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## Pharmacometric Modeling and Simulation Is Essential to Pediatric Clinical Pharmacology

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Journal of Clinical Pharmacology, 2018, 58 Suppl 10, S73-S85.

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11	Population pharmacokinetics of amikacin in patients with pediatric cystic fibrosis. <i>Pediatric Pulmonology</i> , <b>2019</b> , 54, 1801-1810	3.5	3
10	Population pharmacokinetic modeling to facilitate dose selection of tapentadol in the pediatric population. <i>Journal of Pain Research</i> , <b>2019</b> , 12, 2835-2850	2.9	6
9	What Does it Take to Make Model-Informed Precision Dosing Common Practice? Report from the 1st Asian Symposium on Precision Dosing. <i>AAPS Journal</i> , <b>2019</b> , 21, 17	3.7	14
8	Clinical Applications of Physiologically Based Pharmacokinetic Modeling: Perspectives on the Advantages and Challenges. <i>Therapeutic Drug Monitoring</i> , <b>2020</b> , 42, 157-158	3.2	4
7	Dose Optimization in Kidney Disease: Opportunities for PBPK Modeling and Simulation. <i>Journal of Clinical Pharmacology</i> , <b>2020</b> , 60 Suppl 1, S36-S51	2.9	2
6	Model-Informed Pediatric Drug Development: Application of Pharmacometrics to Define the Right Dose for Children. <i>Journal of Clinical Pharmacology</i> , <b>2021</b> , 61 Suppl 1, S52-S59	2.9	0
5	Model-Based Approach for Optimizing Ceftobiprole Dosage in Pediatric Patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65, e0120621	5.9	1
4	Introduction to dynamical systems analysis in quantitative systems pharmacology: basic concepts and applications. <i>Translational and Clinical Pharmacology</i> , <b>2020</b> , 28, 109-125	2	0
3	Ontogeny of Scaling Factors for Pediatric PBPK Modeling and Simulation: Microsomal Protein Per Gram of Liver. <i>Drug Metabolism and Disposition</i> , <b>2021</b> ,	4	0
2	Optimizing ganciclovir and valganciclovir dosing regimens in pediatric patients with cytomegalovirus infection: a spotlight on therapeutic drug monitoring. 1-13		0
1	Pharmacometrics: A New Era of Pharmacotherapy and Drug Development in Low- and Middle-Income Countries. <b>2023</b> , 2023, 1-10		0