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## **WORK EXPERIENCE**

- 2013-now **Utrecht University, Utrecht (NL)**  
Post-doc researcher at Dept. of Clinical Pharmacology &  
Pharmacoepidemiology and Dept. of Innovation Sciences
- 2012-13 **University Medical Center Groningen, Groningen (NL)**  
Post-doc researcher at Dept. of Clinical Pharmacology
- 2007-12 **Eindhoven University of Technology, Eindhoven (NL)**  
Ph.D. candidate in Economics of Innovation  
Dissertation: "Science in an age of globalisation"  
Supervisors: Prof.dr. K. Frenken & Prof.dr. R. Boschma
- 2007-12 **Utrecht University, Utrecht (NL)**  
Research fellow at the Dept. of Economic Geography
- 2011 **University of Sussex, Brighton (UK)**  
Visiting scholar at the Science Policy Research Unit (SPRU)
- 2006-07 **Netherlands Institute for Spatial Research, the Hague (NL)**  
Junior researcher

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## **EDUCATION**

- 2001-07 **Utrecht University, Utrecht (NL)**  
Research Master in Human Geography and Planning [**cum laude**]  
Bachelor of science in Human Geography and Planning

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## **RESEARCH INTERESTS**

Science, Technology & Innovation studies; Drug development;  
Regulatory Science; Pharmaceutical Regulation; Science policy;  
Evidence-Based Medicine; Geography; Globalisation;  
Collaboration Networks; Science policy; Publication bias

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## PUBLICATIONS

### PEER REVIEWED

- 1 Hoekman J, Lambers Heerspink HJ, Viberti G, Green D, Mann JFE, de Zeeuw D (2014) Predictors of congestive heart failure after treatment with an endothelin receptor antagonist: a post-hoc analysis of the Avosentan on time to doubling of Serum Creatinine, ENd stage renal disease or Death (ASCEND) trial, *Clinical Journal of the Association of Nephrology*, 9 (3): 490-498. (link)
- 2 Smink PA, Hoekman J, Grobbee DE, Eijkemans EC, Parving H-H, Ibsen H, Lindholm L, Wachtell K, de Zeeuw D, Lambers Heerspink HJ (2014) A prediction of the renal and cardiovascular efficacy of aliskiren in ALTITUDE using short term changes in risk markers. *European Journal of Preventive Cardiology*, 21 (4): 434-444. (link)
- 3 Schievink B, Heerspink HJL, Leufkens H, de Zeeuw D, Hoekman J (2014) The use of surrogate endpoints in regulating medicines for cardio-renal disease: opinions of stakeholders. *PLoS ONE*, 9(9), 108722. (link)
- 4 Rafols I, Hopkins M, Hoekman J, Siepel J, O'hare A, Perianes-Rodriguez A, Nightingale P (2014) Big Pharma, Little Science? A bibliometric analysis on Big Pharma's R&D decline. *Technological Forecasting and Social Change*, 81: 22-38. (link)
- 5 Smink PA, Miao Y, Eijkemans MJC, Bakker SJL, Raz I, Parving HH, Hoekman J, Grobbee DE, De Zeeuw D, Heerspink, HL (2014) The importance of short-term off-target effects in estimating the long-term renal and cardiovascular protection of angiotensin receptor blockers. *Clinical Pharmacology & Therapeutics*, 95(2), 208-215. (link)
- 6 Hoekman J, Scherngell T, Frenken K, Tijssen RJW (2013) Acquisition of European research funds and its effect on scientific publications. *Journal of Economic Geography*, 13: 23-51. (link)
- 7 Hoekman J, Frenken K, de Zeeuw D, Lambers Heerspink HJ (2012) The geographical distribution of leadership in globalized clinical trials. *PLoS ONE*, 7(10), e45984. (link)
- 8 Vinciguerra S, Frenken K, Hoekman J, van Oort FG (2011) European infrastructure networks and regional innovation in science-based industries. *Economics of Innovation and New Technology*, 20(5): 517-537. (link)
- 9 Hoekman J, Frenken K, Tijssen RJW (2010) Research collaboration at a distance: changing spatial patterns of scientific collaboration in Europe. *Research Policy*, 39(5): 662-673. (link)

