

## ANNUAL DECLARATION OF INTERESTS (ADoI)

*(Please note that high quality of scientific expertise is by nature based on prior experience and that therefore having an interest does not necessarily mean having a conflict of interest)*

**Name:** KLEIN, Michael

**Title:** Dr

**Profession:** Chemist

**Current EFSA involvements:** Member-PPR Panel 2012-2015 (PPR), Member-EFSA WG for developing an EFSA Guidance Document for evaluating laboratory and field dissipation studies to obtain DegT50 values (PRAS), Member-EFSA WG for developing and EFSA Guidance Document for predicting environmental concentrations of substances in soil (PRAS), Chair-WG Aquatic Ecotoxicology (PPR), Member-WG non-target terrestrial plant RA (PPR)

Nature of Activities	Period	Organisation	Subject matter
<b>I. Economic interest</b>			NO INTEREST
<b>II. Member of a management body or equivalent structure</b>			NO INTEREST
<b>III. Member of a scientific advisory body</b>	10/2012 - now	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG for developing an EFSA Guidance Document for evaluating laboratory and field dissipation studies to obtain DegT50 values (PRAS)

	10/2011 - now	-Name: Federal Institute for Risk Assessment, Germany (BfR)	<p>BfR-Kommission für Pflanzenschutzmittel und ihre Rückstände</p> <p>Mission of the commission is giving advice to the Federal Institute for Risk Assessment in the field of pesticide and their residues. In principle, the commission cannot take regulatory decisions, but advice may be given on methodologies or on products. I am an ordinary member, not a chairman. However, I have the right to vote. The membership is not salaried.</p>
	05/2010 - 07/2012	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - PPR Panel 2009-2012 (PPR)
	04/2011 - 03/2012	-Name: EFSA, European Food Safety Authority, Italy, Parma	Rapporteur (member) - Predicting environmental concentrations of substances in soil for the revision of the GD persistence in soil (PPR)
	11/2010 - 12/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG Ecotoxicological Effects (PPR)
	01/2010 - 06/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - revision of GD persistence in soil/Fate (PPR)
	01/2005 - 01/2009	-Name: FOCUS	<p>Member</p> <p>FOCUS Groundwater Working Group</p>

<b>IV. Employment</b>	06/1987 - now	-Name: Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung (FHG)	<p>Current position: senior scientist at the Fraunhofer IME (Institute for Molecular Biology and Applied Ecology) The Fraunhofer-Gesellschaft is owned by the government and undertakes applied research of direct utility to private and public enterprise and of wide benefit to society (mission). Due to this mission the Fraunhofer IME is doing research that can be (and often is) used in the regulatory risk assessment of pesticides. Projects are done for authorities (e.g. UBA, Environmental Protection Agency in Germany), but also for the pesticide industry, when doing fate and effect studies (e.g. pesticide sorption to soil). However, I am not directly involved in any of these experimental studies. My overall topic is calculation of the environmental fate of pesticide. Since I started in 1987 I developed about 20 environmental fate models. Models with current use in EU or national registration are PELMO (Leaching model used in EU-pesticide registration) and ESCAPE (soil model, used in German pesticide registration). Similar as for the experimental studies performed in the Fraunhofer IME the development of the fate models was mainly financed by German authorities (e.g. UBA). In some cases model development was done without external sponsors (internal Fraunhofer projects, e.g. STEPS1234). Partly also industry sponsored model developments (e.g. financing user manuals) as joined projects with authorities. Since all models were developed as part of my employment I have no intellectual property rights. However, my employer may have ownership or rights on these computer models. However, all these models are free of charge and their existence do not lead to any financial gain by my employer or by myself. On behalf of FOCUS I programmed the model STEPS-1-2 in 2000 which is still used in EU Registration and can be downloaded free of charge from the FOCUS website. Neither Fraunhofer nor I have intellectual property rights here. The ideas of the software are totally based on the methodology described in the respective FOCUS-SW report (2001). It was therefore not mentioned under VI intellectual properties</p> <p>Part of my job is the interpretation of experimental fate studies. I don't do any experimental work, just the fitting according to current guidelines after the experimental work has been done. I also analyze the fate of pesticide according to guidelines (e.g. FOCUS, national regulations) using the official models. I organize training lessons for the German authorities in the field of fate modeling and interpretation of experimental studies. I am also giving advice if guidelines are unclear. I am involved in the assessment of the environmental fate of general chemicals according to the REACH regulation in co-operation with a sister institute (Fraunhofer ITEM). I am advising them because their knowledge is human exposure rather than environmental exposure. Between 2004 and 2009 I was regularly assisting the RMS Germany on the preparation of EU Monographs. In all external projects (independent whether I was involved or not) all money is provided directly to the accounts of Fraunhofer IME. I am and was always only paid by Fraunhofer for my work. In 2010 the private fundig of the Fraunhofer IME summed up to 36.5 % (see <a href="http://www.ime.fraunhofer.de/en/about_us/institute_data.html">http://www.ime.fraunhofer.de/en/about_us/institute_data.html</a>). However, the amount of private funding I am personally involved in do not exceed 25 % because of the special position I am havning in the Fraunhofer IME.</p>
<b>V. Ad hoc or occasional consultancy</b>			NO INTEREST
<b>VI. Research funding</b>			NO INTEREST

<b>VII. Intellectual property rights</b>	03/2007 - now	-Name: Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung (FHG)	<p>Computer model ESCAPE (Estimation of soil concentrations after pesticide applications)</p> <p>As already mentioned under IV Employment the model ESCAPE was development originally on behalf of the German Environmental Protection Agency (UBA) in 2007.</p> <p>The model is currently in use national registration, but has no use in EU registration.</p> <p>The model can be downloaded by everybody free of charge. Neither the Fraunhofer Gesellschaft nor myself have therefore a financial gain because of the model.</p>
	01/2007 - now	-Name: Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung (FHG)	<p>Computer model STEPS 1234</p> <p>As already mentioned under IV Employment the model STEPS 1234 was development with internal Fraunhofer resources without any external funding.</p> <p>The model could be principally used to perform surface water concentrations in line with the FOCUS (2001) report, but this is currently not done because it is not recommended by the EFSA version control group.</p> <p>The model can be downloaded by everybody free of charge. Neither the Fraunhofer Gesellschaft nor myself have therefore a financial gain because of the model.</p>
	01/1991 - now	-Name: Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung (FHG)	<p>Computer model PELMO (pesticide leaching model)</p> <p>As already mentioned under IV Employment the model PELMO was development originally on behalf of the German Environmental Protection Agency (UBA) in 1991.</p> <p>The model is currently in use in EU and national registration. It is one of the FOCUS models.</p> <p>The model can be downloaded by everybody free of charge. Neither the Fraunhofer Gesellschaft nor myself have therefore a financial gain because of the model</p>
<b>VIII. Other membership or affiliation</b>			NO INTEREST
<b>IX. Other relevant interest</b>			NO INTEREST
<b>X. Interests of close family members</b>			NO INTEREST

I hereby declare that I have read both the Guidance Document on Declarations of Interests and the Procedure for identifying and handling potential conflict of interests and that the above Declaration of Interests is complete.

Date: 17/12/2012      Signature: **SIGNED**

