

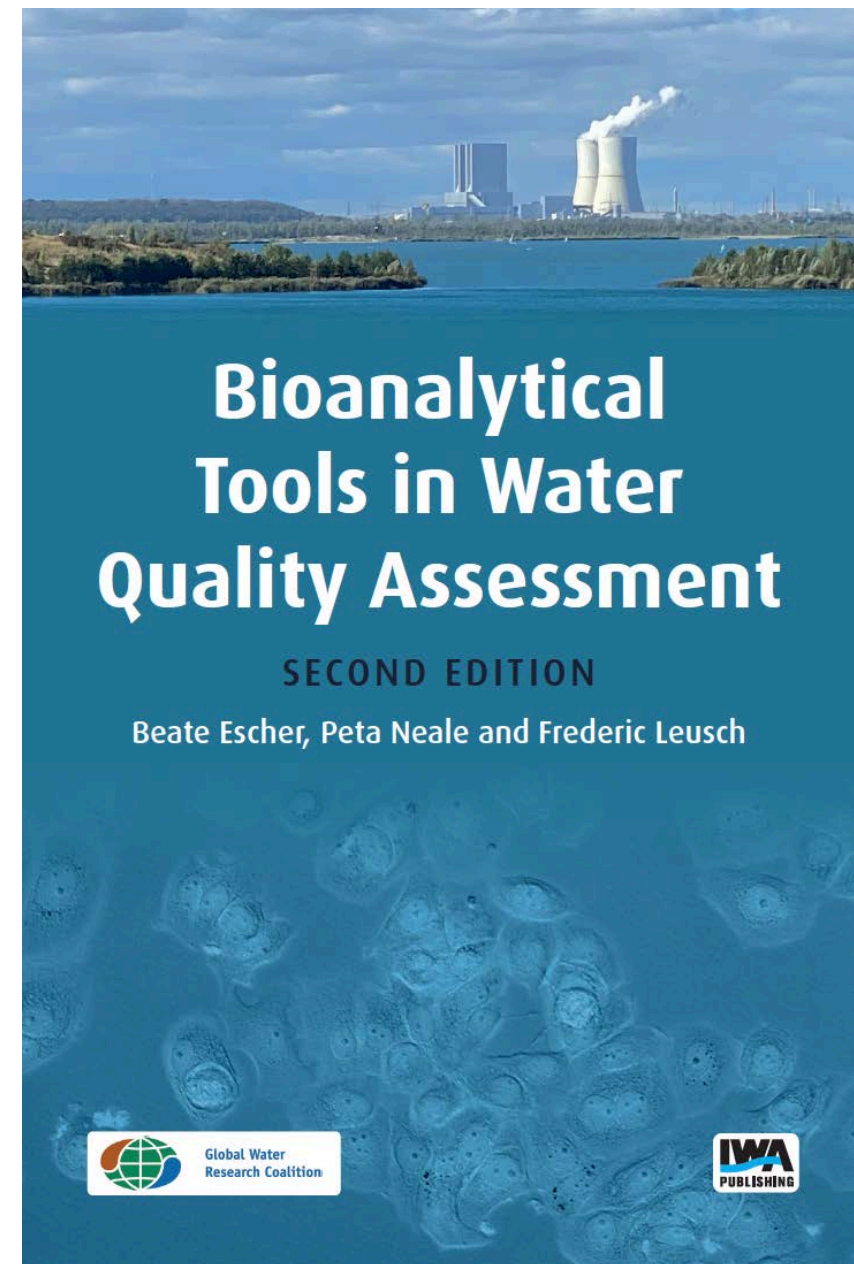
# Chapter 4

XXX

This presentation accompanies Chapter 4 of  
“Bioanalytical Tools in Water Quality Assessment”  
<https://www.iwapublishing.com/books/9781789061970/bioanalytical-tools-water-quality-assessment-2nd-edition>

Exercises can be found at [www.ufz.de/bioanalytical-tools](http://www.ufz.de/bioanalytical-tools)

Questions? please send an e-mail to [bioanalytical-tools@ufz.de](mailto:bioanalytical-tools@ufz.de)



# Learning goals

- XXX

# Baseline toxicity

- Minimum toxicity of every compound
- Anchor for the evaluation of specific effects
- Successful concept for the evaluation of aquatic toxicity

