

Job opening: PhD student in experimental plant biology



SZKOŁY
DOKTORSKIE

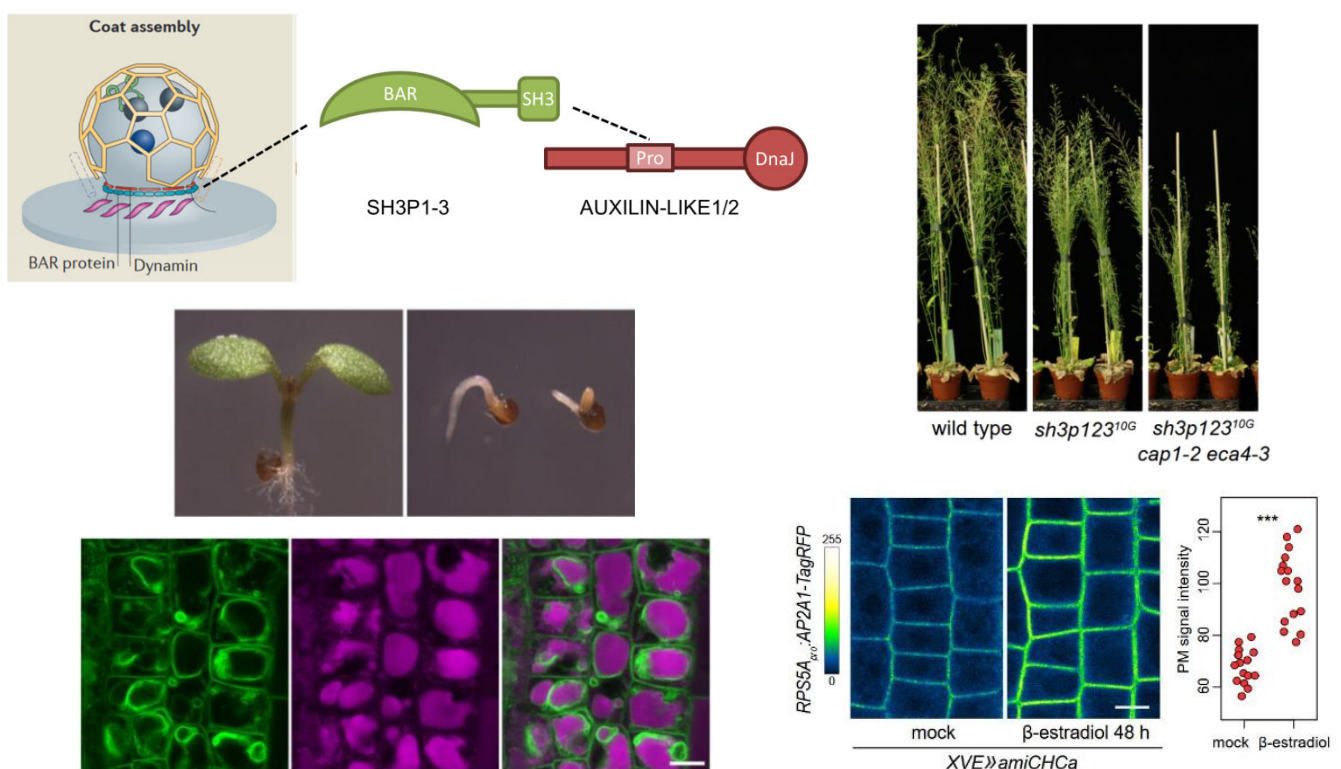
Laboratory of Plant Cell Biology (<https://pcb.ug.edu.pl>) at Intercollegiate Faculty of Biotechnology of University of Gdańsk & Medical University of Gdańsk is looking for a PhD student.

Your role: You will perform PhD studies in plant molecular and cell biology. You will work in the field of plant endomembrane system and use *Arabidopsis thaliana* as model. You will investigate the molecular machinery of clathrin-mediated trafficking (recommended reading: Adamowski et al. 2018, *The Plant Cell*; Adamowski et al. 2024, *Cell Reports*) as well as selected regulators of ARF small GTPases.

Your profile: By starting date you have a Master's degree in a relevant area including Biotechnology or Biology. You are motivated to become a PhD student in an ambitious lab in the field of fundamental plant biology. You are well-organized and have knowledge and affinity for cell biology, genetics, and genetic engineering. You have a good command of English required to read and ultimately write academic publications and to communicate with English-speaking colleagues, including at international conferences.

We offer: PhD training in a young and well-funded research group. A patient supervisor who dedicates 100% working time to his research group and has a substantial track record in internationally recognized science. Expert training in varied plant molecular and cell biology techniques including advanced live imaging. Professional development within Intercollegiate Biotechnology Doctoral School of UG & MUG. This is a 4-year PhD studentship starting in October 2025 with a scholarship from the Doctoral School. To promote rapid career development, you will be initially invited to contribute to currently concluding research, which will lead to publication co-authorship(s). You will be then fully supported in an application for a National Science Centre PRELUDIUM grant.

Application: Please contact Maciek Adamowski (maciej.adamowski@ug.edu.pl) for more information.



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Your role: You will perform PhD studies in plant molecular, cell, and developmental biology. You will work in the field of plant endomembrane system and use *Arabidopsis thaliana* as model. You will investigate the molecular mechanism of function and evolution of the intracellular trafficking regulator GNOM ARF-GEF involved in auxin-regulated plant body patterning. Recommended reading: Adamowski et al. 2024, eLife.

Your profile: By starting date you have a Master's degree in a relevant area including Biotechnology or Biology. You are motivated to become a PhD student in an ambitious lab in the field of fundamental plant biology. You are well-organized and have knowledge and affinity for cell biology, genetics, and genetic engineering. You have a good command of English required to read and ultimately write academic publications and to communicate with English-speaking colleagues, including at international conferences.

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Application: Please submit your application including a CV, a motivational letter in English, and contact information to one or more referees, to Maciek Adamowski (maciej.adamowski@ug.edu.pl). For full consideration, submit your application before 28.04. Inquiries about the position are welcome.

Please include the following in your application: "I consent to the processing of my personal data included in the application for the purposes of the recruitment process."

