

ISSCT Pathology Commission Webinars

Two webinars of approx. 2.5 hour each (including breaks and discussion time) on **23 June and 30 June 2022 from 1:00pm GMT – 3:30pm GMT** (times are in Greenwich Mean Time)

Short Biodata about the Presenters

Dr. Nicole Thompson (SRA), Chair of ISSCT Pathology Section Nicole Thompson obtained her PhD from University of Adelaide in 2001 in Plant Virology. She completed postdoctoral appointments at USDA-ARS and University of Adelaide before taking up a role as Quarantine Pathologist at BSES in 2007. Since this time, she has worked on sugarcane pathogen diagnostics, sugarcane pathology and sugarcane biosecurity for SRA located at the Indooroopilly and Woodford sites. She is currently the Chair of the ISSCT Pathology Committee. She will be presenting about efforts to improve pathogen diagnostics and surveillance in Australia through the iMapPESTS project.	
Dr Dimitre Mollov (USDA-APHIS) Dr. Dimitre Mollov is a plant virologist working with the United States Department of Agriculture. His research utilizes highly sensitive techniques to detect virus-specific nucleic acids, including high throughput sequencing coupled with biological and molecular studies to characterize poorly described viruses of quarantine and economic significance. For about seven years, he worked on sugarcane and grasses and identified and characterized several viral diseases infecting these crops. Since 2021, Dimitre moved to the U.S. west coast where he no longer works on sugarcane but remains committed to complete several sugarcane virus related projects on which he collaborates with sugarcane pathologist across the globe.	

Dr Jean-Heinrich Daugrois (CIRAD) Jean Heinrich Daugrois obtained his PhD in plant biology (major in plant pathology) in 1989 from the University of Toulouse in France. From 1990-1993, he worked as a sugarcane pathologist at Cirad in Reunion Island where he discovered that resistance of sugarcane to brown rust in cultivar R570 was governed by a major gene (currently known as gene *bru*1). From 1993-2013, he worked at Cirad in Guadeloupe (French West Indies) where he showed a new paradigm for the life cycle of sugarcane leaf scald. In 2013, he moved to Cirad in Montpellier/France where he participated in the activities of Cirad's sugarcane quarantine named Visacane. He became the manager of Visacane in 2017 and his current research activities are focused on the characterization of the sugarcane virome by metagenomics.	
Dr. Rob Magarey Rob has worked with the Australian sugarcane industry for over 40 years, researching many diseases; the development of appropriate management strategies has been the ultimate goal. His initial emphasis was on soil-borne diseases, including one caused by a previously undescribed Oomycete, Pachymetra chaunorhiza – a pathogen unique to Queensland cane-fields. He has since worked on diseases of bacterial, fungal, protozoan, and phytoplasma origin. Research projects have taken him on quarantine surveys around the northern Australian, Torres Strait and PNG coastlines, to identify potential pest and disease threats to Australia. He has led 8 international research projects involving PNG and Indonesian scientists, with a focus on the aetiology and management of pests and diseases. He has close links with scientists around the world and is a past-President of Australasian Plant Pathology Society (APPS).	