- 10 Hoekman J, Frenken K, van Oort, FG (2009) The geography of collaborative knowledge production in Europe. *The Annals of Regional Science*, 43(3): 721-738. (link)
- 11 Frenken K, Hardeman S, Hoekman J (2009) Spatial scientometrics: towards a cumulative research program. *Journal of Informetrics*, 3(3): 222-232. (link)
- 12 Frenken K, Hoekman J (2006) Convergence in an enlarged Europe: the role of network cities. *Journal of Economic and Social Geography (TESG)*, 97(3): 321-326. (link)

#### **BOOK CHAPTERS**

- 13 Frenken K, Hoekman J (2014) Chapter 5: Spatial Scientometrics and scholarly impact: a review of recent studies, tools and methods. In: Ding Y, Rousseau R, Wolfram D (Eds.) *Measuring scholarly impact: Methods and practice* (pp. XXX-XXX). Cham: Springer.
- 14 Hoekman J, Frenken K (2013) Proximity and stratification in European research collaboration networks: a policy perspective. In: T. Scherngell (ed.), *The geography of networks and R&D collaborations*. (pp. 263-276). Cham: Springer.
- 15 Frenken K, Hoekman J, Kok S, Ponds R, Oort FG van, Vliet JC van (2009) Death of distance in science?: a gravity approach to research collaboration. In: A. Pyka, A. Scharnhorst (eds.), *Innovation networks: new approaches in modelling and analyzing*. (pp 43-57). Berlin: Springer

#### **MONOGRAPHS**

- 16 Hoekman J (2012) *Science in an age of globalisation: the geography of research collaboration and its effect on scientific publishing*. PhD Thesis, Eindhoven University of Technology, 224 p. (link)

#### **POLICY REPORTS**

- 17 Hoekman J, De Bruin ML, Boon WPC (2014) Use of the conditional marketing authorisation pathway for oncology medicines. *Improving the EU system for marketing authorisation: learning from regulatory practice*. (pp 46-51). Leiden: TI Pharma.
- 18 Hoekman J, Bouvy J, De Bruin ML (2014) Timing of submission, development status, and outcomes of paediatric investigation plans. *Improving the EU system for marketing authorisation: learning from regulatory practice*. (pp 52-57). Leiden: TI Pharma.
- 19 Hoekman J, Ebbers HC, Boon WPC (2014) Dealing with regulatory uncertainty around marketing authorisation. *Improving the EU*

*system for marketing authorisation: learning from regulatory practice.* (pp 72-83). Leiden: TI Pharma.

- 20 Frenken K, Hoekman J, Hardeman S (2010) The globalisation of research collaboration. *World social science report: knowledge divides.* (pp. 144-148). Paris: UNESCO. (link)
- 21 Hoekman J, Lambers Heerspink HJ (2010) The position of the Netherlands in conducting clinical drug trials. Advisory Report to Life Sciences Health. 35 p. (link)
- 22 Frenken K, Hoekman J, van Oort FG (2007) *Towards a European Research Area.* NAI Publishers: Rotterdam. 104p. (link)

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## **PRESENTATIONS**

### **ACADEMIC CONFERENCES**

- 2014 International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Taipei (TW)
- 2013 European Association for the Study of Diabetes, Barcelona (SP)
- 2012 Kidney Week, American Society of Nephrology, San Diego (USA)
- 2012 Dutch Medicines Days, Lunteren (NL)
- 2012 BRICK & LEI workshop on the organisation, economics and policy of Scientific research, Torino (IT)
- 2011 Strategy, Entrepreneurship & Innovation (SEI) doctorate consortium, Paris (FR)
- 2011 Atlanta Conference on Science & Innovation Policy, Atlanta (US)
- 2011 ZEW Conference on economics of innovation and patenting, Mannheim (DE)
- 2011 Dime final conference, Maastricht (NL)
- 2010 International conference on Science & Technology Indicators, Leiden (NL)
- 2010 International conference of the European Regional Science Association, Jönköping (SE)
- 2009 Modelling Science: Understanding, forecasting and communicating the science system, Amsterdam (NL)
- 2009 Science Policy Research Unit (SPRU) DPhil Day, Brighton (UK)
- 2008 Annual Conference of the American Association of Geographers, Boston (USA)

### **INVITED ACADEMIC SEMINARS & WORKSHOPS**

- 2014 Copenhagen Business School, Copenhagen (DK)
- 2011 Annual Meeting Netherlands Graduate Research School of Science, Technology & Modern Culture (WTMC), Amsterdam (NL)

- 2011 Science Policy Research Unit, University of Sussex, Brighton (UK).
- 2010 Nemo Meeting, University of Hohenheim, Hohenheim (DE)
- 2010 Utrecht University/Gent University Seminar, Gent (BE).
- 2009 Workshop on "Evaluating R&D collaboration networks in Europe". University of Bielefeld, Bielefeld (DE).

