



Agroscope Job Advertisement

Position

PostDoc, 'Digestibility of Food Proteins'

Introduction

The digestibility of food proteins is a key criterion in determining their impact on health and their ecological footprint, as well as in making dietary recommendations. Researchers at Agroscope have developed a method for measuring the digestibility of proteins *in vitro*. This mainly third-party funded project aims to characterise different foods and study their digestibility before and after technological processing. It also aims to optimise the method further for individual foods.

Tasks

- Planning and performing *in vitro* digestion experiments as per Sousa et al. 2023
- Analysing different foods before and after digestion (HPLC, mass spectrometry, enzyme assays)
- Evaluating and calculating results and digestibilities
- Compiling and synthesising results
- Publishing results in international scientific journals and presenting results at international scientific conferences

Requirements

- University degree with doctorate in biology, biochemistry, pharmacy, chemistry or related studies
- Good organisational talent, performance-driven, strong communication and teamwork skills
- Experience in biochemistry lab work, and ideally in HPLC and mass spectrometry
- Experience with *in vitro* digestion (INFOGEST method) is an advantage
- Excellent communication and writing skills in English

Information about Agroscope

Agroscope is the Swiss federal centre of excellence for research in the agriculture and food sector. Its researchers carry out their work at a number of sites in Switzerland. Headquartered in Bern-Liebefeld (as of 2026: Posieux, Canton of Fribourg), Agroscope is attached to the Swiss Federal Department of Economic Affairs, Education and Research EAER.

We offer a varied job in a dynamic work environment, as well as thorough training and a modern research infrastructure. Flexible working hours and good social benefits are among the perks of this position.

Place of work

3003 Bern (Liebefeld, Köniz)

Pay grade

according to Swiss National Science Foundation rates

Level of employment

100 %

Contact

If this challenge appeals to you and you meet the requirements profile, we look forward to receiving your online application (including the addresses of 2–3 referees), at our jobs portal www.stelle.admin.ch.

For additional information, please contact Reto Portmann or Charlotte Egger, research group 'Biochemistry of Milk and Microorganisms', reto.portmann@agroscope.admin.ch or charlotte.egger@agroscope.admin.ch.

Start date: 1.11.2023 or by arrangement.

The post is for a fixed period of 3 years.