



Garvan Institute of Medical Research

# Leaders in Science & Society



**Dr Keith McLean**  
CSIRO Manufacturing, Melbourne

**“Implantable Materials for Medical Devices,  
Tissue Engineering and Drug Delivery”**

**Monday 23rd November 2015 12:00PM, AUDITORIUM**

**HOST: PROF JOHN MATTICK**

Keith McLean has a B.Sc. (Hons) and Ph.D. in Microbiology from the University of Aberdeen, Scotland. Following work in industry he undertook postdoctoral research in Scotland and New Zealand before joining the Commonwealth Scientific and Industrial Research Organisation (CSIRO) in 1989. In 1996 he joined the surface chemistry group working on surface modification and characterisation for ophthalmic and other polymeric biomaterials applications. He was a team member of the implantable contact lens project in the VisionCRC. This team designed a polymer, surface and surgical methods for an implantable contact lens application and won the 2004 Royal Societies of Australia Eureka Award for Interdisciplinary Research and the 2009 CSIRO Medal for Research Achievement. He was Theme Leader for Biomedical Materials and Devices from 2006 to 2014 leading a multi-disciplinary team of materials scientists and biologists developing biomaterials for tissue engineering, stem cell propagation and implantable devices. He became Director of CSIRO's Manufacturing Flagship in 2014 leading >400 scientists working in chemical, biomedical and advanced manufacturing. He was a team member of the 2015 CSIRO Entrepreneurial Award Team for the development of a 3D printed heel implant.