



# Professor and Associate Professor in Plant Biology

Umeå Plant Science Centre (UPSC) and the Department of Plant Physiology, Umeå University, seek a Professor and an Associate Professor/Senior Lecturer for research, and to a minor part also teaching, in plant biology.

The position is permanent on full time, start July 1, 2022 (or later) and excellent research in the area is required.

*Last day to apply: 28 February 2022*

## Background

At the Department of Plant Physiology and UPSC the research deals with various aspects of plant physiology, cell and molecular biology, biochemistry and organismal biology at both experimental and computational levels. We now want to strengthen our faculty and would like to recruit two persons on professor/associate professor level. The conditions for professors and associate professor are similar in most respects (research and teaching), the main difference being that professors can negotiate a significantly bigger startup package. The department may decide to employ only two professors (and no associate professor/senior lecturer).

## Duties and requirements

The candidate's duties include conducting research according to his or her own research program. The research in the relevant subject area can be basic/fundamental, or strategic and/or applied for example within biotechnology or genetics. Within these general areas the subject of the research project is up to the applicant but it is important that the project complements ongoing research at the centre and utilizes the skills, resources and infrastructure available.

A small amount of teaching on the department's courses in Plant Biology (10-20%) is included.

Applicants must have documented expertise in their own research (and teaching) in one or more of the following areas:

- 1) plant metabolism and/or physiology
- 2) plant genetics and/or epigenetics
- 3) plant developmental biology or
- 4) plant stress and/or interaction with the environment.





## UPSC and Umeå University

UPSC is one of the strongest research environments for basic plant research in Europe. Research at UPSC covers a wide range of disciplines in plant biology including ecology, genetics, physiology, biochemistry, cell biology and molecular biology ([www.upsc.se](http://www.upsc.se)). Our common goal is to understand the plants ability to adapt and acclimate to a changing world.

Our researchers have access to the many in-house [common facilities, technical platforms and resources of UPSC](#) which provide infrastructure for plant research in a time- and cost-efficient manner. UPSC belongs to two universities, Umeå University and Swedish University of Agricultural Sciences. It is also part of the Chemical Biological Centre – an interdisciplinary research centre for life and natural sciences which offers additional [state-of-the-art facilities](#).

The Department of Plant Physiology is part of Umeå University which is one of Sweden's largest institutions of higher education with over 35,000 students and 4,200 faculty and staff. It is characterised by world-leading research in several scientific fields and a multitude of educations ranked highly in international comparison. Umeå University is also the site of the pioneering discovery of the CRISPR-Cas9 genetic scissors, a revolution in genetic engineering that has been awarded the Nobel Prize in Chemistry.

At Umeå University, everything is nearby. Our cohesive campus environment makes it easy to meet, collaborate and exchange knowledge, which promotes a dynamic and open culture where we rejoice in each other's successes.

If you are interested in knowing about Umeå University as a workplace, read more at: [www.umu.se/en/work-with-us](http://www.umu.se/en/work-with-us).

## Apply

Please read the full job advertisement and apply via the e-recruitment system *Varbi* no later than 2022-02-28 using the following links:

[Professor in plant biology](#)

[Associate Professor in plant biology](#)

## Contact

For questions, please contact:

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Umeå Plant Science Centre