

Located in Nyon, CHANGINS is a unique training and research site in Switzerland, which stands as the national center of excellence for higher education in grapevine, viticulture and wine professions. For our research sector, we are recruiting a :

Post-doctoral researcher (scientific collaborator) in grapevine physiology and genomics

Activity rate : 80% à 100%

(3 years fix term contract)

Mission

You will join the CHANGINS viticulture group, which provides education and conducts applied and fundamental research in the fields of sustainable and organic viticulture, plant biotic and abiotic stresses and their effects on vine and berry physiology, plant-pathogen interactions, alternatives for synthetic pesticides and the characterization and valorization of Swiss viticultural terroirs.

Together with the team in place you will be working on a bilateral SNSF (Swiss National Science Foundation) funded project together with Stellenbosch University and Bordeaux University.

The aim of the project is to decipher the epigenetic, transcriptomic, and physiological effects of seaweed based biostimulants on grapevines exposed to different abiotic and biotic stresses.

Required skills

- Post-doctoral researcher with a PhD in plant biology or physiology with a strong background in plant genomics
- Very good skills in the field of plant molecular analysis (next generation sequencing techniques), bioinformatics, metabolomics, epigenetics
- Experience with phytotron experiments, plant cultivation and multiplication
- Laboratory experience with RNA extraction and handling
- Experience in downstream omics analysis
- Open personality, able and motivated to integrate and collaborate with different research groups
- Excellent level of spoken and written English is required. A basic level of French is required
- Experience in grapevine research

Duration of the contract: 36 months

Start : 1st october 2023, negotiable

Complete application files (motivation letter, curriculum vitae, work certificates, diplomas) should be sent to Mr. Jimmy Salchegger, HR Manager, by e-mail (jimmy.salchegger@changins.ch). Applications will remain open until the right candidate is selected.

For further information related to the position don't hesitate to contact Dr. Markus Rienth, Professor of viticulture, by e-mail (markus.rienth@changins.ch)