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Virtual patient populations for quantitative pharmacology with its application in antibiotic treatment optimization

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Contents

1	General introduction and outline	1
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I Virtual patient population generation

2	Tutorial: Copulas for covariate simulation in R	13
3	Generation of realistic virtual adult populations using a model-based copula approach	47
4	Joint distribution modelling of hepatic drug metabolizing enzymes and transporters expression for PBPK-driven virtual patient simulation	75

II Virtual patient in antimicrobial analysis

5	Pharmacodynamic modeling of colistin and imipenem against <i>in vitro</i> <i>Pseudomonas aeruginosa</i> biofilms	105
6	Spatial pharmacokinetic and pharmacodynamic modeling in airway mucus	139

III Discussion and summary

7	General discussion and summary	177
8	Nederlandse samenvatting	191

Appendices

Curriculum vitae	198
List of publications	199
Acknowledgements	201