



Baukje de Roos University of Aberdeen, United Kingdom

Professor Baukje de Roos is an internationally recognized nutrition scientist and Deputy Director of the Rowett Institute at the University of Aberdeen, United Kingdom. She obtained her PhD degree at Wageningen University, the Netherlands. Her research program assesses novel mechanisms through which dietary fatty acids (such as omega-3 fatty acids) and plant polyphenols affect the development of major chronic diseases, such as cardiovascular disease, and resilience to disease development. This is achieved not only by measuring their effect on validated risk markers but also by assessing their effect on novel biomarkers that are currently being identified through nutrigenomics technologies. Her current Scottish Government-funded research program investigates the effects of farmed seafood on heart health and micronutrient status, applying state-of-the-art tools for self-assessment of status and health.

Her expertise in the area of diet and health has formed the basis of significant contracts and consultancies with various large food companies (Stephan Nutrition, Cognis, MacPhie of Glenbervie, Provexis, Kelloggs), food levy boards (Seafish), the food and drink support sector (Food and Drink Innovation Service), and national UK television (Channel 4's Food Hospital and Superfood Series).

She is the CEO of the International Nutrigenomics Organisation (NuGO), a network of over 25 Universities and Research Institutes across the globe, focusing on jointly developing the research area of nutrigenomics, molecular nutrition and personalised nutrition.