

**Poms Roland Ernest, PhD**

**ICC Secretary General/CEO  
BOKU and SCU affiliated staff/lecturer  
Coordinator of MoniQA EU Network of Excellence**



ICC – International Association for Cereal Science and Technology  
BOKU – University of Natural Resources and Life Sciences Vienna, Austria  
SCU – Sichuan University Chengdu, China

MoniQA – Monitoring and Quality Assurance in the Total Food Supply Chain

**Background and experience**

**Dr. Roland Ernest Poms** is Secretary General/CEO of ICC – International Association for Cereal Science and Technology [www.icc.or.at](http://www.icc.or.at), based in Vienna, Austria, and Coordinator of the EU Network of Excellence MoniQA - Monitoring and Quality Assurance in the total Food Supply Chain [www.moniga.org](http://www.moniga.org).

He holds MSc and PhD degrees in Food Technology and Biotechnology from BOKU, the University of Natural Resources and Life Sciences, Vienna, Austria, in cooperation with the University of Minnesota, USA. In the past he has had several research positions in Austria, Belgium, Italy, USA, and New Zealand. His major scientific expertise is food safety assessment, method development and validation (microbiological and biochemical), food allergens and GMO detection. Dr. Poms manages and coordinates activities in large international/global networks in various areas, such as cereal and grain foods and technology, food safety, food security, policy support, SDOs – Standardisation Organisations, NGOs, and industrial consortia. Besides research mapping, coordination and management, he is preparing implementation and communication strategies for technology transfer, training and education, as well as policy support.

Dr. Poms has a part time position at BOKU, where he is an affiliated staff/lecturer on food safety assessment and GMO safety. He maintains university collaborations in Canada (Guelph), China (Chengdu, Nanjing, Zhengzhou), Hungary (Budapest), New Zealand (Christchurch, Lincoln, Palmerston North, Auckland), Thailand (Bangkok), Turkey (Ankara), USA (Minnesota). As BOKU affiliate he has acted as BOKU university ambassador and supported various joint collaboration and research initiatives, as well as mutual recognition of courses and credit systems. Dr. Poms has also a special professorship position at the Department for Public Health at the Sichuan University, Chengdu, China. Dr. Poms has delivered some 300 lectures and oral presentations at universities/educational centers and events around the globe.

In recent years Dr. Poms worked on the validation of rapid methods and co-ordinated several international research projects during his employment at the Joint Research Centre of the European Commission (2001-2004) and ICC (2004 – date). He is coordinator of MoniQA (2007-2012) and partner in PlantLibra (2010-2014) and Connect4Action (2011-2013). He has acquired profound familiarity with national, international, EU, and NGO research and collaboration schemes, as well as with fund raising and proposal elaboration through active participation in past projects (research, support to developing countries, charity, disaster relief) and his entrepreneurship (founding ICC Services GmbH, 2005; MoniQA Association, 2011; support to establish GHI–Global Harmonisation Initiative, 2008; IFRC–International Food Research Consortium, 2009).

Dr. Poms is Co-Editor in Chief of the peer-reviewed, impact factor rated, international journal QAS – Quality Assurance and Safety of Crops & Foods [www.icc.or.at/journal/qas](http://www.icc.or.at/journal/qas). He is author of some 50 peer-reviewed scientific papers, various book chapters, and some 200 abstracts. He is involved in working groups of various international organisations like CEN, ISO, IAM, Codex Alimentarius, AOAC, AACC Int'l, and others.

**Resource expert**

Development and validation of food analytical methods  
Food allergen detection and analysis  
GMO analysis  
Microbiological analysis  
Rapid methods, ELISA, Dip stick assays, PCR  
Networks and negotiations  
Research management and coordination, EU programmes and Global Initiatives  
Financial planning and management  
Human resource and staff management  
Communication, presentation and publications  
Promotion and motivation