# Biologic monitoring

# EXPOSURE – DISEASE MODEL

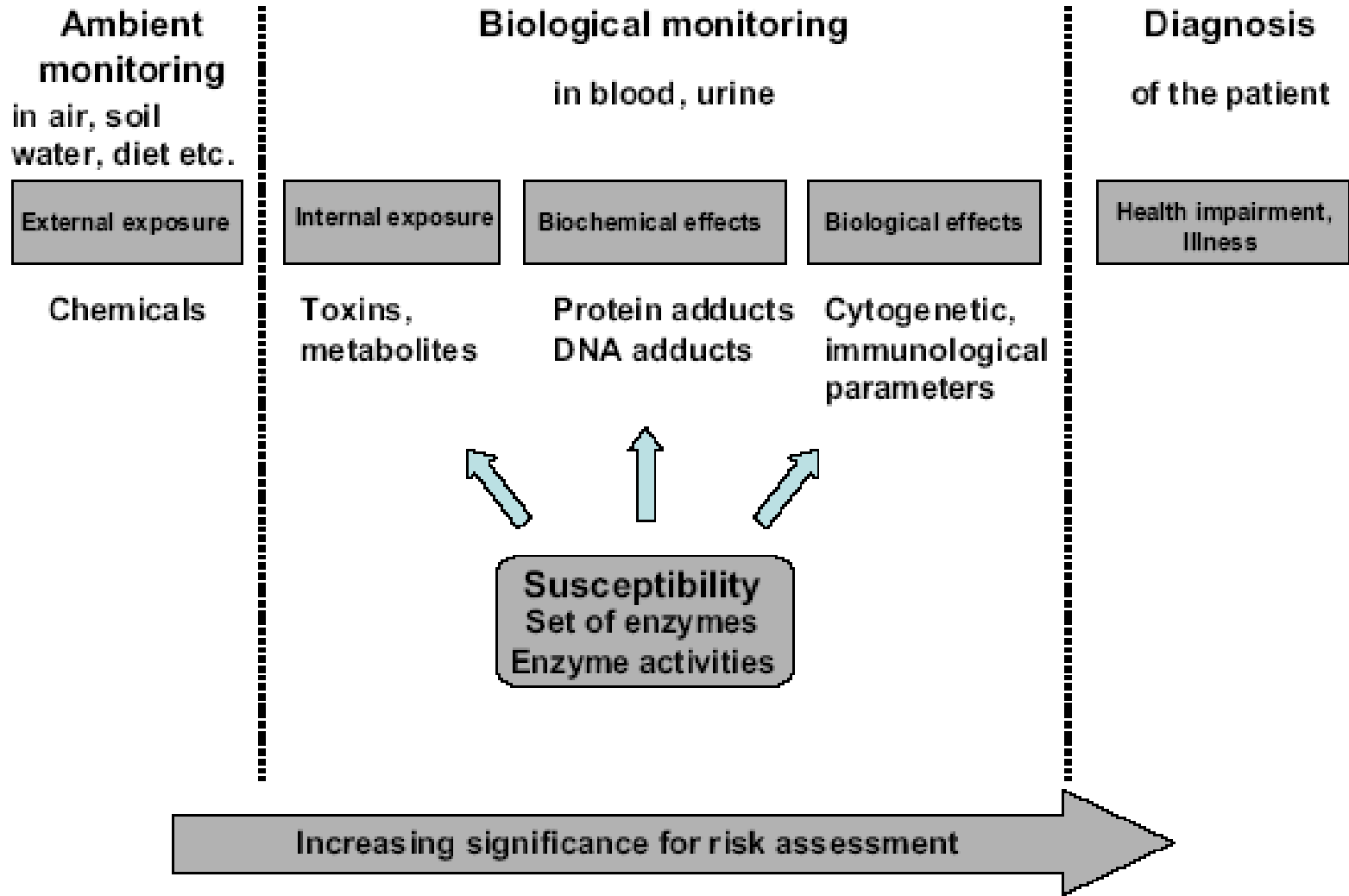◆ **1. substance in medium** (Measure levels)

⬇ ?

◆ **2. Internal Dose** (Biologic monitoring
⬇ ? of exposures)

◆ **3. Biologic Effect** (Biologic monitoring
⬇ ? of effect)

◆ **4. Clinical Disease** (Diagnosis & Rx)

1. Scheme of ambient and biological monitoring (modified acc. DFG, 2002; Angerer and Gündel,

Angerer-et al.,2006