

Publications by Rik Schoemaker

Key publications

- R.C. Schoemaker and A.F. Cohen. Estimating impossible curves using NONMEM. *Br J Clin Pharmacol* (1996) 42:283-290.
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- R. C. Schoemaker, J.M.A. van Gerven and A. F. Cohen. Estimating potency for the Emax-model without attaining maximal effects. *J Pharmacokinet Biopharm* (1998) 26:5 581-593.
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- R. C. Schoemaker, M. M. J. van der Vorst, I. Ruijs-Dudok van Heel, A. F. Cohen, J. Burggraaf. Development of an optimal furosemide infusion strategy in infants with modeling and simulation. *Clin Pharmacol Ther* (2002) 72:383-390.
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- Zoethout RWM, van Gerven JMA, Dumont GJH, Paltansing S, van Burgel ND, van der Linden M, Dahan A, Cohen AF, Schoemaker RC. A comparative study of two methods for attaining constant alcohol levels. *Br J Clin Pharmacol*. 2008; 66 (5), 22–29.
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- Schoemaker R, Wade JR, and Stockis A. Brivaracetam Population Pharmacokinetics and Exposure-Response Modeling in Adult Subjects with Partial-Onset Seizures. *J Clin Pharmacol*. 2016 May 5. doi: 10.1002/jcph.761. [Epub ahead of print]

PhD Thesis

- H.C. Schoemaker. Modelling repeated measurements in clinical pharmacology; from individual to population and back. PhD Thesis, Leiden University (1999).

Abstracts at the PAGE conference

- Rik Schoemaker, Armel Stockis. Extrapolation of a Brivaracetam Exposure-Response Model from Adults to Children. *PAGE 25* (2016) Abstr 5752 [www.page-meeting.org/?abstract=5752]
- Rik Schoemaker, Satyaprakash Nayak, William S. Denney, E. Niclas Jonsson, Mats O. Karlsson, Lutz O. Harnisch. Modelling and simulation of neurological endpoints (modified Rankin Scale [mRS] and National Institute of Health Stroke Scale [NIHSS]) to aid clinical trial design in intracerebral hemorrhage (ICH). *PAGE 25* (2016) Abstr 5905 [www.page-meeting.org/?abstract=5905]

- Julia Winkler, Rik Schoemaker, Armel Stockis. Population pharmacokinetics of lacosamide to support intravenous dose adaptation in children with epilepsy. PAGE 25 (2016) Abstr 6034 [www.page-meeting.org/?abstract=6034]
- Rik Schoemaker, Armel Stockis. PK/PD modeling of brivaracetam in epilepsy using daily seizure counts. PAGE 24 (2015) Abstr 3559 [www.page-meeting.org/?abstract=3559]
- Rik Schoemaker, Armel Stockis. Scaling brivaracetam pharmacokinetic parameters from adult to pediatric epilepsy patients. PAGE 22 (2013) Abstr 2674 [www.page-meeting.org/?abstract=2674]
- Rik Schoemaker, Armel Stockis. Modelling and simulation of spontaneously reported adverse events after administration of lacosamide. PAGE 21 (2012) Abstr 2380 [www.page-meeting.org/?abstract=2380]
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