



CAP 2021 VIRTUAL CONGRESS

Plenary Speaker Bio

BRIAN WILSON | UNIVERSITY OF TORONTO

Brian C. Wilson holds a PhD in High-Energy Physics from University of Glasgow. His subsequent career has been in biomedical research and clinical service, initially in radiological diagnostics and therapeutics. Since moving to Canada in 1981, he has focused on research and clinical translation of optical techniques and, more recently, also photonic nanotechnologies for cancer diagnostics, light-based therapies and optical spectroscopy/imaging-guided interventions.

He is currently Senior Scientist at Princess Margaret Cancer Centre and Professor of Medical Biophysics, University of Toronto. He has published over 400 peer-reviewed research papers and trained over 50 graduate students and postdoctoral/clinical fellows. He has held visiting professorships in the US, Brazil, Australia and China and has won several national and international awards, both in oncology and in optics/photonics. He is an OSA and SPIE Fellow. He has co-founded 3 companies in the field on biomedical optics.