



Dr Emmanuelle Kesse-Guyot

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13

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[researchgate.net/profile/Emmanuelle\\_Kesse-Guyot](https://www.researchgate.net/profile/Emmanuelle_Kesse-Guyot)

**RESEARCH EXPERIENCE**

- **2005-present** : Nutritional Epidemiologist (Nutritional Epidemiology Group , EREN direct by Prof Serge Hercberg - Epidemiology and Statistics Research Center Sorbonne Paris Cité)
- **2002-2004** : Nutritional Epidemiologist (E3N Group directed by Dr Françoise Clavel-Chapelon, Inserm Unité XU521, Villejuif, UMR 1018)

**EDUCATION**

- **2012: Accreditation to supervise research Committee:** Dr Martine Laville, Dr Monique Romon, Dr Marcel Goldberg, Dr Alain Venot, Dr Serge Hercberg (chair)
- **1999 – 2002: Ph.D in Nutrition.** AgroPariTech (formerly Institut National Agronomique Paris-Grignon). Title of dissertation: Assessing the relation between selected dietary factors and risk of colorectal cancer using the E3N, cohort. Mentor: Dr Françoise Clavel-Chapelon, Inserm Unité XU521; Defense: November 21 2002.
- **1999 – 2002: Advanced studies in biology, School of Medicine, University** of Paris-Sud XI.
- **1996 – 1999:** Master of science, Biology and Human Nutrition, **AgroParisTech, France**

**ADDITIONAL TRAINING**

- **March 2006:** European Nutrition Leadership Program (Luxembourg)
- **December 2005:** Communicating with the media regarding scientific progress
- **December 2004:** Advanced course on Epidemiological Research on Nutrition and Cancer, International Agency for Research on Cancer (Lyon).

**RECENT PROJECTS & NETWORKS (WITH LEADERSHIP))**

- Active member of the European network **Organic Food System Program (core initiative FAO/UNEP)**
- Active member of the European Network **Active and healthy aging**
- **Bionutrinet** "Organic foods consumption: predictors and motives as regards sustainability, nutritional impact, economic, environmental and toxicological factors" (Principal Investigator: E Kesse-Guyot, EREN) – ANR ALID 2014-2017
- **GlutN** "Wheat and specific breads to solve gluten sensitivity" – ANR 2018-2022
- **PAV** "Rebalancing of plant and animal proteins" – INRA DID'it metaprogramme PAV 2016-2018
- **MEDINA** "Promoting sustainable Mediterranean food systems for good nutrition and health" – ANR TRANSMED 2013-2016 (partner)

- Adherence to nutritional guidelines and cardiovascular risk factors (Principal Investigator: E Kesse-Guyot, EREN) – Fondation cœur et artères 2011-2014
- **Compalimage** " Dietary pattern and aging" (Principal Investigator: S Hercberg, EREN) – ANR PNRA 2006-2010
- Coordination of Workshop on "Nutrition and aging" (Principal Investigator: E Kesse-Guyot, EREN) – Ateliers Condorcet 2012-2013

#### MEMBERSHIP AND LEADERSHIP

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##### Internal

- Member of EREN steering committee
- Co-coordinator of the SU.VI.MAX 2 study (since 2005)
- Co-investigator of the NutriNet-Santé study (since 2008)

##### External

- Member of the Scientific Committee of the French Nutrition Society (SFN)
- Member of the Expert Committee in Nutrition of the French Food Safety Agency (ANSES)
- Member of the Internal Organic Food Committee INRA (representative of the human nutrition department)
- Member of the Participatory Science Group INRA (representative of the human nutrition department)
- Member of other societies: Network Nutrition - Cancer Research (Nacre), French Epidemiologists Society (ADELF), French Nutrition Society (SFN), French society for Studies and Research on Obesity (afero), French Society of Public Health (SFSP)

#### Teaching and supervisory activities

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- **2015-2017:** Master 1 *Human Nutrition and Public Health*, University of Paris 13: **Director of the** Nutritional Epidemiology track
- **2009-2017:** Master 2 *Human Nutrition and Public Health*, University of Paris 13: **Director of the** Nutritional Epidemiology track
- **2009-2017:** Master 2 *Nutrition and Public Health*, University of Paris 13: **Lectures on Dietary patterns** (3h/year), "Data collection methods in nutritional epidemiology (4h/year)
- **2009-2017:** Master 1 *Physical Activity*, University of Paris 13 : **Lectures on** " Data collection methods in nutritional epidemiology " (4h/year)
- **2008-2017:** Agroparistech (3<sup>rd</sup> year, Human Nutrition track): Lecture "**Dietary patterns**" (2h/year)
- **+ Other lectures:** Master 2 Biology of aging, Master 1 and Master 2, *Dietary Needs and Disease Prevention*, University of Versailles Saint-Quentin, Graduate School of Public Health, University of Paris-Sud 11, etc.
- **Supervisory activities, undergraduate and graduate level**

#### 5 RECENT INVITED CONFERENCES

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- Lairon D\* & **Kesse-Guyot E.** Organic Foods in the Mediterranean Diet. 1st world conference on the Mediterranean Diet, 1-8 juillet 2016, Milan, Italy.
- **Kesse-Guyot E.** Bionutrinet, a research program to study organic diet and health. 3rd Organic Food Systems Program meeting (workshop), 19 avril 2016, Copenhagen, Denmark.
- **Kesse-Guyot E.** Sustainable profiles of consumers/Profils durables de consommateurs, la place du bio. 4ème séminaire du DIM-Astrea sur la recherche en agriculture biologique en Île-de-France, 29 mars 2016, Paris, France.
- **Kesse-Guyot E.** Organic food consumers profiles from the large Nutrinet cohort follow-up in France. 12th FENS European Nutrition Conference, 20-23 Octobre 2015, Berlin, Allemagne. Ann Nutr Metab 2015;67(suppl 1):1–601.

