

Two postdocs to study biomolecular condensates with Panagiotis Moschou and Peter Bozhkov

[The Plant Catabolism Laboratories](#) in Uppsala (Sweden) have two vacant postdoctoral positions on biomolecular condensates. The successful candidates will join a vibrant international environment of the host laboratories that pursue top-class cross-disciplinary research on biocondensates, autophagy, calcium signaling, proteolysis, and at their intersections. The laboratories are a part of [Uppsala BioCenter](#) carrying out research in all kingdoms of life and hosting advanced technological platforms to share, including atomic force, confocal, and electron microscopy, NMR, phytotron, etc.

Both positions are supported by grants from the Swedish Research Council Vetenskapsrådet and are initially for two years with the possibility of extension. The postdocs will work in tandem, complementing each other and sharing biochemical, biophysical, cell biological and genetic methods to advance mechanistic and functional understanding of as yet illusive and recently uncovered biomolecular condensates (e.g. [Gutierrez-Beltran et al. 2021](#); [Liu et al. 2023](#); [Xie et al. 2023](#); [Liu et al. 2024](#); [Liu et al. 2024](#); [Zou et al. 2024](#)).

An overarching goal of the projects is to gain insight into enzyme regulation and dynamics in a crowded molecular environment within biocondensates *in vitro* and in plant cells. We work with several experimental organisms in our laboratories, including *Chlamydomonas* and *Arabidopsis*.

We seek highly motivated early career researchers who have already demonstrated excellent scientific skills, as evidenced by one or more first-author high-impact publications, preferably related to biomolecular condensates/phase separation. Candidates should be fluent in English (written & oral). Excellent biochemists, biophysicists and plant cell/molecular biologists, who share our interests in studying biocondensates are welcome to apply.

Interested candidates should send i) a cover letter explaining why you are applying for this position and what you would like to discover (max 1 page), ii) a CV, including a list of publications, and iii) contact information of two or more references to **both** panagiotis.moschou@slu.se and peter.bozhkov@slu.se. Please include in the subject line "Postdoc on biocondensates".