

# Curriculum Vitae

**Last name, First name:** ROGIERS Vera

**Gender:** female

**Nationality:** Belgian

## Overall Scientific Expertise:

[Based on your educational and professional backgrounds, please summarise (up to 100 words) your scientific expertise (disciplinary areas, competencies, etc.) especially your health and environmental risk assessment expertise (*if applicable*).]

Being head of the department of In Vitro Toxicology and Dermato-Cosmetology at the Vrije Universiteit Brussel, risk assessment of different types of compounds belongs to the normal professional tasks. Specialization in risk assessment of cosmetic ingredients and finished products took place over the years. This expertise is shared during two international courses on safety and efficacy of cosmetics in the EU, organised yearly for >20 years. Focus lies on alternative 3R-methods in *in vitro* toxicology and regulatory testing. A list of publications (>300) in peer reviewed scientific journals illustrates the competence gained over 40 years of being involved in toxicological research.

## Professional Experience

[Starting with your present occupation, list in reverse chronological order each activity in which you have been engaged. Please copy and paste more rows if needed.]

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation <sup>▲</sup>
20014- now	Head of Unit Dept. In Vitro Toxicology Head of Pharmaceutical Institute	Vrije Universiteit Brussel, BE	Research on 3R-alternatives Risk assessment of cosmetics
2000- 2014	Head of Unit Dept. of Toxicology	Vrije Universiteit Brussel, BE	Research on 3R-alternatives Risk assessment of cosmetics
1997- 2000	Full-time Professor Dept. Toxicology	Vrije Universiteit Brussel, BE	Research on 3R-alternatives Risk assessment of cosmetics
1992- 1997	Head docent Dept. Toxicology	Vrije Universiteit Brussel, BE	Research on 3R-alternatives Risk assessment of cosmetics
1985- 1992	Workleader Dept.Toxicology	Vrije Universiteit Brussel, BE	Research on 3R-alternatives Risk assessment of cosmetics
1980- 1985	First assistent Dept.Toxicology	Vrije Universiteit Brussel, BE	Research on 3R-alternatives Risk assessment of cosmetics
1974- 1980	Assistent Dept.Biochemistry	Vrije Universiteit Brussel, BE	Research on Cystic Fibrosis
1970- 1974	Studies pharm.sci.	RUGent, Ghent, BE	Pharmaceuticals in all aspects

<sup>▲</sup>[*For example:* toxicology (alternative methods, carcinogenesis, endocrine, immunotoxicity, occupational, exposure assessment, genotoxicity, etc.), chemistry (atmospheric, medicinal, peptide, etc.), physics (biophysics, EMF radiation, noise, etc.), engineering (genetic, environmental, medical, etc.),

biology (antimicrobial resistance, biophysics, biotechnology, etc.), medicine (allergies, neurology, etc.), epidemiology (clinical, genetic, cancer, etc.) environmental science (air quality, waste treatment, climate change, ecology, etc.), biostatistics, pharmacokinetics, medical technologies, nanoscience, etc...]

## Educational Background

[Starting with the most recent, please provide the details of your post-secondary education and/or professional training (e.g. university or its equivalent, postgraduate, postdoctoral). Please copy and paste more rows if needed.]

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation
1997-2000	Master in Applied Toxicology	University of Guilford, UK	Applied toxicology
1975-1980	Doctor in Pharmaceutical Sciences	VUB-Brussels, BE	Cystic fibrosis metabolism disorders
1972-1975	Master in Pharmaceutical Sciences	Universiteit Ghent, BE	Pharmaceuticals
1970-1972	Bachelor in Pharmaceutical Sciences	Universiteit Ghent, BE	Pharmaceuticals

## Memberships in Scientific Advisory Bodies/Committees/Panels (*if any*):

- ESAC member from 2007 till 2013.
- Member of the working group "Cosmetics", section IV, Hoge Gezondheidsraad (Ministry of Health and Environment) (since 1989)
- Foundation member of BADECOS (Belgian Association of Dermato-Cosmetic Sciences), in 1989
- Chairperson of BADECOS (Belgian Association of Dermato-Cosmetic Sciences), not-for-profit scientific organization, national status, from 1989 to 2006
- Member of *epaa* (European Partnership for Alternative Approaches to Animal Testing) Mirror Group (since 2006).
- Nominated by the Belgian Competent Authority as a toxicological expert (specialist) for the EChA (European Chemicals Agency)
- Co-founder and member of the Fund for Scientific Research – Flanders (FWO) group of excellence “Connexin and pannexin channels: regulation, function and applications”
- Member of Deontologisch Comité, Federale Overheidsdienst (FOD) Volksgezondheid, Veiligheid van de Voedselketen en Leefmilieu
- Member of SCCS (and predecessors SCCP, SCC(NF)P) until 2013, since then invited expert of SCCS (Scientific Committee on Consumer Safety); since 2016 again elected SCCS member
- Member of “Wetenschappelijke Commissie Voeding, Geneesmiddelen en consumptiegoederen” (WIV-ISP) (since 2014)
- Included in the European Register of Toxicologists (ERT) (since 2010)
- Member of Innovation Council of VUB (since 2015)

