You want to work in a university environment?

You are also creative and interested in innovation?

VinoStellar (www.vinostellar.at) is a startup supporting wine production and marketing with a data-driven approach based on state of the art biochemical analysis. For a project funded by the Vienna Business Agency (https://www.viennabusinessagency.at/) and in collaboration with the Institute of Analytical Chemistry (https://boku.ac.at/en/chemie/institut-fuer-analytische-chemie-dchac) and Institute of Food Science (https://boku.ac.at/en/dlwt/ilmw) at the University of Natural Resources and Life Sciences Vienna, and Evolveria (http://www.evolveria.com) we are searching for a:

PhD student

Your tasks
- Development and optimization of analytical and microbiological methods for grape and wine analysis (i.e., sample preparation, experimental design, instrumental setup, data acquisition, data interpretation)
- Testing and evaluating rapid, field-deployable devices for assessment of grape and wine quality (e.g. NIR and FTIR-ATR)
- Coordination of measurement campaigns
- Statistical data evaluation and modelling
- Publication of results

Desired Skills and Experience
- M.Sc. degree in Chemistry, Food Science and Technology, or a related discipline.
- Experience with analytical chemistry, preferably with spectral or mass spectrometry techniques (e.g., NIR, GC-MS, LC-MS)
- Experience with statistics and chemometrics
- Interest in wine production and wine chemistry
- Self-organized working capabilities combined with competences to coordinate sample collection and measurement campaigns
- Good communication skills in English and/or German
- Highly motivated to succeed in a 3-year program
- Motivation to work in a transdisciplinary research team and startup environment

We are offering
- An innovative research project that combines sensory analysis, molecular fingerprinting, spectral and microbiological methods
- Mentoring and hands-on experience in the field of high-end analytical methods and statistics
- Close collaboration with partner companies and wine producers
- Excellent networking, education and training opportunities
- Involvement in entrepreneurial thinking and problem solving
- Chance to be part of a growing startup company
- Flexible working hours
- Full time (30 hours/week)
- Gross monthly salary € 2 619 (14 times per year)

Planned start of work: **01.06.2022**

We welcome applicants of all sexes (f/m/x), backgrounds and ages. Candidates with the desire to get involved in application-driven and translational research are encouraged to apply. Interested candidates should submit a letter of motivation, a detailed Curriculum Vitae indicating technical skills, as well as a transcript of records. Please also include a brief synopsis of your master thesis, at least one letter of recommendation, as well as the contact details of one additional referee.

All application documents should be sent to DI Dr. Zora Jandric: zora.jandric@boku.ac.at, **by 08.05.2022.**