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Host resumé

Susan Coort is working as an assistant professor at the department of Bioinformatics-BiGCaT, NUTRIM School of Nutrition and Translational Research in Metabolism, Maastricht University. After completing her study in Health Sciences at Maastricht University with a special interest in Molecular Biology and Nutrition, she started her PhD project at the departments of Molecular Genetics and Physiology under the supervision of Prof. Jan Glatz, Prof. Ger van der Vusse and dr. Joost Luiken. Here, she investigated the regulation of energy metabolism in cardiomyocytes during the development of type 2 diabetes mellitus. During her PhD project she visited the lab of Prof. Arend Bonen at Waterloo University in Canada. In June 2005 she defended her PhD and obtained both a NWO "Talent" postdoctoral fellowship and an ICP "Haas-Teichen" postdoctoral fellowship, to continue her work at the Christian de Duve Institute of Cellular Pathology (ICP) at the Catholic University of Louvain, Brussels, Belgium, under the supervision of Prof. Louis Hue. In 2007, Susan joined the Bioinformatics-BiGCaT group as a postdoctoral fellow and was involved in the European Nutrigenomics Network of Excellence (NuGO). Within NuGO she analyzed various nutrition-related transcriptomics datasets and was involved in the organization of a yearly course on advanced analysis of microarray data.

At the moment her main research interest is the understanding of complex biological data using sophisticated Integrative Systems Biology approaches. These approaches involve both Pathway Analysis and Network Biology. Her research fields of interest are Diabetes and Nutrition with a special interest in the micronutrient Vitamin D. In addition to her research she is teaching in several courses within Biomedical Sciences at Maastricht University.