De La Fuente is a Professor in the Department of Entomology and Plant Pathology at Auburn University (Alabama, US) where he studies different aspects of the biology of vascular bacterial pathogens. For his research he uses a variety of microbiology and molecular biology techniques, as well as nanotechnology. He obtained his B.S. in Biochemistry and M.S. in Microbiology from the University of the Republic in his native Uruguay. After moving to the US, he obtained his Ph.D. in Plant Pathology from Washington State University and worked as a postdoc at Cornell University prior to joining Auburn University faculty in 2008.