

### PhD position in DFG Emmy Noether Research Group

Root Functional Biology group funded by DFG Emmy Noether Programme led by Dr. Peng Yu is seeking a highly motivated and hard-working scientist on genetic and molecular mechanism of crop-microbe interaction.

#### What we do:

- Root morphogenesis, development and architecture;
- Genomics, transcriptomics, metabolomics of maize root;
- Metagenomics of root/soil microbes;
- Molecular biology and microbiology.

#### What we offer:

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

#### 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?

If you like agriculture;

If you have full of passion for scientific research;

If you are ready to challenge hard research topic;

#### Please send:

A CV, statement of motivation and research interests to Dr. Peng Yu ([yupeng@uni-bonn.de](mailto:yupeng@uni-bonn.de)), referee letters (optional) until November 10, 2020 (Europe/Berlin / UTC200)