



# Juliane Elisabeth Kleiner

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## WORK EXPERIENCE

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### Contract Professor

*Free University of Bolzano* [ 02/10/2023 – 28/09/2024 ]

City: Bolzano | Country: Italy

- Providing lectures on Novel Foods for a Master Course on Food Science for Innovation and Authenticity

### Head of Science Departments

*European Food Safety Authority (EFSA)* [ 16/05/2013 – 31/01/2022 ]

City: Parma | Country: Italy

- Head of Science Departments, except for period from Sept. 2016-June 2018 (see below). From May 2013 until November 2014 Director of Science Strategy and Coordination, from December 2014 until August 2016 Head of Regulated Products Department, and from July 2018 until January 2022 Head of General Risk Assessment Department.

Main responsibilities of a Head of a Science Department includes:

- to provide vision and direction and leadership for the department
- to ensure that Department provides high level risk assessment in the area of food and feed safety, human nutrition, animal and plant health, animal welfare, and environmental risk assessment.

Sept. 2016- June 2018: Senior science coordinator in the Executive Director office ensuring scientific consistencies between the science departments.

### Head of Nutrition Unit

*European Food Safety Authority (EFSA)* [ 01/03/2008 – 15/05/2013 ]

City: Parma | Country: Italy

Unit provides support to the Panel on Dietetic Products, Nutrition, and Allergies (NDA) which also deals with questions on novel foods and health claims. During this time EFSA assessed more than 3,000 health claims, providing the scientific basis for the list of approved claims published by the European Commission. In this period the Panel also finalised opinions related to dietary reference values for macronutrients and many novel foods applications.

### Senior Scientific Officer

*European Food Safety Authority (EFSA)* [ 01/03/2004 – 28/02/2008 ]

City: Parma | Country: Italy

Scientific support to various Scientific Panels and Scientific Committee activities, e.g. coordinating working groups on aspartame, safety of wild and farmed fish, benchmark dose approach, risk assessment of genotoxic carcinogens, exposure assessment, new and harmonised approaches for risk assessment of food and feed and cross-cutting scientific issues.

## Chief Scientific Officer of the International Task Force for Prevention of Coronary Heart Disease

*University of Münster* [ 01/10/2003 – 31/01/2004 ]

City: Münster | Country: Germany

- Supervising a small team of nutritionists to provide recommendations for a heart-healthy diet.
- Assistance to the Executive Director of the Task Force on scientific and administrative matters and fund raising

## Senior Scientist

*European Branch of the International Life Sciences Institute – ILSI Europe* [ 01/08/1996 – 30/09/2003 ]

City: Brussels | Country: Belgium

- In charge of the food safety programme at ILSI Europe (scientific organisation to bring together experts from industry, academia and regulatory authority to discuss food safety/nutrition issues of mutual concern).
- Responsible for the scientific management of the food safety programme such as, natural toxins, food-packaging materials, novel foods, food chemical intake, food microbiology, environment and health, threshold of toxicological concern, risk assessment for genotoxic carcinogens. Organisation and scientific support of ILSI Europe activities including expert group and task force meetings, workshops, resulting publications, maintaining and expanding the network of experts, ensuring appropriate information exchange between the various areas and different bodies.
- Coordinator of a 3 years EC Concerted Action (2000-2002) on Food Safety in Europe: Risk Assessment of Chemicals in Food and Diet. Ensuring the smooth operation of 7 working groups in the field of risk assessment

## EDUCATION AND TRAINING

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### PhD in human biology (theoretical medicine), Fachbereich Humane Medicine

*Philipps University of Marburg* [ 01/02/1989 – 27/09/2004 ]

City: Marburg | Country: Germany

### Master in Nutritional Sciences - Ernährungswissenschaften

*Justus Liebig University* [ 01/04/1983 – 27/09/1988 ]

City: Giessen | Country: Germany

## LANGUAGE SKILLS

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**Mother tongue(s):** German

**Other language(s):**

### English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

### Italian

LISTENING B1 READING B2 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## PUBLICATIONS

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[2019]

**Guidance on the use of the Threshold of Toxicological Concern approach in food safety assessment.**

EFSA Scientific Committee et al. EFSA J. 2019 Jun 6;17(6).

