

Knud Erik Bach Knudsen is professor in Basic Nutrition at Aarhus University, Department of Animal and Veterinary Sciences, Denmark. For more than 35 years, Knud Erik Bach Knudsen has been working with different aspects of carbohydrates and phytochemicals. Working areas have been to develop new analytical methods for the characterisation of carbohydrates in feeds, foods and digesta materials, analyses of carbohydrates in a wide variety of feedstuffs, studies on nutritional and physiological properties of carbohydrates particularly in pigs but also in other non-ruminant species, and investigations of the role of carbohydrates in prevention of digestive disturbances and establishment of parasites in pigs. In recent years Knud Erik Bach Knudsen have also been involved in cross-specie projects related to nutrition and health properties of carbohydrates and phytochemicals.

After completing his Ph.D., Knud Erik Bach Knudsen worked at the Carlsberg Research Centre and The Royal Veterinary and Agricultural University, Copenhagen before joining the Danish Institute of Agricultural Sciences; from 2007 Aarhus University. He has been author and co-author of more than 282 papers in peer-reviewed journals and 114 books and proceedings. The papers have mainly been related to analytical, nutritional, physiological and health aspects of carbohydrates and phytochemicals.