



Applications of Plant Pathology: From Field to Clinic
18 April 2018

Charles Darwin House, 12 Roger Street, London, WC1N 2JU

09:15	Registration & refreshments
09:50	Introduction <i>Murray Grant, University of Warwick, UK</i>
Session 1	'-omes' and '-omics' in plant or human health
10:00	Insight in phytohormone-induced gene regulatory networks reveals unknown defence controllers <i>Saskia van Wees, Utrecht University, The Netherlands</i>
10:30	Plant pathogen genomes - blueprint, recipe, opportunity? <i>Leighton Pritchard, The James Hutton Institute, UK</i>
11:00	Breakdown of plant-derived dietary carbohydrates by the human gut microbiota <i>Petra Louis, The Rowett Institute, University of Aberdeen, Scotland</i>
11:30	Refreshments
11:50	Plant metabolomics & pathogen interactions <i>John Draper, Aberystwyth University, Wales</i>
12:20	The impact of the host microenvironment on plant disease development <i>Gail Preston, University of Oxford, UK</i>
12:50	Lunch
Session 2	Detection methods for plant pathogens
13:35	Early detection of fungicide resistance in crop pathogens <i>Fran Lopez Ruiz, Centre for Crop and Disease Management, Curtin University, Australia</i>
14:05	Making the unknown known - The application of diagnostic technologies in plant health virology <i>Adrian Fox, Fera Science Ltd, UK</i>
14:35	<i>Impact of taxonomy on identification and detection of plant pathogens in the Enterobacteriaceae</i> <i>Carrie Brady, University of the West of England, UK</i>
15:05	Refreshments
Session 3	Positive cross-infection - advancing healthcare through shared learning in plant and human health sciences
15:25	Proving pathogenicity in polymicrobial pathosystems <i>Sandra Denman, Forest Research, UK</i>
15:55	The view from the sick bed - what plant health clinics tell us about diagnostics and healthcare delivery <i>Eric Boa, University of Aberdeen, Scotland</i>
16:25	Panel discussion