

Life Science Seminar Series



Wednesday May 16, 2018
13.15 - 14.00 in Hörsal M
Örebro University

The retinoid system and toxicology testing needs

Professor Helen Håkansson
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Host: Per-Erik Olsson

Professor Håkansson's research generates data, which is used to support national and international health risk assessment work in the areas of persistent organic pollutants and other hazardous chemicals. The studies aim to clarify the molecular mechanisms of action, identify critical effects and effect levels, and to establish safe exposure levels for humans. Such knowledge is needed to develop specific and sensitive effect- and exposure markers, which in turn, can be used to improve the possibilities to establish causal relationships in human studies, and to develop specific and sensitive test methods within the health based risk and safety control of various categories of chemicals. The experimental research focuses on receptor-mediated toxicity and its consequences on hormonal and metabolic pathways.