

Garvan Institute of Medical Research

Leaders in Science

Professor Maria Kavallaris

Head of the Tumour Biology and Targeting Program at the Children's Cancer Institute Australia

Director of the Australian Centre for NanoMedicine and ARC Centre of Excellence in Convergent Nano-Bio Science and Technology, UNSW Australia



“Microtubules: tumourigenesis, metastasis and therapeutics”

Monday 8th December, 2014 | 12PM, L2 AUDITORIUM

Host: Dr Andrew Burgess

Maria Kavallaris has made seminal contributions to understanding the mechanisms of action and resistance to antimetabolic agents in cancer. Her studies on the cytoskeleton revealed alterations associated with tumourigenesis and metastasis and she has applied this knowledge to develop effective and less toxic cancer therapies using nanotechnology. Maria Kavallaris's research has led to patents, and industry collaborations for the development of a gene silencing therapeutic for the treatment of lung cancer. She has held numerous fellowships including three concurrent NHMRC Fellowships and her research contributions have been recognised by awards and prizes and include a Young Tall Poppy Award and an Australian Museum Eureka Prize. She was recently named by the National Health and Medical Research Council as a “High Achiever in Health & Medical Research in Australia and internationally”. Her broader contributions include serving on key government funding panels, committees and editorial boards including, *Cancer Research* and *Nanomedicine*. She is a member of the board of the International Nanomedicine Society and a member of the Board of the Australian Institute for Policy and Science. Professor Kavallaris is a past-President of the Australian Society for Medical Research.