### **Memberships in Learned Societies (if any):**

- Member of the Belgian Association for Biochemistry
- Member of the Belgian Association for Pharmaceutical Sciences
- Member of the Society of Cosmetic Scientists, UK
- Member of the Belgian Association of Chemical Cosmetologists
- Member of the European Society of Biochemical Pharmacology
- Member of the Belgian Society of Toxicology (BELTOX)
- Member of ESTIV (European Society of In Vitro Toxicology)
- Member of the HUG Group (Hepatocytes User Group), UK
- Foundation member of ecopa (European consensus platform for alternatives)
- Member of EUROTOX

### **Memberships in Editorial Boards (if any):**

- Archives of Toxicology, member of the Editorial Board since 1991, Associate Editor since 1994
- Toxicology In Vitro, member of the Editorial Board, since 2002
- ATLA (Alternatives for Laboratory Animals), member of the Editorial Board, since 1998
- Skin - Medical Journal for Dermatologists, member of the Editorial Board since 1998.

### **List of Publications:**

[Please indicate the type and total number of your publications. In addition, provide the bibliographic details for the 7 most representative, peer-reviewed articles which highlight the main areas of your scientific expertise.]

- > 300 research articles in peer-reviewed scientific journals, mostly international Journal on *in vitro* experimental toxicology or on dermato-cosmetic sciences.
- A number of books and book chapters, usually on 3R-alternative methods or on risk assessment in cosmetics e.g. '*Safety Assessment of Cosmetics in Europe*' Rogiers V. and Pauwels M. (Eds). Current Problems in Dermatology Vol. 37 (2008). S. Karger, Basel, Switzerland, ISBN 978-3-8055-8655-9.

### **7 most representative articles:**

1. Doktorova T., Yildirimman R., Vinken M., Vilardell M., Vanhaecke T., Gmuender H., Bort R., Brolen G., Chesne C., van Delft J., Kleinjans J., Castell J., Bjorquist P., Herwig R., Rogiers V. (2013) "Transcriptomic responses generated by hepatocarcinogens in a battery of liver-based *in vitro* models". *Carcinogenesis*, **34**(6): 1393-1402. [IF<sub>2013</sub> = 5.266]
2. Vinken M., Landesmann B., Goumenou M., Vinken S., Shah I., Jaeschke H., Willett C., Whelan M., Rogiers V. (2013) "Development of an adverse outcome pathway from drug-mediated bile salt export pump inhibition to cholestatic liver injury". *Toxicological Sciences*, 136(1): 97-106. [IF<sub>2013</sub> = 4.478].
3. Vinken M., Maes M., Oliveira A.G., Cogliati B., Elias P., Menezes G.B., Zaidan Dagli M.L., Vanhaecke T., Rogiers V. (2014) "Primary hepatocytes and their cultures in liver apoptosis research". *Archives of Toxicology*, **88**(2): 199-212. [IF<sub>2013</sub> = 5.078].
4. De Kock J., Meuleman P., Raicevic G., Rodrigues R.M., Branson S., Meganathan K., De Boe V., Sachinidis A., Leroux-Roels G., Vanhaecke T., Lagneaux L., Rogiers V.,\* Najjar M.\*(2014) "Human-skin-derived precursor cells are poorly immunogenic and modulate the allogeneic immune response". *Stem Cells* **32**(8): 2215-2228. [IF<sub>2013</sub> = 7.133]. (\* equally contributing)
5. Rodrigues R.M., Branson S., De Boe V., Sachinidis A., Rogiers V. (2016) "*In vitro* assessment of drug-induced liver steatosis based on human dermal stem cell-derived hepatic cells". *Archives of Toxicology*, 90(3): 677-689 [IF<sub>2014</sub>=5.980].

6. Ates G., Steinmetz F.P., Doktorova T.Y., Madden J.C., Rogiers V. (2016) “Linking existing *in vitro* dermal absorption data to physicochemical properties: contribution to the design of a weight-of-evidence approach for the safety evaluation of cosmetic ingredients with low dermal bioavailability” *Regulatory Toxicology and Pharmacology.*, **76**: 74-78. [IF<sub>2014</sub>=2.316]
7. Rodrigues R.M., De Kock J., Branson S., Vinken M., Meganathan K., Chaudhari U., Sachinidis A., Govaere O., Roskams T., De Boe V., Vanhaecke T., Rogiers V. (2014) “Human skin-derived stem cells as a novel cell source for *in vitro* hepatotoxicity screening of pharmaceuticals”. *Stem Cells and Development*, **23**(1): 44-55. [IF<sub>2014</sub> = 3.727]