and are especially interested in Alzheimer's and Parkinson's disease and their contributing factors.

The LCSB recruits talented scientists from various disciplines: computer scientists, mathematicians, biologists, chemists, engineers, physicists and clinicians from more than 50 countries currently work at the LCSB. We excel because we are truly interdisciplinary and together we contribute to science and society.

The Scienteens Lab – De Labo fir Jonker – is the first research lab for high-school students in Luxembourg. It is an extracurricular learning center of the University of Luxembourg that develops and offers workshops designed to spark the interest of high-school students in science, show them the latest trends and technologies in research and supports them in their career choice. Hands-on experiments, supervised by experienced scientists and teachers from various disciplines, provide the students with an insight into scientific research and the day-to-day work in the lab. The workshops currently address relevant topics in biology, mathematics, computer science and physics. Please find here the link to our [Facebook page](#) and [physics video](#).

The University of Luxembourg is seeking to make an appointment within the Scienteens Lab as soon as possible for the following position: **Scienteens lab team member for Physics/ Sustainability**

Your Role...

The ideal candidate (m/f/d) will play a crucial role in developing new teaching concepts, publishing in respective journals as well as teaching and organizing scientific outreach activities for physics and sustainability at the University of Luxembourg for high school students.

- Exciting position which will allow you to integrate own ideas and visions
- Continuous trainings for you to improve your hard and soft skills and topics of interest
- Working together with colleagues of many different nationalities in a truly multilingual environment
- Developing new didactic concepts/material to teach physics and sustainability
- Adapt already existing didactic concepts to the landscape of Luxembourg
- Evaluating existing workshops
- Interpreting and analyzing the results
- Improve the current activities based on own results and current scientific knowledge
- Publishing:
- Developing activities and evaluation forms based on the scientific question
- Interpreting and analyzing the results
- Publishing in respective journals
- National and international collaboration with partners and stakeholders
- Writing applications and project reports for funding agency
- Coordinating and teaching hands-on workshops for high schools

What we expect from you...

- Master's in physics/ physics related domains or sustainability
- Experience in outreach activities and teaching
- Team player with strong communication skills
- Good project management skills and organizational skills
- High level of autonomy and ability to solve multi-dimensional challenges
- Ability to manage different stakeholder with potential different interests
- Multilingual: you should be fluent in German or French and very good in English; knowledge of Luxembourgish is an asset

Here's what awaits you at the LCSB...

- **Excellent work environment** with state-of-the-art infrastructure, laboratory and administrative support
- **Truly connected.** We work together with hospitals and research institutes on a national and international level as well as industrial partners. Connection between science and society is very important to us. From our school lab – the Scianteens Lab – to the different outreach activities and collaborative partnerships with patient associations, we love to listen to society's needs and share our passion for science
- **Be part of a multicultural team.** At the LCSB we have more than 50 nationalities. Throughout the year, we organise team-building events, networking activities and more

[Find out more about us!](#)

In Short...

- Contract type: Fixed Term Contract 36 Month
- Work hours: Full Time 40.0 Hours per Week
- Location: Belval
- Internal title: Research and development specialist
- Job reference: UOL05929

How to apply...

Applications should be submitted online and include:

- Curriculum Vitae
- Cover letter

Early application is highly encouraged, as the applications will be processed upon reception. Please apply formally through the HR system. Applications by email will not be considered.

The University of Luxembourg embraces inclusion and diversity as key values. We are fully committed to removing any discriminatory barrier related to gender, and not only, in recruitment and career progression of our staff.

In return you will get...

- **Multilingual and international character.** Modern institution with a personal atmosphere. Staff coming from 90 countries. Member of the "University of the Greater Region" (UniGR)
- **A modern and dynamic university.** High-quality equipment. Close ties to the business world and to the Luxembourg labour market. A unique urban site with excellent infrastructure
- **A partner for society and industry.** Cooperation with European institutions, innovative companies, the Financial Centre and with numerous non-academic partners such as ministries, local governments, associations, NGOs ...
- [Find out more about the University](#)
- [Addresses, maps & routes to the various sites of the University](#)

About the University of Luxembourg...

University of Luxembourg is an **international research** university with a distinctly **multilingual** and **interdisciplinary** character. The University was founded in 2003 and has more than 6,700 students and more than 2,000 employees from around the world. The University's faculties and interdisciplinary centres focus on research in the areas of Computer Science and ICT Security, Materials Science, European and International Law, Finance and Financial Innovation, Education, Contemporary and Digital History. In addition, the University focuses on cross-disciplinary research in the areas of Data Modelling and Simulation as well as Health and System Biomedicine. Times Higher Education ranks the University of Luxembourg #3 worldwide for its "international outlook," #20 in the Young University Ranking 2021 and among the top 250 universities worldwide.

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