

Dr Downham studied a Bachelor of Sciences degree (with honours) in industrial biology at London South Bank Polytechnic (UK) which included a placement with Boehringer Mannheim (DE). He completed a PhD in biochemical engineering (Birmingham University, UK), a post-doctoral bio-molecular research fellowship (Liverpool John Moores University, UK) and a post-graduate certificate in f/h education (Bolton Institute, UK). He joined the biopharma industry in 1997 and has worked for Protherics (UK), Bavarian Nordic & Morphosys (DE), Novartis Vaccines & Diagnostics (IT) & AstraZeneca (UK). Throughout Dr Downham worked on pre-/early clinical development, CMC, non-/GMP manufacture and scientific/technical affairs spanning vaccine, antibody, enzyme therapies for infectious, hypertension, inflammatory and oncology indications. He was a EU Registered Toxicologist (2010-18); Chair, Vaccines EU Influenza working group (2017-20); Treasurer, International Federation of Pharmaceutical Manufacturers & Associations Influenza Vaccine Supply task force (2017-20); Vice Chair, IFPMA Convention on Biological Diversity working group (2018-20). Dr Downham has co-authored 37 publications/abstracts and 3 international patents. In January 2021, he joined the Coalition for Epidemic Preparedness Innovations (UK) as