



Special Seminar



Dr. Silke Robatzek

Heisenberg Professor at the Ludwig-Maximilian-University
Munich, Germany

How Plants and Microbes Interact

Monday, March 2nd 2:00-3:00 pm
Genomics Auditorium

Research Highlights:

Emerging and re-emerging disease epidemics represent a global threat to food security and social stability. The Robatzek lab studies infectious diseases in plants, such as Olive leprosy, and the plant immune system defending the pathogen. Their aim is to understand the molecular processes that control the outcome of infection: immunity or disease. To this end, our research focuses on plant immune receptors, the microbial patterns activating the receptors, and the virulence strategies used by pathogens to circumvent immunity. Their lab works on: I. Cellular and molecular basis of plant immunity of *Xylella fastidiosa*, II. Multi-host pathogenicity of *Xylella*, and III. Cellular and molecular inter-organism exchange through extracellular vesicles.