



Bioaccumulation in benthic oligochaetes

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- The presentation will give an overview of the test methodology described in OECD guideline 315.
- Examples of results from such studies using *Lumbriculus variegatus* will be presented.
- Studies of this type are rarely required for regulatory purposes. Therefore, the database as well as experience in application of the results from oligochaete bioaccumulation for regulatory purposes are limited compared to BCF studies with fish. Few approaches are available to categorise oligochaete biota (sediment) accumulation factors (B(S)AF).
- Short term measures should include the development of evaluation criteria and the definition of critical BSAF values for risk assessment (establishment of trigger values).
- The database for BSAF related data of sediment-associating chemicals should be increased.