

# Brecht Devleesschauwer (°09/09/1986)

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**Senior epidemiologist, PhD DVM MVSc MStat**

*Sciensano, Department of Epidemiology and Public Health*

*Center for Burden and Risk Assessment—[www.cbra.be](http://www.cbra.be)*

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## Personal statement

Throughout my active research career, the common goal of my research activities has been to quantify the true impact of diseases and health inequalities, and to make model-based evaluations of prevention and control. I have successfully applied these methods to study the health and economic impact of public and animal health threats and to assess cost-effectiveness of intervention strategies. My work has led to new insights in the epidemiology, burden and control of foodborne and zoonotic diseases. I have developed and implemented the computational framework for estimating the global burden of foodborne disease, as an active member of the World Health Organization Foodborne Disease Burden Epidemiology Reference Group (WHO/FERG). These estimates are proving to become instrumental in guiding food safety related decision making processes across the world.

My research activities have led to more than 100 peer-reviewed scientific publications in national and international journals. My scientific expertise in burden assessment, risk assessment and health economics has been recognized through invitations to various national and international expert groups, including the Belgian food safety authority, and EFSA, WHO, and FAO.

## Education

- **Ph.D. Veterinary Sciences & Ph.D. Public Health**, 2010–2015  
Ghent University, Merelbeke, Belgium  
Université catholique de Louvain, Brussels, Belgium  
Dissertation topic: “*The Burden of Zoonoses in Nepal*”  
Promoters: Prof. Dr. P. Dorny, Prof. Dr. N. Speybroeck, Prof. Dr. L. Duchateau
- **Doctoral Training Programme**, 2010–2015  
Doctoral School of Life Sciences and Medicine, Ghent University, Belgium
- **M.Sc. Statistics (biometrics)**, 2011–2014  
Katholieke Universiteit Leuven, Louvain, Belgium; Great distinction

Dissertation topic: “*Quantitative Microbial Risk Assessment with R*”

Promoters: Prof. Dr. G. Molenberghs, Prof. Dr. C. Faes

- **M.Sc. Veterinary Medicine (research & industry)**, 2007–2010  
Ghent University, Merelbeke, Belgium; Greatest distinction  
Dissertation topic: “*The Epidemiology of Taenia solium in Nepal*”  
Promoter: Prof. Dr. P. Dorny
- **B.Sc. Veterinary Medicine**, 2004–2007  
Ghent University, Merelbeke, Belgium; Greatest distinction

## Employment

- **Visiting professor, advanced epidemiology**, 10/2018–present  
Université catholique de Louvain, Brussels, Belgium
- **Visiting professor, risk analysis**, 04/2018–present  
Ghent University, Merelbeke, Belgium
- **Senior epidemiologist**, 04/2016–present  
Sciensano, Brussels, Belgium
- **Visiting professor, health economic evaluations**, 10/2016–09/2018  
Université catholique de Louvain, Brussels, Belgium
- **Assistant scientist, global food safety and zoonoses**, 06/2015–03/2016  
University of Florida, Gainesville, USA
- **Post-doctoral researcher**, 04/2015  
Ghent University, Merelbeke, Belgium
- **Contracted technical expert**, 09/2013–12/2013, 02/2014–03/2014  
World Health Organization, Geneva, Switzerland
- **Doctoral researcher**, 10/2010–03/2015  
Ghent University, Merelbeke, Belgium  
Université catholique de Louvain, Brussels, Belgium

## Mentoring and supervision

36 MSc students 8 BSc students

## Scientific output

item 6

item 105

Google Scholar metrics: 2648 citations · h-index 23 · i10-index 51