Member of the

Committee for Risk Assessment (RAC)

1. General Information:

Name: Hakkert, Betty

X Ms / ☐ Mr

Appointed by *:* RAC
Nationality: Dutch

Add your photo here!

2. Education:

-1979-1987 Human Nutrition and Toxicology, Master degree, Cum Laude, University of Wageningen
-1987-1991 Cell biology, immunology, medical sciences (PhD Thesis Title Monocyte and Neutrophil interactions with human endothelials cells). University of Amsterdam
-1992-1994 Board Certified Toxicologist
-1994-present several postgraduate courses on toxicology, risk assessment, classification and labelling of chemical substances, use of non testing methods including (Q)SARs

3. Relevant Employment

Present employment	2001- present. Senior toxicologist and coordinator. Bureau REACH, National Institute for Public Health and the Environment (RIVM), Bilthoven
Previous relevant employment	1992-2001 Senior toxicologist, product manager. Organisation for Applied Scientific Research (TNO) Zeist, The Netherlands

4. Relevant fields of in-depth expertise:

Area of expertise	**Description**
Human toxicology	More than twenty years of experience in human hazard and risk assessment. Specific knowledge of reproductive toxicology, repeated dose toxicity (all routes), sensitisation and immunology
Risk Assessment	More than twenty years of experience in the hazard and risk assessment of pesticides, biocides and industrial chemicals, including nanomaterials Involved in several activities aimed at the refinement of hazard/risk assessment, the development and refinement of assessment factors, the establishment of AOELs and DNELs, the development of testing methods. Involved in several Reach Implementation Projects, amongst others those related to hazard and risk assessment (RIP 3.2 and 3.3) and RIPon projects on nanomaterials
Use of non testing information in hazard /risk assessment	Involved in several projects aimed at the development and use of non testing methods and alternative testing methods in hazard and risk assessment (member of several OECD taskforces and working groups in this area)

5. Membership of relevant professional bodies:

- (Vice-)chair of the OECD Test Guideline Program (2006-present)
- Chair of an Ethical Committee in charge in the evaluation of in vivo animal studies of a research institute in the |Netherlands (2002-present)
- Chair of the Section Toxicology and Risk Assessment of the Dutch Society of Toxicology (2000-2005)

- NL focal contact point for Preliminary Assessment of Regulatory Relevance (PARERE)
- Member of the OECD Task Force on Hazard Assessment (2010-present)
- Member of the Stakeholders Expert Group of RIPoN1, RIPoN2 and RIPoN3 project on nanomaterials (2009-2011)
- NL Member the OECD Working Group on Manufactured Nanomaterials (WPMN) (2009-present)
- Member and contributor of the EU Framework Research Project OSIRIS (2009-2011)
- Member of the Scientific Board of the Dutch Research Project Assuring Safety without Animal Testing (2008-2010)
- Member of the OECD working Group on QSARs (2007-present)
- Member/NL coordinator of the OECD Task Force of Existing Chemicals (CoCAM former SIAM) (2007-present)
- Member of the OECD Task Force on Environmental Exposure Assessment (2002-2004)
- Member of the Dutch Society of Toxicology and Toxicological Risk Assessment (1995-present)

6. Other Relevant Information:

More than twenty years of experience in hazard and risk assessment of chemicals. Involved in several (inter)national (EU-projects) research projects aimed at the refinement of hazard and risk assessment of chemicals (CEASAR, OSIRIS, CADASTER, etc).