

# 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.  
([http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2042675/pdf/bcp\\_0423.pdf](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2042675/pdf/bcp_0423.pdf))
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- R.C. Schoemaker, M.M. Buijs, H. Pijl, J. Burggraaf and A.F. Cohen. Modeling the influence of Growth Hormone in lipolysis. *J Pharmacokinetic Pharmacodyn* (2002) 29:2 157-170.
- 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, Stockis A. Brivaracetam population pharmacokinetics in children with epilepsy aged 1 month to 16 years. *Eur J Clin Pharmacol*. 2017 Jun;73(6):727-733.
- Schoemaker R, Wade JR, Stockis A. Extrapolation of a Brivaracetam Exposure–Response Model from Adults to Children with Focal Seizures. *Clin Pharmacokinetic* (2017).  
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- Schoemaker R, Wade JR, D'Souza J, Stockis A. Evaluation of brivaracetam efficacy as monotherapy in adult patients with focal seizures. *Epilepsy Research* (2017) 137:95-100.

## 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, Matt Fidler, Yuan Xiong, Justin Wilkins, Mirjam Trame, Christian Laveille, Wenping Wang. nlmixr: an open-source package for pharmacometric modelling in R. PAGE 26 (2017) Abstr 7102 [[www.page-meeting.org/?abstract=7102](http://www.page-meeting.org/?abstract=7102)]
- 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](http://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](http://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](http://www.page-meeting.org/?abstract=6034)]
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- 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](http://www.page-meeting.org/?abstract=2380)]
- Christian Laveille, Rik Schoemaker, Armel Stockis. Use of an exposure-response model for lacosamide in adults with partial onset seizures to analyze preliminary data from a pediatric trial. PAGE 21 (2012) Abstr 2381 [[www.page-meeting.org/?abstract=2381](http://www.page-meeting.org/?abstract=2381)]
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- Rik Schoemaker, Adam Cohen. Estimation of Kinetic/Dynamic Curves With Insufficient Information for Each Individual Using Non-Linear Mixed Effect Modelling. PAGE 4 (1995) Abstr 639 [www.page-meeting.org/?abstract=639]

#### **All publications (full papers only)**

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