

PERSONAL INFORMATION

Greet Schoeters



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[Redacted] | Nationality Belgian

OCCUPATIONAL FIELD

Research and coordination of research programs in the fields of Environmental Toxicology , Environmental Health, Risk/Health Assessment

WORK EXPERIENCE

1993 - ...

**Project leader of the Environment and Health Program (2012-...)**  
**Program manager of Environmental Risk and Health (2008-2012)**  
**Head of the Research unit Environmental Toxicology (1996-2008)**  
**Program coordinator- Effect studies (1993-1996)**

Flemish Institute for Technological Research (VITO), Mol (Belgium), [www.vito.be](http://www.vito.be)

- Management and coordination of environment and health research programs co funded by EU (DG RTD/SANCO), national authorities (ANIMO), regional health and environment authorities
- - Researcher in EU projects as workpackage leader (EU-ESBIO, EU-INTARESE, EU-OBELIX, EU-COPHES) or as partner (EU-ATHON, EU-AXLR8)
- - Responsible for Flemish human biomonitoring program for surveillance of environmental health status of the Flemish population since 2002
- - President of European Society for in Vitro Toxicology (ESTIV) 2008-2012
- - Management of research team ( up to 40 people)
- - Expert advice to national and international organizations such as CONTAM panel of the European Food Safety Agency (EFSA) (2003-2006), World Health Organisation(2011-2012), European Environment Agency (2013-..), External Science Advisory Panel of CEFIC-LRI (2012-..), Belgian Health Council., European Scientific Committee on Health and Environment (SCHER) 2013-2016.
- - More than 200 publications (peer review) on topics such as effects of prenatal exposure, environmental determinants of exposure and health effects ( endocrine disruptors, air pollution, asthma and allergy, obesity, puberty development, DNA damage, oxidative stress), effect biomarker development

[Contract Research Institute, Public body](#)

1996 - ...

**Part time (10%) Professor**

University of Antwerp - Department Biomedical Science, Antwerp (Belgium), <http://www.ua.ac.be>

- Teaching environmental health, risk assessment and human ecology
- Coordinator of the Environment and Health Master's program since 2005
- Promoter of thesis (Master's degree and Ph.Ds)

[University](#)

2013 - ...

**Part time (20%) Professor**

USD, Dept of Environmental Medicine Odense (Denmark), [www.sdu.dk/en](http://www.sdu.dk/en)

- Environmental Health Research

[University](#)

1984 - 1993 **Researcher, Projectleader (since 1984) - Scientific Manager (since 1989)**

Belgian Nuclear Research Centre (SCK/CEN), Mol (Belgium), [www.sck-cen.be](http://www.sck-cen.be)

- Experimental research on cancer related to alpha radiation, animal and in vitro studies
- Publication of research results in peer reviewed journals
- Communication and reporting contract results
- European Late Effects Project group (EULEP), Convenor of task force: target cell sensitivity in relation to alpha particle dose

Radiation protection research and in vitro cell biology

EDUCATION AND TRAINING

1983 - 1984 **PostDoc**

University of California Davis, Laboratory of Energy Health Research, USA

- Radiation protection and research on bone marrow stromal cells
- Postdoctoral training

1983 **PhD**

University of Antwerp, Belgium

- Radiation protection research and bone marrow stem cell research in vitro
- Licentiate in Sciences, Division of Biology, Section of Zoology  
Aggregate for secondary schools (MSc)**

1973 - 1977

University of Antwerp, Department of Biology-Zoology, Belgium

PERSONAL SKILLS

Mother tongue(s)

Dutch

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient	Proficient	Proficient	Proficient	Proficient
French	Independent	Independent	Basic	Basic	Basic

Social Skills and competences

- Advisory function for different organisations eg. Member of Council of Province of Antwerp on environment and nature P-MINA raad (advisory role) 1998-2006
- Team work: Member of expert panels : eg. EFSA ( CONTAM panel), advisory board of EU-PHIME, SCHER, EEA scientific advisory board, Netherlands Health Research council , Belgian Health Council
- Advisory role: Child platform , Gezinsbond, Odense Child cohort

Organisational / managerial skills

- Projectmanagement and coordination of multidisciplinary teams( eg. Flemish Human Biomonitoring project)
- Leadership and networking- President of European Society of Toxicology in vitro
- Raising external funds for research programs ( > 1,9 MEuro/year)

Computer skills

- good command of Microsoft Office™ tools

Driving licence

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## ADDITIONAL INFORMATION

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### Promotor of 6 Ph D theses related to environment and health ( since 2010)

Karolien Bloemen: Analysis of the exhaled breath condensate proteome to identify potential biomarkers of respiratory toxicity, University of Antwerp, Dept Biomedical Sciences (2010)

Nathalie Lambrechts: Towards a mechanism-based in vitro screening assay for chemical-induced skin sensitisation , University of Antwerp, Dept Biomedical Sciences (2010)

