



LRI 2015 WORKSHOP

“Non-animal based safety assessment:
within reach or over-sold?”

Welcome and outline

Chair: Dr Stuart Marshall, Unilever



LRI 2015 Workshop outline
**“Non-animal based safety assessment:
within reach or over-sold?”**



- 1. LRI Award dinner talk session (yesterday)**
- 2. Welcome and outline /
LRI long-term challenges refocus**
- 3. Plenary session: LRI projects impact with focus on
environmental risk assessment, bioconcentration,
chemo-informatics, exposure modelling, skin
sensitisation, and acceptance of innovation**
- 4. Panel discussion: “Non-animal based safety
assessment: within reach or over-sold? Do we
need to set back expectations?”**

LRI Research Areas



- Intelligent testing
- Complex environments
- Acceptance of technologies
- Policy impact

Long-term challenges (<10 yr):

7 key questions

Executing the long-term refocus of the LRI Key questions (< 10y)



1. **Omics / 21st Century Toxicology:** How to link information at molecular level to health impacts and interpreting results for meaningful decision making?
2. **Predictive tools for health impact:** What are pragmatic approaches for reducing complexity, whilst maintaining robust predictions of health effects?
3. **Combination effects:** How to identify combination effects scenarios of concern?
4. **Eco-systems approach:** Which new concepts enhance ecological relevance of risk assessment?
5. **Real life Exposure:** Which predictive, validated exposure scenarios apply to assessing environmental stressors?
6. **Comparative assessment:** How to interpret impact of health and environmental stressors?
7. **Risk/benefit approaches:** Can we understand societal drivers for public acceptance of innovation?



Thanks!