

# Yuchen LONG

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## RESEARCH INTERESTS

Plants display great developmental plasticity in response to the environment while maintaining their core, functional structures. I am interested in how plant cells integrate a plethora of signals to coordinate and adapt growth and development to an ever-changing environment. My research methods include advanced quantitative imaging techniques and biomechanical micro measurements as well as traditional techniques like genetics and molecular cloning.

## EDUCATION

2009-2014 PhD student at Universiteit Utrecht, the Netherlands

2005-2009 BAsC at Hogeschool van Arnhem en Nijmegen, the Netherlands

## PROFESSIONAL EXPERIENCE

2014-current Postdoctoral and EMBO fellow at RDP, ENS de Lyon, France  
*"Shaping with water": investigating the role of turgor pressure during plant shoot morphogenesis.*

2009-2014 PhD student at Universiteit Utrecht, the Netherlands  
*Transcription factor movement and tissue patterning in Arabidopsis root meristem.*