Britt Wens: Gene expression analysis in blood cells as sentinel for exposure to endocrine disrupting chemicals, University of Antwerp, Dept Biomedical Sciences (17 oktober 2014)

Carmen Franken: Early life exposure to environmental chemicals and adverse health outcome, University of Antwerp, Dept Biomedical Sciences (ongoing)

Sofie de Prins: From ambient air pollution exposure to health effects, University of Antwerp, Dept Biomedical Sciences (15 oktober 2014)

Sylvie Remy : The cord blood transcriptome in relation to environmental exposure ( 13 oktober 2015)

### Awards / Memberships

Member of Scientific advisory board of the European Environment Agency (EEA, 2013)

Member of European Scientific Committee of Environment and health risk (SCHER), 2013-2016

Award Rudi Verheyen 2008, for outstanding scientific contribution in support of the Flemish Environment Policy

Member of Belgian Health Council ( since 2008)

Member of External Science Advisory Panel (ESAP) for CEFICs Long-term Research Initiative (European Chemical Industry Council) (2012-)

WHO advisor -developing indicators for monitoring exposure of children in countries of the WHO EU region- 2011-2012

Mid term Evaluator of EU-SYSTEQ "The development, validation and implementation of human systemic Toxic Equivalencies (TEQs) as biomarkers for dioxin-like compounds" (7-8 /4/2011)

Evaluator ECNISII: 17-18 September 2012, PI

Mid term Evaluator : EU-ECNIS "Environmental cancer risk, nutrition and individual susceptibility"2-3 July, 2008, France; July 2009, Brussels;

Member of scientific advisory board of EU project PHIME (2006-2010)

Member of project steering group of EU project INTARESE (2005-2009)

MEMBER OF COST Technical Committee Environment (2000-2006)

INVITOX (member of scientific committee) 2002-2007

ESTIV (member of scientific board (2007-)

Organiser of INVITOX2006, 2-5 October 2006, Ostend , Belgium.

Evaluator: Quality of life – projects (EU- FP5)

Member of committee on Radon (1993) and on monitoring of Environmental factors from the Dutch Health Council (2003)

Member of ECETOC task force on human biomonitoring (2005)

Expert – EU- SCALE (Science-Children-awareness-legislation-evaluation) programme (2006)

Member of the EU implementation group for human biomonitoring in Europe (2007-2010)

Expert: advice to the EC on status of alternative (non-animal) methods for cosmetics testing:current status and future perspectives,17-19 May 2010

Guest referee for 7 international journals

Member of editorial board of Environmental Health

Expert services for Flemish health administration (ToVo)

Expert – EU- SCALE (Science-Children-Awareness-Legislation-Evaluation) program

Member of Commission Bayens ( impact evaluation of waste incinerators) 1997-1998

Member of Belgian Dioxin Crisis Committee (1999)

Member of board of ARGUS (2002-2007)

Evaluator: Quality of life – projects (EU- FP5, FP7)

Member of committee on Radon (1993) and on monitoring of Environmental factors from the Dutch Health Council (2003)

### Publications

More than 200 publications (peer review) on topics such as effects of prenatal exposure, environmental determinants of exposure, health effects ( endocrine disruptors, air pollution, asthma and allergy, obesity, puberty development, DNA damage), effect biomarker development, risk and health impacts assessments

#### Examples:

- Franken C, Koppen G, Lambrechts N, Govarts E, Bruckers L, Den Hond E, et al. 2016. Environmental exposure to human carcinogens in teenagers and the association with DNA damage. *Environ. Res.* 152:165–174; doi:10.1016/j.envres.2016.10.012.
- Remy S, Govarts E, Wens B, De Boever P, Den Hond E, Croes K, et al. 2016. Metabolic targets of endocrine disrupting chemicals assessed by cord blood transcriptome profiling. *Reprod. Toxicol.* 65:307–320; doi:10.1016/j.reprotox.2016.08.018.
- Den Hond E, Govarts E, .....Schoeters G. First Steps toward Harmonized Human Biomonitoring in Europe: Demonstration Project to Perform Human Biomonitoring on a European Scale. *Environ Health Perspect.* 2014 Dec 11.
- Schoeters G, Den HE, Colles A, Loots I, Morrens B, Keune H, Bruckers L, Nawrot T, Sioen I, De CS, Van LN, Nelen V, Van de Mierop E, Vrijens J, Croes K, Goeyens K, Baeyens W (2012) Concept of the Flemish human biomonitoring programme. *Int J Hyg Environ Health* 215: 102-108. S1438-4639(11)00223-9 [pii];10.1016/j.ijheh.2011.11.006 [doi].IF:3.04
- Schoeters GE, Den Hond E, Koppen G, Smolders R, Bloemen K, De Boever P, Govarts E. Biomonitoring and biomarkers to unravel the risks from prenatal environmental exposures for later health outcomes. *Am J Clin Nutr.* 2011 May 4.ii];10.1038/jes.2009.63 [doi].IF:2.93