

## ANTIBODIES INSTEAD OF ANTIBIOTICS TO KILL BACTERIA - EXPERIENCE WITH ANTI-PSEUDO IGY WITH CYSTIC FIBROSIS PATIENTS

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**T**here is an increasing prevalence of antibiotic resistant bacteria. This makes traditional antibiotics less effective. More than 25000 people in Europe die each year from infections of resistant bacteria. This emphasizes the need to find alternatives to antibiotics. The drug should fight infections, it should not give resistant bacteria or viruses, it should be easy to scale up and it should be cheap. Such a drug exists. Avian antibodies from immunized hens act as strong weapons against a series of common infections. Hence these can be used either as a complement or an alternative to antibiotics. It is high time for health authorities, pharmaceutical companies, physicians, and researchers etc., to be involved in the fight against infectious diseases by joining this strong pull for avian antibodies-IgY. Clinical studies are carried out including use of IgY will diminish the development of antibiotic resistant microbes.

### Biography

Hans Kollberg is Professor emeritus, Pediatrics, Children's University Hospital, Uppsala. He has a Specialization in Pediatrics from Swedish Medical Board in 1966. He holds a Medical Doctors Degree (MD) in Pediatrics from Uppsala University, Sweden 1961. He started his career as Staff Physician, Good Samaritan Hospital, Phoenix, Arizona during 1959-1966. He extended his service as a Director of the CF Center, University Hospital, Uppsala in 1968-1982 and Umea in 1985-1999. He was Professor at the University of Kuwait during 1982-1985. He has been a recipient of many awards and grants. He is the Founder of the Swedish Cystic Fibrosis Association. His research experience includes various programs, contributions and participation in different countries for diverse fields of study. His research interests as a Research Scholar reflect in his wide range of publications in various national and international journals.

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