

Herman Frasch Foundation for Chemical Research

Grants awarded for the period 2012 to 2017

All Grants \$250,000

Dr. Ryan Altman, University of Kansas, Development of Novel Reagents for Conversion of Simple Functional Groups.

Dr. Guangbin Dong, University of Texas at Austin, Economic and Divergent Syntheses of Aminophosphonate Herbicides *via* Catalytic C-H Bond Activation.

Dr. Delphine K. Farmer, Colorado State University, Real-time Measurements to Understand the Fate of Pesticides in the Atmosphere.

Dr. Ryan D. McCulla, Saint Louis University, Photoactivatable Ozone Precursors: A Chemical Approach to Investigating Ozone Toxicity in Plants.

Dr. Robert L. McFeeters, University of Alabama in Huntsville, The SNOD1 Virulence Factor of *Botrytis cinerea*: Structure, Interactions, Mechanism of Infection, and Means to Inhibit Crop Rot.

Dr. Ramaraja P. Ramasamy, University of Georgia, Enzymatic Biosensing of Crop Volatiles for Early Detection of Pathogen Infection.

Dr. F. Akif Tezcan, University of California, San Diego, Elucidating and Controlling Electron and Proton Flow in Biological Nitrogen Fixation.

Dr. Brian D. Zoltowski, Southern Methodist University, Blue-light Regulation of Plant Growth and Development.