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The Chara plasma membrane system : an ancestral model for plasma membrane transport in plant cells

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Curriculum Vitae

Suyun Zhang was born on the 28th of December 1986 in Jiaxing, Zhejiang Province, China. In 2005, she started her studies at Southwest University in Chongqing and obtained her Bachelor's degree in Biotechnology in 2009. During the bachelor study, she did her internship at the State Key Laboratory of Silkworm Genome Biology for one and half year. In the summer of 2008, she was selected by the university for an exchange research project in the College of Saint Benedict and Saint John's University, the United States. In autumn 2009, Suyun continued her Master study at the China Agricultural University in Beijing. Her study was focused on nutrient uptake of plant roots systems under the stimulation of different sound waves, under the supervision of Prof. Baoming Li. After receiving her Master's Degree in 2011, she continued her PhD project with Prof. Bert van Duijn and Prof. Remko Offringa at the Institute of Biology, Leiden University, with a financial support by the China Scholarship Council and the Foundation for Single Cell Research. Her work about using Chara algae as a model system to study plant physiology and evolution is described in this thesis. Currently, Suyun is employed at a Post-doc position at Fytagoras BV in cooperation with the Leiden University-European Centre for Chinese Medicine and Natural Products (LU-ECCM).

Publications

1. Zhang, S. and van Duijn, B. (2014) Cellular auxin transport in algae. *Plants*, 3: 58-69.
2. Zhang, S., de Boer, A.H., van Duijn, B. (2016) Auxin effects on ion transport in *Chara corallina*. *Journal of Plant Physiology*, 193: 37-44.

