

Curriculum Vitae

Dr. phil. nat Gerhard Scheuch
Wohraer Strasse 37, 35285 Gemuenden/Wohra, Germany
Born 12. November 1955 in Gemuenden/Wohra
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Email: gerhard.scheuch@bio-inhalation.com

- 2015 – recently Founder and CEO of GS Bio-Inhalation GmbH
GS Bio-Inhalation is a consulting company, specialized in aerosol research, respiratory drug delivery but also for early-stage Life Science and Med Tech companies.
- 2012 – 04.-2017 Founder and CEO of Ventaleon GmbH
In 2012 Activaero spun out one of the major development projects into a separate entity. Ventaleon is a Drug Delivery company developing drugs against severe influenza.
- 2014 – 8.2015 Chief Scientific Officer (CSO) Vectura Group plc.
In March 2014 Activaero has been acquired by the British Vectura Group. Gerhard Scheuch joined the Executive Management team as CSO. Vectura is a Respiratory Area Specialist developing drugs against respiratory diseases.
- 2004 – 03.2014 Founder and CEO of Activaero GmbH
President of Activaero America Inc.
Respiratory Area Specialist with focus on development of drug-device combination products for the treatment of severe pulmonary diseases. Grew company from inception to commercial stage.
- 1998 – 2004 Founder and CEO of Inamed GmbH.
CRO specialized in conducting unique aerosol research projects and clinical trials with novel inhalation therapies. Advised leading pharmaceutical and biotechnology companies in developing inhalation therapies.
- 1992 – 1998 Scientist and Senior Scientist at Helmholtz Center Munich Research Center for Environment and Health
Established clinical research team at the Asklepios Lung Hospital Gauting. Oversaw all research on pulmonary deposition of aerosols and development of lung function tests using inhaled aerosols. In 1996 visiting Professor at the University of North Carolina (UNC) in Chapel Hill.
- 1980 – 1992 Engineer at GSF National Research Center for Environment and Health, Frankfurt/Main (Germany)

Responsible for aerosol characterization, radiolabeling of aerosols and lung deposition studies in human volunteers. Conducted mucociliary clearance studies in collaboration with University of Bern and Karolinska Institute in Stockholm.

Research Interests

Deposition and Distribution of inhaled Aerosols in the human respiratory tract and the effect of inhaled aerosols on the lungs and respiratory airways. Mucocilliary Clearance mechanisms in the Airways. Drug Delivery to the Human Lungs to treat pulmonary diseases especially rare and severe diseases like severe asthma, Cystic Fibrosis, Alveolar Proteinosis, Pulmonary Arterial Hypertension, Severe Asthma etc.

Dr. Gerhard Scheuch has published over 160 scientific articles and book chapters on aerosol and lung research. Most recently he was a member of a committee at the EMA (European Medical Agency) to develop guidelines on orally inhaled products (OIP-Guideline) and he was a member of the expert panel of the EMA until 2018. He also published a series of 8 Books: Aerosole in der Inhalations-therapie I – IIX (Dustri Verlag, Germany 1996 - 2004)

In 2020 and 2021 he was active in COVID 19 pandemic, by consulting several institutions including the RKI in Germany and gave a number of interviews on the airborne transmission of SARS CoV 2. He published a paper on: *Breathing is enough - For the Spread of Influenza Virus and SARS-CoV-2 by Breathing Only*

In 2021 he started a Podcast: Open Air statt Ausgangssperre – Dr. Scheuch's Aerosol ABC

Education and Scientific Track Record

1992 – 1998	Scientist and Senior Scientist Helmholtz Center for Health and Environment in Munich
1996	Visiting Professor at the University of North Carolina at Chapel Hill (USA) Studies on Mucocilliary Clearance
1988 – 1992	PhD at the GSF National Research Center for Environment and Health: 'Dispersion, Deposition and Clearance of Aerosol Particles in the Human Airways'
1984 – 1988	Studies in Physics at the Johann Wolfgang Goethe University Frankfurt am Main
1976 – 1980	Studies in Physical Engineering at FH- Wiesbaden/Ruesselsheim

Society Appointments and Awards

2009 – 2011	President of ISAM (International Society of Aerosols in Medicine)
1999 – 2013	Member of the Board of ISAM (International Society of Aerosols in Medicine)
1996	Founder of the German Pulmonary Drug Delivery Seminars (Deutsches Aerosol Therapie Seminar (DATS))
1992	Thomas T Mercer Award of the American Association of Aerosol Research (AAAR)
2017	Jurai Ferin Award of the International Society for Aerosols in Medicine (ISAM)
2021	Fellow of ISAM Award of the International Society for Aerosols in Medicine (ISAM)