



**Universität
Zürich** UZH



**Institute for Food Safety and
Hygiene**

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Postdoc Position for Chemometrician / Biostatistician

(University of Zurich – VetmedUni Vienna)

Research objective:

Successful translation and implementation of a tool for the differentiation of fresh from previously frozen meat based on chemometric-assisted FTIR spectroscopy from laboratory scale to a working prototype in the field.

Position:

We are looking for an applicant holding a PhD in chemometrics, bioinformatics or equivalent, with advanced skills in multivariate statistical analyses and modeling, including AI systems, such as neural networks, support vector machines etc. A background or interest in spectroscopy (FTIR, NIR, Raman, UV/Vis), as well as project management and advanced communication and writing skills in English are required.

We offer:

A 100% Postdoc position for a joint research project of the Institute for Food Safety at the University of Zurich and the Functional Microbiology of the University of Veterinary Medicine, Vienna. The position is funded for 2 years, with remuneration reflecting living costs in the respective country of residence, following the respective salary regulations for university staff in Austria and Switzerland, approx. €50,000 (1st year) and CHF80,000 (2nd year). The Postdoc will conduct the project in Vienna in year 1 and in Zurich in year 2. The position is open until filled.

Job profile:

- FTIR spectroscopic measurements
- Signal data processing and applied chemometrics
- Project management (planning, tracking & controlling, reporting)
- Preparation of manuscripts/ publications

How to apply:

Interested candidates are encouraged to apply by sending the following documents to sophia.johler@uzh.ch:

- CV + List of publications + PhD certificate
- Description of previous lab work incl. methods and level of experience
- Names and contact information of two academic references (optional)