

2023 TSRC Short Bio

Arno C. Gutleb, Ph.D., ERT

Prof. Gutleb has a veterinary degree and holds a PhD from Wageningen University. He has worked in several countries in Europe at universities and research centers for more than 30 years. In 2022 he founded *INVITROLIZE* commercializing 3D models under the term ALIsens™. He has mainly worked with persistent organic pollutants and thyroid hormone disruption before concentrating on *in vitro* model development (skin, intestine) but concentrating on the lung for the last 15 years. His research interests have focused on the development of 3D *in vitro* models for the alveolar barrier with a focus on respiratory sensitization as endpoint. These models have been used with respiratory and skin sensitizers, nanomaterials, and tobacco products. He has published over 140 peer-reviewed papers. He currently is the Head of Group Environmental Health at the Luxembourg Institute of Science and Technology and Managing Director of *INVITROLIZE*.