

February 28, 2022 – Enevold Falsen, civ.ing., Microbiologist, Dr. (h.c., University of Gothenburg), passed from this life on January 4, 2022 in Gothenburg, Sweden, after protracted illness. Trained as a Research Engineer (NTH, Norway Technical University, 1962-1965), Enevold had a long and eventful career in microbiology and public health. Enevold worked in the Clinical Bacteriology Laboratory of the Sahlgrenska University Hospital (1965-2004) in Gothenburg, analysing bacterial strains from hospital samples. Enevold developed protocols for the identification of bacteria and started assembling clinical isolates from the hospital and clinical wards to build a collection of reference strains for improving the diagnostics of infectious diseases. This led to Enevold founding the Culture Collection University of Gothenburg (CCUG; www.ccug.se) in 1968; Enevold was the first CCUG Curator (1968-2004). He developed accord with the Directors of the Clinical Bacteriology Laboratory at the Hospital, Professors Gösta Vahlne, Bertil Kaijser, Lars Edebo and Peter Larsson, and with colleagues at the University,



including Professor Örjan Uchterlony, Professor of Medical Microbiology, and Professor Tomas Bergström at the Department of Infectious Diseases, all of whom recognized the value of the CCUG to the Hospital and the University and strongly supported Enevold's efforts and the evolution of the CCUG. Enevold insured the survival and continuity of the CCUG for 36 years, through departmental changes and budget pressures, and built the Collection into an internationally renowned repository for microbial strains, with a focus on bacteria of clinical relevance. The CCUG was established as a national Reference Laboratory, supported by the State Bacteriological Laboratory (SBL, now Folkhälsomyndigheten). As a highlight in the history of the CCUG, Enevold, Bertil Kaijser and colleagues welcomed Professor Barry Marshall, Nobel Prize Laureate, who requested to visit the CCUG, when he travelled to Sweden in 2005 to receive the Nobel Prize in Physiology or Medicine. Years before, Enevold had accessioned in the CCUG the strains of *Helicobacter pylori* that Marshall and Robin Warren had used for the famous experiments that established the basis for awarding the Nobel Prize. Enevold was innovative in microbial systematics and identification, adopting a broad range of methods for analysing bacteria. He worked with Professor Uchterlony to adapt the acclaimed Uchterlony double immuno-diffusion method to microbial identification and he applied multi-locus enzyme electrophoresis (MLEE) and DNA-PAGE analyses of protein and nucleic acid "fingerprinting" for species- and strain-level characterization. Enevold was an early proponent of numerical taxonomy, working with the colleagues of the CCUG and Anders Malmberg at the Hospital Substrate Department to exploit metabolic and other phenotypic features for bacterial identification. He used cell fatty-acid chemotaxonomy and volatile fatty acid analyses for difficult-to-identify bacterial taxa. At an early stage, he recognized the importance of DNA sequence analyses for elucidating the phylogenetic and taxonomic relationships of bacteria and first contacted me in 1992 to analyse bacteria by DNA sequencing, several years before DNA sequencing was common in microbiology labs! Enevold built a tremendous network of collaborators to work with him on solving taxonomic problems. Enevold was co-author on more than 250 peer-reviewed publications and continued publishing with colleagues on novel bacterial taxa for many years after his retirement in 2004. Enevold remained active in microbiology, continuing to work with and guide the CCUG, tirelessly maintaining databases that he enjoyed developing for the identification of microorganisms; it was not unusual to receive e-mails from Enevold for updating the CCUG databases hours after midnight!

Enevold Falsen was born on the 3rd of June 1935 in Stavanger, Norway, son of Conrad Møller Falsen and Martha Dahm Börs, he was husband to Geneviève Falsen Vallée, father of Isabelle Falsen, Astrid Skiffard and Béatrice Falsen, with eleven grandchildren and six great-grandchildren. He is remembered and respected by current and former co-workers at the CCUG (Anders, Marie, Christina, Eva, Beda, Gun, Genevieve, Elisabeth, Maria, Christina, Susanne, Sofia, Kent, Liselott, Edward and many others) and by colleagues in Gothenburg and throughout Sweden, as well as internationally. A memorial service was held for him on January 21 at the Fassbergs Chapel in Mölndal; his body was interred in Belloy-Saint-Léonard, France. Remembrances may be made in the name of Enevold Falsen to the Cancer Foundation (Cancerfonden, The Swedish Cancer Society; www.cancerfonden.se/om-oss/about).

Edward Moore, PhD, 2nd Curator of the CCUG