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# Andreas Keymer

## Life Sciences

European Patent Attorney

*Associate*

Andreas Keymer studied Biology and Chemistry at the Ludwigs-Maximilians University (LMU) in Munich. He performed his graduation work at the institute of genetics and completed his studies in 2014. In 2015, Andreas Keymer started his doctoral studies at the LMU and later continued the work at the Technical University Munich (TUM).

During his doctoral work Andreas Keymer specialized in plant genetics with a strong focus on molecular mechanisms that regulate plant-microbe interactions. His research interest addressed the interplay of plants with beneficial as well as detrimental microbes in order to find new means for applied agriculture.

## Working experience

- Patent Attorney, V.O. (July 2022)
- Trainee Patent Attorney (March 2019)

## Education

- PhD in Plant Genetics, Ludwigs-Maximilians University, Munich (2019)
- State examination in Biology & Chemistry, Ludwigs-Maximilians University, Munich (2014)

## Publications

- Brands M, Wewer V, Keymer A, Gutjahr C, Dörmann P (2018) The Lotus japonicus acyl-acyl carrier protein thioesterase FatM is required for mycorrhiza formation and lipid accumulation of Rhizophagus irregularis. Plant Journal, DOI: 10.1111/tpj.13943.
- Keymer A, Gutjahr C (2018) Cross kingdom lipid transfer in arbuscular mycorrhiza symbiosis and beyond. Current Opinion in Plant Biology 44: 137-144.
- Keymer A, Huber C, Eisenreich W, Gutjahr C (2018) Tracking lipid transfer by fatty acid isotopolog profiling from host plants to arbuscular mycorrhiza fungi. Bio-protocol 8(7): e2786.
- Keymer A, Pimprikar P, Wewer V, Huber C, Brands M, Bucerius SL, Delaux PM, Klingl V, von Roepenack-Lahaye E, Wang TL, Eisenreich W, Dörmann P, Parniske M, Gutjahr C (2017) Lipid transfer from plants to arbuscular mycorrhiza fungi. eLife 6. pii: e29107.

## Languages

- German
- English