#### **INVITED STAKEHOLDER WORKSHOPS**

- 2014 European Federal Association of Pharmaceutical Industries & Associations (EFPIA), Brussels (BE)
- 2014 The Organisation for Professionals in Regulatory Affairs (TOPRA) / Drug Information Association (DIA), Brussels (BE)
- 2014 European Medicines Agency, London (UK)
- 2011 DG Research, European Commission, Brussels (BE)
- 2011 Rathenau Institute, The Hague (NL)
- 2009 JRC-IPTS, European Commission, Seville (ES)
- 2007 JRC-IPTS, European Commission, Seville (ES)

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#### **ORGANISATION OF WORKSHOPS**

- 2014 Expert Workshop "Towards a Learning System: How to Address Current Regulatory Challenges?", Utrecht, The Netherlands. Member of Organizing Committee.
- 2014 Expert workshop on "Biomarker-based modelling tools: safer drugs and faster development?" Amsterdam, The Netherlands. Member of Organizing Committee.
- 2012 Workshop on "Research, innovation and collaboration" Eindhoven, The Netherlands. Organiser.
- 2011 Workshop on "Geography of Science". Eindhoven, The Netherlands. Member of Organizing Committee.

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#### **MEDIA COVERAGE**

- 2014 *Scrip Regulatory Affairs*. 'Underused and misused': the EMA's accelerated assessment pathway'
- 2013 *Nature Medicine* 19: 523. 'Trial outsourcing on the rise: EMA report shows'
- 2012 *Nefarma&: Magazine of the Dutch Association of Pharmaceutical Companies*. 'Vertrouwen win je door het voortouw te nemen'.
- 2012 *EOS Magazine* on PhD Thesis.

- 2012 *Trouw*. 'Medicijnstudies nog steeds eenzijdig gepubliceerd'.
- 2012 *Volkscrant frontpage*. 'Publicatieplicht omzeild'.
- 2012 *BNR Newsradio* on PhD Thesis.
- 2010 *Nature News* on 'how physical proximity promotes high-impact science'.
- 2010 *Nature 467: 906-908*. 'Cities: building best cities for science'.

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## ACADEMIC COURSES

- 2014 Write an article and get it published, Utrecht (NL)
- 2012 LBS Drug Development Simulation Course, St. Michielsgestel (NL)
- 2009 DIMETIC European Doctoral Programme on the Economics of Technology and Institutional Change, Maastricht (NL)
- 2009 European Summer School on Industrial Dynamics, Barcelona (SP)
- 2008 Doctoral training course 'Evolutionary economics', Jena (DE)

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## TEACHING

### **University Medical Center Groningen, Groningen (NL)**

- 2012-13 Pharmacotherapy, Medical Sciences (Bachelor 1-3)  
*Lab assignments*

### **Eindhoven University of Technology, Eindhoven (NL)**

- 2011 Bachelor Thesis, Innovation Sciences (Bachelor 3)  
*Co-supervisor*

### **Utrecht University, Utrecht (NL)**

- 2005-10 Economic Geography, Human Geography & Planning (Bachelor 3)  
*Coordinator (2009-10), Lecturer (2007-10), Lab assignments (2005-10)*
- 2008-10 Bachelor Thesis, Human Geography & Planning (Bachelor 3).  
*Supervisor*
- 2008-09 Geographical economics, Economics (Bachelor 1 & 2).  
*Lab assignments*
- 2003-06 Statistical methods, Human Geography & Planning (Bachelor 1-2)  
*Lab assignments*

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## PEER-REVIEW ACTIVITIES

British Medical Journal; Economic Geography; Globalization & Health; Industry & Innovation; Journal of Economic and Social Geography; Journal of Regional Science; Journal of Engineering and Technology Management; Networks and Spatial Economics; PLoS ONE; Raumforschung und Raumordnung; Regional Studies; Research Policy; Science & Public Policy; Scientometrics; The Annals of Regional Science