

Il Je Yu, Ph.D., DABT, CIH, CSP, RQAP-GLP, EU-UK Registered Toxicologist, holds positions as Professor, Director of the Institute of Nanoproduct Safety Research, Hoseo University, Korea. Professor Yu has more than 30 years experience in toxicology and has served as a director of Center for Occupational Toxicology, Korean OSHA, Ministry of Employment and Labor and a director of Biosafety Evaluation Headquarter, Korea Conformity Laboratories (KCL) under the Ministry of Commerce, Industry and Energy, and consultants and experts in numerous investigations across Korea and East Asia. He has evaluated health impacts from many chemicals and drugs, and has presented a variety of health risk concepts to policy makers, government regulators, citizen groups, and individuals involved in all aspects of the legal process.

Professor Yu holds a Ph.D. in pathology from the State University of New York, Health Science Center at Brooklyn (1989), had a post-doctoral training in Cold Spring Harbor Laboratory and is certified in toxicology by the American Board of Toxicology (original certification in 1997 with recertifications in 2002, 2007), and registered toxicologist in UK and EU (2007). He is a Certified Industrial Hygienist (1999) in USA, a Certified Safety Professional (2000) in USA, and a Registered Quality Assurance Professional in GLP (2005) in USA. He is also served as adjunct professors of college of Pharmacy, Sunkyunkwan University in Suwon and College of Medicine, Chung-Ang University. His research has focused on components of health risk models including mechanistic studies aimed at quantifying exposure of critical organ systems, and includes more than 100 scientific publications. Professor Yu has experience with both chemical and physical agents (including pollutants, pesticides, solvents, vapors, metals, microbial agents, and electric and magnetic fields), exposure scenarios (including environmental, occupational, residential, and clinical), and routes of exposure (including inhalation, oral, and percutaneous) during his tenure at Korean OSHA (Korean Occupational Safety & Health Agency). He has conducted health-effects evaluations of a variety of contaminated environmental sites and has experience with numerous air and water quality issues. He contributed a great deal in nanotoxicology research during his tenure at KCL and current Hoseo University by conducting silver MWCNTs, and gold nanoparticle inhalation toxicity experiments and assessing exposure to nanoparticles and nanotubes. Professor Yu served as vice president of Korean Society of Toxicology (KSOT), and is a chairman of education committee of the KSOT, steering committee members and chair of continuing education committee of Asian Society of Toxicology and a member of IART (International Assembly for Recognition of Toxicologist), and members of American Conference of Governmental Industrial Hygienists (ACGIH), and American Society of Toxicology. He served as a working group member for IARC monograph 93 titanium dioxide, carbon black, and non-asbesiform talc” in 2006. He has served as a member of SAP (Science Advisory Panel) in US EPA. He led 3 projects (PG3, PG4 and PG9) of ISO TC 229 (Nanotechnology) working group 3 (Health, safety and Environment) and published 3 international standards, and he was a member of editorial board of Inhalation Toxicology Journal. He served as members numerous advisory boards of the National Institute of Toxicology Research, the National Institute of Environmental Research and Korean FDA. Professor. Yu is a leading educator and trainer for Korean toxicology community and organized numerous toxicology education course and GLP training courses.

DABT: Diplomate of American Board of Toxicology

CIH: Certified Industrial Hygienist, USA

CSP: Certified Safety Professional, USA

RQAP-GLP: Registered Quality Assurance Professional in GLP (Good Laboratory Practice)