

Nanoparticle Therapeutics 2016 Program

	Monday 24 th October 2016	Tuesday 25 th October 2016	Wednesday 26 th October 2016
9:00 am	Plenary Session Nanoparticles in health – Opportunities and safety concerns Keynote - Dr Silke Krol, IRCCS Istituto Tumori "Giovanni Paolo II"/Fondazione IRCCS Istituto Neurologico "Carlo Besta"	Plenary Session Broad spectrum antiviral macromolecular prodrugs Plenary - Dr Tracey Hinton, CSIRO	Plenary Session Presentation title TBA Plenary - Mark Kendall, UQ
10:00 am	Morning Tea	Morning Tea	Drug Delivery
10:30 am	Anti-cancer Therapeutics, Vaccines and Theranostics Challenges of translating novel theranostic targets into the clinic for neuro-oncology applications Plenary - Professor Stephen Rose, CSIRO Starpharma's dendrimer platform: therapeutics and drug delivery Keynote - Dr Rashmi Pathak, Starpharma Pty Ltd Lipid-based nanoparticles for cancer therapeutics and medical imaging agents (submitted abstract) Dr Minoo Moghaddam, CSIRO	Nanoparticle Safety - Characterisation and Antibacterials TGA regulation of nanomedicines by the therapeutic goods administration Keynote - Dr Anne Field, Therapeutic Goods Administration Advanced characterisation for nanoparticle therapeutics (submitted abstract) Dr Victoria Coleman, National Measurement Institute Characterisation of siRNA delivery vehicles Dr Nick Reynolds, Swinburne University of Technology	Learning from nature: the development of antibacterial surfaces Keynote - Professor Russell Crawford, RMIT University Antibody targeted prodrug nanoparticles as chemotherapeutic nanomedicine (submitted abstract) Dr Nelly Gong, Biosceptre Australia Pty Ltd A versatile platform for generating polymer capsules for nanomedicine (submitted abstract) Dr Joseph Richardson, CSIRO Dual-modality NIRF-MRI cubosomes and hexosomes: high throughput formulation and in vivo biodistribution (submitted abstract) Dr Nhiem Tran, RMIT University
12:00 pm	Lunch	Lunch	Lunch
1:30 pm	Anti-cancer Therapeutics, Vaccines and Theranostics 15 years of commercializing nanomedicine: real improvements in human health Keynote - Professor Thomas Webster, Northeastern University Nanodiamond composites for tissue engineering with subdermal imaging capabilities (submitted abstract) Dr Kate Fox, RMIT University High density lipoprotein like nanoparticles with gemcitabine target pancreatic cancer in patient-derived xenograft tumours (submitted abstract) Prof Ross Smith, University of Sydney	Hartley's Crocodile Adventure Excursion and Conference Dinner (concludes at 10:00 pm)	Respiratory Therapeutics Microfluidic nebulisation platform for low cost and portable inhaled macromolecular therapeutics Plenary - Leslie Yeo, RMIT University Translational respiratory drug delivery by aerosol technology – antimicrobial therapy Professor Kim Chan, The University of Sydney
3:00 pm	Afternoon Tea		Afternoon Tea and Conference Concludes (concludes at 3:30pm)
3:20 pm	Natural Product Therapies From the ground to the sky - basic science and clinical research of natural medicines Keynote - Associate Professor Evelin Tiralongo, Griffith University Controlling inflammation using polysaccharide-phlorotannin nanoparticles from brown alga <i>Carpophyllum flexuosum</i> (submitted abstract) Rui Zhang, The University of Sydney		
4:20 pm	Three Minute Poster Presentations and Poster Viewing (concludes at 6:00 pm)		

Registrations open on Sunday 23rd October at 3:30pm

Welcome Function will be held on Sunday 23rd October at 6:00pm