

Claire Noone

Claire Noone is a Principal Consultant and Public Policy Practice Lead with Nous Group, an award-winning management consulting firm operating across Australia and the UK. In her role at Nous, Claire partners with private and public sector clients across a broad range of sectors including financial services, utilities, justice, health & human services. As a leading thinker in policy reform, regulatory design and regulatory practice, she is highly sought after by clients looking to design and implement new regulatory models for the future economy.

Claire has more than 20 years' senior executive and leadership experience across both federal and state government. Her experience extends across policy and legislation, regulatory theory and practice, strategic planning, corporate services, and service delivery across a number of portfolios. Before joining Nous, Claire was the Deputy Secretary, Regulation at the Department of Justice (Vic), prior to which she was the Acting Secretary of the Department. As the Director of Consumer Affairs Victoria she was responsible for major regulatory policy reform of the Australian Consumer Law and other significant national and state-based policy and legislative reform agendas. Claire is renowned for her sharp analytical mind and her engaging and collaborative approach to working with clients and stakeholders.

Experience

Claire has an extensive track record in regulation:

- Day-to-day leadership and management of a large regulatory agency, Consumer Affairs Victoria including education and information services, compliance and enforcement, and licensing and registration
- Responsibility for major regulatory policy reform culminating in the Australian Consumer Law Several national reform programs including travel reform
- Appointed by the Victorian Government to lead the review of WorkSafe Compliance and Enforcement
- Provided detailed and expert advice on the design of environmental regulation for a recent independent inquiry
- Experience in consumer engagement.

Qualifications

- Doctor of Business Administration, RMIT University
- Masters of Business Administration, University of Melbourne – Melbourne Business School
- Bachelor of Laws / Bachelor of Arts, University of Melbourne
- Diploma of Education, University of Melbourne
- INSEAD Advanced Management Program, ANZSOG Executive Fellows Program, VLDC SELP

Professor Ian Small

Ian Small's PhD at Edinburgh University was followed by a career with France's National Agronomy Research Institute (INRA at the Plant Genetics & Breeding Station in Versailles and the Plant Genomics Unit in Evry. In 2005 he was awarded a WA State Premier's Research Fellowship and moved to Perth to become the Director of the ARC Centre of Excellence in Plant Energy Biology.

Currently, he is an ARC Laureate Fellow in the second incarnation of the Centre. Ian's work contributed to the development of INRA's breeding program for hybrid canola and other hybrid brassica crops. His research interests cover molecular biology and bioinformatics applied to the study of energy organelles (mitochondria and chloroplasts), with potential applications in agricultural, environmental and health biotechnology. Ian was selected as 'Scientist of the Year' in the 2014 WA Premier's Science Awards and elected a Fellow of the Australian Academy of Science in 2015. He has represented the Academy in recent panels discussing synthetic biology, new gene drive technologies and new plant breeding technologies.

Professor David Tschärke Biography

Professor David Tschärke is an NHMRC Senior Research Fellow and Head of the Department of Immunology and Infectious Diseases at the John Curtin School of Medical Research, the Australian National University (ANU). He has a BSc (hons) and PhD (1997) from the University of Adelaide and postdoctoral experience from the University of Oxford and Imperial College London, UK, the National Institutes of Health, Bethesda, MD. USA, and QIMR Berghofer Medical Research Institute, Brisbane. He has led an independent research group at The ANU since 2006.

Prof Tschärke has authored more than 90 papers and abstracts in the scientific literature, including the use of gene technology methods in virology, and has held national and international grants and fellowships worth more than \$10m. He has 12 years of experience as member and deputy chair of two Institutional Biosafety Committees (QIMR and ANU) and has convened, and still teaches into an undergraduate course on molecular gene technology at the ANU. He has communicated his science nationally, including ABC's Catalyst and Triple J. Prof Tschärke has ongoing research interests in understanding how viruses hide from and are exposed by the immune system.

Dr Mark Tizard

Project Leader | Principal Research Scientist | Genome Engineering
Health & Biosecurity | Synthetic Biology Future Science Platform
CSIRO

Mark began his career in the UK in the early days of gene cloning as part of the team that was first to identify and produce the malaria merozoite major surface antigen for vaccine studies (Holder et al, 1984, Nature).

He came to Australia and CSIRO following the impact of postdoctoral work in mycobacterial research with relevance to Australia (in Johne's disease) in which he identified, characterized and developed a unique marker for the disease causing agent.

Changes in CSIRO gave him the opportunity to explore the emerging field of RNA interference and microRNA biology. His group was the first to catalogue the microRNA repertoire of the chicken (Glasov et al, 2009, Genome Research), a model system in which he later developed a novel approach for RNAi delivery by minimal transgene. This involved developing and applying tools from another emerging field – gene editing. Improvements in these techniques from his lab have led to very efficient methods to edit the chicken genome, one spin off of which is a new method to remove males from the egg-layer industry without having to hatch and cull day-old chicks (the current practice) – though it is yet to go into industry practice.

With the advent of CRISPR/Cas9 technology the ease of applying gene editing in poultry lead Mark to broaden his horizons and to take a look at how these techniques might be applied in the genetic control of vertebrate pests. His current interests are in gene editing in the cane toad and exploring the possibilities of the new gene drive technology for fish and rodent pests.