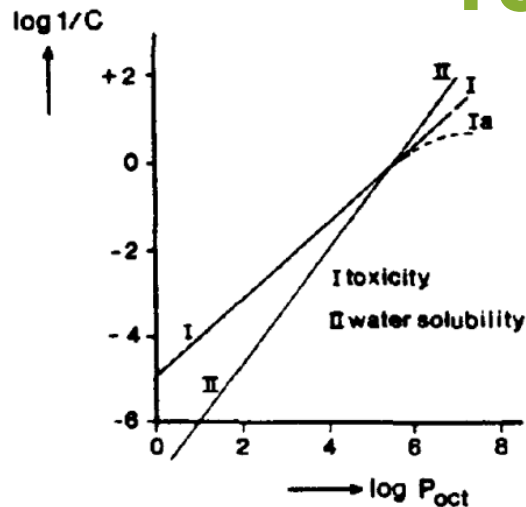
*Toxicology*, 19 (1981) 209–221  
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## QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS IN FISH TOXICITY STUDIES

### PART 1: RELATIONSHIP FOR 50 INDUSTRIAL POLLUTANTS

HANS KÖNEMANN\*

1981



## RESIDUE-BASED INTERPRETATION OF TOXICITY AND BIOCONCENTRATION QSARS FROM AQUATIC BIOASSAYS: NEUTRAL NARCOTIC ORGANICS

L.S. McCARTY,\*† D. MACKAY,‡ A.D. SMITH,§

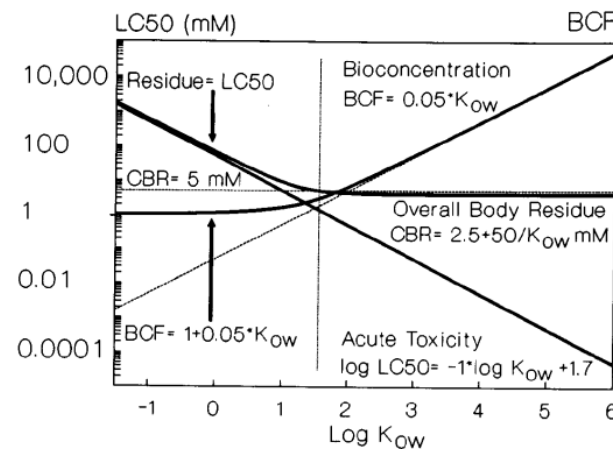
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1991



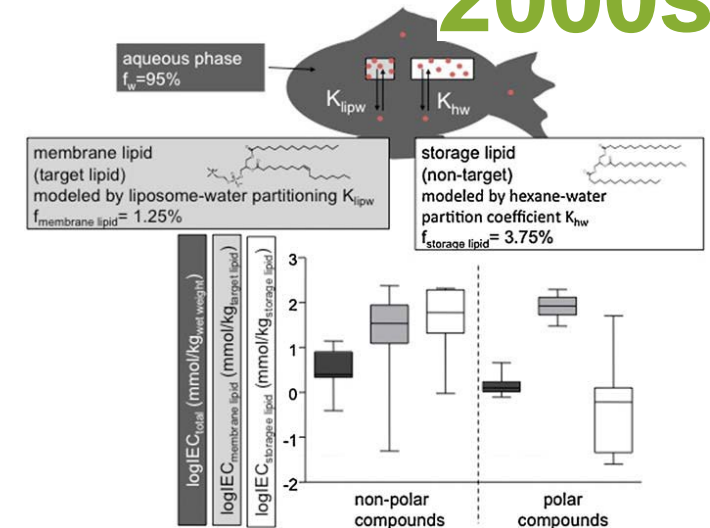
28

Integrated Environmental Assessment and Management — Volume 7, Number 1 — pp. 28–49  
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## Crucial Role of Mechanisms and Modes of Toxic Action for Understanding Tissue Residue Toxicity and Internal Effect Concentrations of Organic Chemicals

Beate I Escher,\*†,‡ Roman Ashauer,† Scott Dyer,§ Joop LM Hermens,|| Jong-Hyeon Lee,# Heather A Leslie,†† Philipp Mayer,‡‡ James P Meador,§§ and Michael SJ Warne|||

2000s



# Chapter 4

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