

# Treating children is not just like treating small adults

- **Off-label prescriptions:** Many treatments for children are off-label, lacking pediatric-specific trials and formulations.
- **Dosage and exposure:** The difference in anatomy and physiological functions, like nasal development, gastrointestinal motility, and pH, impact drug absorption, distribution, metabolism, and excretion.
- **Different responses:** Age-related changes influence drug pharmacokinetics, requiring age-specific dosages.
- **Pharmacovigilance:** The lack of reliable data in the pediatric population leads to specific challenges, including limited safety data and issues with dosing.

These aspects underscore the need for pediatric-specific research and development in pharmaceuticals.