[2012]

**Clarification from EFSA**

Kleiner, J.; BMJ. 2012 Aug 14;345

[2012]

**Scientific advice on human nutrition**

Flynn A, Kleiner J.; EFSA J. 2012 Oct 18; 10 (10)

[2009]

**The influence of thresholds on the risk assessment of carcinogens in food.**

Pratt I, Barlow S, Kleiner J, Larsen JC.; Mutat Res. 2009 Aug;678(2):113-7.

[2008]

**What is a benefit in relation to food consumption?**

Przyrembel H, Kleiner J.; Toxicol Lett. 2008 Aug 15;180(2):72-4.

[2008]

**Animal cloning for food: epigenetics, health, welfare and food safety aspects**

Houdebine LM, Dinnyes A, Banati D, Kleiner J.; Trends Food Science & Tech 19; (Supp 1) .07.004

[2006]

**Risk assessment of substances that are both genotoxic and carcinogenic report of an International Conference organized by EFSA and WHO with support of ILSI Europe.**

Barlow, S.; Renwick, A.G., Kleiner, J. et al.; Food Chem Toxicol 44: 1036-50 (2006)

[2006]

**Risk assessment of substances that are both genotoxic and carcinogenic.**

Renwick, A.G., Barlow, S. and Kleiner, J.; Toxicology Letters, 164S, S47.

**Analytical methods for polycyclic aromatic hydrocarbons (PAHs) in food and the environment needed for new food legislation in the European Union.**

Wenzl,T.; Simon, R.; Kleiner, J.; Anklam, E.; Trends Anal Chem 25: 716-725 (2006)

[2005]

**The threshold of toxicological concern concept in risk assessment.**

Kroes, R.; Kleiner, J.; Renwick, A.; Toxicol Sci 86: 226-230 (2005)

[2004]

**Structure-based thresholds of toxicological concern (TTC): guidance for application to substances present at low levels in the diet.**

Kroes, R.; Renwick,A.G.; Cheeseman, M.; Kleiner, J et al.; Food Chem Toxicol 42: 65-83 (2004).

[2003]

**Risk characterisation of chemicals in food and diet**

Renwick, A.G.et al.; Food Chem. Toxicol. 41:1211-1271 (2003)

[2003]

**Guidance for the safety assessment of botanicals and botanical preparations for use in food and food supplements**

Schilter, B.; Andersson, C.; Anton, R. et al.; Food Chem Toxicol. 41:1625-1649 (2003).

[2002]

**Risk Assessment of Chemicals in Food and Diet - Hazard identification by methods of animal-based toxicology.**

Barlow, S.M.; Bridges, J.; Carpy, A. et al.; Food Chem. Toxicol.40: 145-191 (2002)

[2002]

**Risk Assessment of Chemicals in Food and Diet - Methods of in vitro toxicology.**

Eisenbrand, G.; Pool-Zobel, B.; Baker, V. et al.; Food Chem. Toxicol. 40: 103-236 (2002)

[2002]

**Risk Assessment of Chemicals in Food and Diet - Dose-response, mechanisms and extrapolation issues.**

Dybing, E.; Doe, J.; Groten, J.; Kleiner, J. et al.; Food Chem. Toxicol. 40: 237-282 (2002)

[2002]

**Risk Assessment of Chemicals in Food and Diet - Mathematical modelling and quantitative methods.**

Edler, L.; Poirier, K.; Dourson, M.; Kleiner, J. et al.; Food Chem. Toxicol. 40: 283-326 (2002)

[2002]

**Risk Assessment of Chemicals in Food and Diet - Assessment of intake from the diet.**

Kroes, R.; Müller, D.; Lambe, J. et al.; Food Chem. Toxicol. 40: 327-385 (2002)

[2002]

**Risk Assessment of Chemicals in Food and Diet - The contribution of epidemiology.**

Van den Brandt, P.; Voorrips, L; Hertz-Picciotto, I. et al.; Food Chem. Toxicol. 40: 387-424 (2002)

[1998]

**Lebensmittel und Gesundheit: Sammlung der Beschlüsse, Stellungnahmen und Verlautbarungen aus den Jahren 1994 bis 1996 / Deutsche Forschungsgemeinschaft. Hrsg. von der Senatskommission zur Beurteilung der Gesundheitlichen Unbedenklichkeit von Lebensmitteln (SKLM).**

Zsgest. von Karl Joachim Netter und Juliane E. Buedl-Kleiner. -Weinheim: Wiley-VCH, 1998