



EFSA Scientific Colloquium XVII

on low dose response in toxicology and risk assessment

Introduction: Dr. Robert Luttik - RIVM

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Biologist / ecotoxicologist mainly involved with pesticides

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Colloquium = dialogue, conversation

I would like to suggest that a colloquium is the right place to step outside our boxes and to discuss the topics in an open way.

We are all from different scientific disciplines.

This could imply that we misunderstand each other even by using the same words.

It is not necessary to achieve consensus

**It would be nice to have an over view of data gaps,
conclusions and recommendations for future activities**

Overall aim of this colloquium:

Low Dose Effects – Impact on Risk Assessment

Need for scientifically-based decisions regarding the adverse nature of effects seen at low doses

Does the classical risk assessment paradigm hold for non-monotonic dose responses?

Need for new risk assessment approaches?

SESSION 1: INTRODUCTORY PLENARY SESSION

SESSION 2: DISCUSSION GROUPS

- **Nature of an effect: adverse or non-adverse?**
- **Dose response relationships**
- **Low dose effects is there sufficient evidence for non-monotonic dose response curves?**
- **Impact for risk assessment**

SESSION 3: CONTINUATION OF DISCUSSION GROUPS

SESSION 4: FINAL PLENARY SESSION



Thanks !