

Phenomenological risk assessment of sporadic listeriosis outbreaks

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Problems of Risk Assessment

- **Missing link between exposition and disease :**
Dose-response (d-r) relation unknown
- **Reason:**
volunteer feeding studies not feasible

but: sick consumers as “involuntary volunteers“

No need for knowing d-r, if risk should not be managed:

PRIMARY INTEREST: POSSIBLE DAMAGE

SECONDARY INTEREST: CAUSE OF DAMAGE