

PhD position in the Emmy Noether Research Group

Root Functional Biology group funded by DFG Emmy Noether Programme led by Dr. Peng Yu is seeking highly motivated and hard-working scientists on genetic and molecular mechanism of crop-microbe interaction. The tentative start date will be March 1, 2024. More information about the team is here: <https://www.inres.uni-bonn.de/rootbiology/en>

What we do:

- Root morphogenesis, anatomy, development and architecture;
- Genomics, transcriptomics and metabolomics;
- Metagenomics of rhizosphere microbes;
- Molecular biology and microbiology.

What we offer:

- Contract: **PhD position, 3 years (TVL E13, 65%);**
- Extensive national and international collaborative network;
- Supported by technician and team members;
- Full of supervision and enough independence.

What we require:

- High interests and enthusiasm on scientific research;
- Master in Biology/Genetics/Plant science/Microbiology;
- Communication/English skills and hard-working are essential;
- Organized, critical thinking, willing to learn and improve;
- Experience on plant-microbe interaction highly welcome;
- R/python programming is expected, but not essential.

Interested?

Please answer these three questions via email before application!

- Do you like agriculture and why?
- Do you have full of passion for scientific research and how much time you want to invest?
- Are you ready to challenge hard research topic and how?

Please send:

A CV, statement of motivation and research interests to Dr. Peng Yu (yupeng@uni-bonn.de), until **November 15, 2023** (Europe/Berlin / UTC200).