



Alpinia Laudanum Institute for Phytopharmaceutical Sciences AG was established in 2008 and is pursuing the scientific development of medicines and health-care products based on plants with high therapeutic potential. It is dedicated to developing new medicines to address unmet needs in medical therapies.

To support our team of experienced scientist and laboratory technicians we are offering at the earliest possible date the job of:

Senior Phytopharmaceutical Scientist (Phytochemical Analysis | 100%)

PRIMARY OBJECTIVES

To lead the comprehensive internal phytochemical and biological analysis of plant species aiming at the discovery of new bioactive plant metabolites and/or medicines. The selection of the plant species to be analysed will be based on the study of original medieval Arabic literature on traditional medicine and medical plants.

DUTIES AND RESPONSIBILITIES

- Development, optimization and application of phytochemical and biological analysis methods
- Effect directed analysis in situ planar chromatography – Development of new methods and techniques.
- Coupling of different analytical systems for tracking bioactive compounds in plants extracts
- Study of traditional Arabic literature to identify potential plants for analysis
- Conduct internal training on analysis methods
- Improvements of internal laboratory methods and procedures

EDUCATION AND EXPERIENCE

- A PhD in Pharmacy or a closely related discipline from a renowned university in the specific field
- Expert knowledge on phytochemical and biological analysis
- Experience on hyphenating microbiological/enzymatic/biochemical (bio)assays to planar chromatography like (HP)TLC for online tracking of bioactive metabolites in complex matrices
- Experience using analytical and preparative HP(T)L, open column and planar chromatography, NMR-based structure elucidation and mass spectrometry
- Experience on in vitro culturing and mass propagation of plants
- Experience with microbial biotransformation is of advantage
- A proven record in the timely completion of complex research projects
- An appropriate scientific publication record
- Experience with databases and analytical software for different platform and analysis methods
- Good knowledge of common office software

KNOWLEDGE, SKILLS AND ABILITIES

- Very good written and spoken German and English knowledge
- Very good reading comprehension of (traditional) Arabic
- Flexibility, good time management and team-working skills
- Good reporting and communication skills
- Ability to work proactively and independently and delivery results under tight timelines
- Life-long learning mindset
- Willing to relocate to Switzerland

WE OFFER

- Employment based in Walenstadt (SG), Switzerland
- Versatile range of tasks and career opportunities with interesting challenges in an expanding company
- Working in a dedicated team in an international working environment
- A company that values environmental, economic and social sustainability
- Compensation is competitive and will commensurate with experience

We look forward to receiving your complete application documents, including cover letter, CV and certificates:
recruiting@alpinia institute.com.