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Calcium- and BTB domain protein-modulated PINOID protein kinase directs polar auxin transport

Robert-Boisivon, H.S.

Citation

Robert-Boisivon, H. S. (2008, May 21). *Calcium- and BTB domain protein-modulated PINOID protein kinase directs polar auxin transport*. Retrieved from <https://hdl.handle.net/1887/12863>

Version: Not Applicable (or Unknown)

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Note: To cite this publication please use the final published version (if applicable).

Curriculum Vitae

Hélène Robert-Boisivon was born on January, 10th 1977 in Mont-Saint-Aignan (76), France. She attended to the Lycée Sembat at Sotteville-lès-Rouen (76), France. In September 1995, she started Medicine studies at the University of Rouen (76), France, for two years, and in September 1997 she was accepted to the second year of Diplôme d'Etudes Universitaires Générales (General Academic Studies Diploma) in Animal and Plant Biology and Geology at the same university. In 1999 and 2000, she obtained her Licence and Maitrise in Cell Biology and Physiology with an option in Plant Physiology and Biotechnology. Then from February 2000 to December 2001, Hélène was a research trainee under the supervision of Dr. Frédéric Berger in the laboratory of Reproduction and Development of Plants at the Ecole Normale of Lyon (69), France. The traineeship concerned the analysis of establishment of endosperm polarity during seed development in *Arabidopsis thaliana*. In September 2001, Hélène received her master degree in Differentiation, Genetics and Immunology from the Ecole Normale of Lyon (69), France. From January to May 2002, she worked as an assistant ingénieur in the group of Dr. Jim Haseloff at the Cellular Development Laboratory at the Plant Sciences Department, University of Cambridge, UK, where she worked on the generation and screening of enhancer trap *Arabidopsis* lines. In June 2002 she joined the research group of Dr. Remko Offringa at the Molecular Developmental Genetics Department in the Institute of Biology of Leiden University, The Netherlands, to study the role of PINOID BINDING PROTEINS as regulators of transport of the plant hormone auxin in *Arabidopsis thaliana* (this thesis). From September 2007 on, she works as a post-doc in the Auxin group at the Plant System Biology Department of the Flemish Institute of Biotechnology in Ghent, Belgium. Under the supervision of Prof Jiří Friml, she continues her studies on auxin transport in *Arabidopsis*, but now with a focus on early embryo development and the still unknown function of the BIG protein in this process.