Applied Sciences for Life – This claim describes the unique range of subjects at Weihenstephan-Triesdorf University of Applied Sciences, all of which clearly and cinsistently focus on the life sciences. The university serves over 6.100 students in degree programs located at three different campus location (Freising, Triesdorf, Straubing), making us one of the most important green universities in Europe.

The Bioinformatics Research Lab (https://bit.cs.tum.de) located at the Technical University of Munich, Campus Straubing for Biotechnology and Sustainability, Germany as cooperating research institute with the Weihenstephan-Triesdorf University of Applied Sciences, offers depending on the final grant notification, the following full-time position:

Research Scientist (f/m/d)
for the project "Glycoside Production"
Identification Number M497

The position is a fixed-term position until the 31st of December 2022.

Job Description:
We are seeking highly motivated candidates for a scientific research position as Postdoctoral Researcher, to further advance the recently launched Synthetic Biology Foundry at TUM Campus Straubing (SynBiofoundry@TUM). The candidate will develop novel bioinformatics and machine learning methods to analyse complex biological data.

- You will advance and support the further development of the Synthetic Biology Foundry infrastructure and establish a standard setup for an automated, high-throughput Design-Build-Test-Learn Cycle
- You will work on project-related research within the Learn Cycle in close collaboration with our industry partners
- You will develop novel computational and machine-learning based methods for analyzing multiple types of OMICS data (e.g. DNAseq, RNAseq)
- You will develop and enhance cloud-based applications and databases related to biological data analysis
- You will write scientific publications and present your results at international conferences

Your Profile:
- Experience and interest in the following areas: bioinformatics, machine learning, artificial neural networks, statistics and the analysis of OMICS data
- Strong programming background (e.g. Python, C/C++)
- Scientific curiosity, ability to work in a team and self-motivated working style
- Fluency in written and spoken English

Requirements:
Strong academic background with a Ph.D. in bioinformatics, computational biology/biotechnology, computer science, statistics or related field.

Please Note:
The starting date will be at the earliest date possible. Pay scale in accordance with the collective agreement for the public service (TV-L). Severely disabled candidates are preferably employed in case of essentially equal suitability, competence and professional performance. Qualified female candidates are explicitly encouraged to apply for this position.

If you are interested in this position, please apply directly to the online form on the homepage of the HSWT ("Apply for this job") until **15.03.2021** including a CV, a statement of interest, a summary of your

previous work experience, a list of publications, contact information of three references and copies of certificates (Bachelor, Master and Ph.D.). Applications via mail or e-mail cannot be accepted.

For further information, please do not hesitate to contact us:
Hochschule Weihenstephan-Triesdorf (HSWT), Am Hofgarten 4, 85354 Freising

For organisatorial or application specific questions:
Ingrid Mayerhofer
Phone: 0049 816171-4732
E-Mail: ingrid.mayerhofer@hswt.de

For specialized questions:
Prof. Dr. Dominik Grimm
Phone: 0049 9421 187-230
Website: https://bit.cs.tum.de
or
Ingrid Meindl
Phone: 0049 9421 187-271
E-Mail: ingrid.meindl@hswt.de

For questions regarding severe disability or equallity:
Melanie Kilian
Phone: 0049 8161 71-3860
E-Mail: melanie.kilian@hswt.de