LUXEMBOURG INSTITUTE OF HEALTH
RESEARCH DEDICATED TO LIFE

Luxembourg Institute of Health (LIH) is the leading public research center in Luxembourg for basic, pre-clinical and clinical research in biomedicine and public health. Our clinically-oriented biomedical research activities in Oncology, Infection & Immunity and Population Health encompass the generation of knowledge on the pathogenesis, diagnosis and treatment of diseases with large impacts on public health and the epidemiological surveillance of these diseases. With the mission to deliver scientific, economic and societal value for Luxembourg, LIH aims to translate knowledge into clinical applications impacting on healthcare systems while shaping personalized medicine.

**Dr Ala'a ALKERWI** and **Dr Torsten BOHN** from our **Epidemiology and Public Health Research Unit** within the Department of Population Health of the LIH are currently looking for a:

# PhD Student in Epidemiology and Public Health

**3 years fixed-term contract, full time, start date between July-December 2017 after acceptation of the AFR grant**

The PhD Student must receive an AFR (research training aid) to carry out his/her PhD project entitled **"Dietary constituents within fruits and vegetables and their relation to cardio-metabolic health aspects - situation in Luxembourg (PHYTOHEART)"**.

## Key Responsibilities

- Prepare a first draft (thesis) with an in-depth analysis of the materials needed to complete the PhD subject.
- Conduct research at a high standard to obtain the goals of the research project in the defined timeframe.
- Be the driving force and the best expert of her/his research project.
- Carry out his/her PhD in accordance with the conditions agreed between the university and the laboratory (e.g. PhD charter defining the work relationship between the student and the supervisor(s)).
- Work with LIH researchers who have set up the research PhD project and participate in the drafting of scientific articles related to the project.
- Health and nutrition related data evaluation encompassing larger data-sets, including statistical analyses and data interpretation.
- Suggests alternative scientific methods and develops novel solutions to any potenial arising problems.
- Develop a scientific methodology and techniques adapted to the research PhD project.
- Present the work as well as results during laboratory meetings and outside the LIH (national and international conferences).
- Regularly exchange about project progress, results and ideas as well as any problems and possible solutions with PhD supervisor/ supervisory team.
- Present the results in the front of an advisory committee (thesis supervisory committee).

## Key Skills, Experience and Qualifications

- Master degree (or equivalent) in public health, epidemiology, nutrition or related field.
- Interest and basic knowledge regarding nutrition and diet and health.
- Rigor, motivation, scientific creativity and originality, scientific writing skills, conciseness, sense of priority and ability to work with others.
- Languages: fluent command of English, knowledge of another language of the European Union is an asset.
- Reasonable statistical knowledge (linear mixed models, regression models, meta-analyses etc.) is a further advantage.

## Contact for scientific questions:

**Dr Ala'a ALKERWI**
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**Dr Torsten BOHN**
torsten.bohn@lih.lu

http://www.oriscav.lih.lu

Located in Luxembourg, LIH offers the opportunity to work in a dynamic, international and multilingual environment that values personal respect and professional achievement based on the highest intellectual and ethical standards. The job advertisement is also published on our website **www.lih.lu**.
Applications including a cover letter and a full curriculum vitae should be sent **until 20 February 2017** to the human resources department at **recruitment@lih.lu** with the **Ref.: CM/PhD0117/AAK/EPHRU.**

HR EXCELLENCE IN RESEARCH