- **Kesse-Guyot E**, Dietary indexes and health the example of the “Programme National Nutrition Santé-guidelines score”. Foodpol Workshop « Economics and Epidemiology of Food Policies», 7 et 8 avril 2015, Toulouse, France.

#### 5 RECENT PRESENTATIONS IN SCIENTIFIC CONFERENCES

##### + 250 presentations in French and International congresses (oral communication or poster)

- **Kesse-Guyot E**, Baudry J, Lairon D. An epidemiological study in humans (NutriNet-santé study): a relevant tool to address the sustainability of diets and food systems. Sustainable Diets in the context of Sustainable Food Systems - Technical Workshop, 12-13 July 2017, FAO, Rome, Italie.
- **Kesse-Guyot E**. Pratiques alternatives en matière d'alimentation ? Quelles sont les caractéristiques des individus qui adoptent ces pratiques émergentes ? Quels sont les modes de diffusion de ces pratiques ? Workshop 'Alimentation Durable' Méta-programme Did'it INRA, 10 mai 2017, Paris.
- **Kesse-Guyot E**. Bionutrinet, a research program to study organic diet and health. 3rd Organic Food Systems Program meeting (workshop), 19 avril 2016, Copenhague, Danemark.
- **Kesse-Guyot E**. Profils durables de consommateurs, la place du bio. 4ème séminaire du DIM-Astrea sur la recherche en agriculture biologique en Île-de-France, 29 mars 2016, Paris, France.
- **Kesse-Guyot E**. Organic food consumers profiles from the large Nutrinet cohort follow-up in France. 12th FENS European Nutrition Conference, 20-23 Octobre 2015, Berlin, Allemagne. Ann Nutr Metab 2015;67(suppl 1):1-601.

#### SOME BOOKS AND REPORTS

- Andreeva VA, **Kesse-Guyot E**. Nutrition and cognition in the context of aging: the role of dietary patterns. In: Nutrition for brain health and cognitive performance. Best T, Dye L. (Eds.) London: Taylor and Francis Publishing, 2015.
- Chapter « The impact of organic food on human health » in “Human health implications of organic food and organic agriculture” STOA Report (Science and Technology Options Assessment), **European parliament**
- Report contribution (ANSES): «Update and Revisions of benchmarks on physical activity and physical inactivity – Programme National Nutrition Santé », Ministry of Health, 2015-2016
- Report contribution (ANSES): «Update and Revisions of benchmarks on nutritional guidelines – Programme National Nutrition Santé », Ministry of Health, 2015-2016
- Collective expertise (INRA): « Dietary patterns. Choices of the consumers and nutritional policies», Quae editions, 2012
- Report contribution (INRA/CIRAD): « DuAlline study on sustainable food supplies in developed and developing countries »

#### RECENT SCIENTIFIC PUBLICATIONS

##### **h-index=36, 199 publications in international peer-reviewed journals (about 30 submitted)**

Selection of 15 publications over the 4 past years

Julia C, Martinez L, Allès B, Touvier M, Hercberg S, Méjean C, **Kesse-Guyot E**. Contribution of ultra-processed foods in the diet of adults from the French NutriNet-Santé study. Public Health Nutr. 2017 Jul 13:1-11. doi: 10.1017/S1368980017001367. [Epub ahead of print] PubMed PMID: 28703085.

Assmann KE, Adjibade M, Andreeva VA, Hercberg S, Galan P, **Kesse-Guyot E**. Association Between Adherence to the Mediterranean Diet at Midlife and Healthy Aging in a Cohort of French Adults. J Gerontol A Biol Sci Med Sci. 2017 Apr 29. doi: 10.1093/gerona/glx066. [Epub ahead of print] PubMed PMID: 28460137.

Assmann KE, Lassale C, Galan P, Hercberg S, **Kesse-Guyot E**. Dietary quality and 6-year anthropometric changes in a sample of French middle-aged overweight and obese adults. PLoS One 2014;9(2):e87083.

Assmann KE, Andreeva VA, Jeandel C, Hercberg S, Galan P, **Kesse-Guyot E**. Healthy Aging 5 Years After a Period of Daily Supplementation With Antioxidant Nutrients: A Post Hoc Analysis of the French Randomized Trial SU.VI.MAX. *Am J Epidemiol* 2015 Oct 15;182(8):694-704.

Assmann KE, Lassale C, Andreeva VA, Jeandel C, Hercberg S, Galan P, **Kesse-Guyot E**. A Healthy Dietary Pattern at Midlife, Combined with a Regulated Energy Intake, Is Related to Increased Odds for Healthy Aging. *J Nutr* 2015 Sep;145(9):2139-45.

Assmann KE, Andreeva VA, Camilleri GM, Verger EO, Jeandel C, Hercberg S, Galan P, **Kesse-Guyot E**. Dietary scores at midlife and healthy ageing in a French prospective cohort. *Br J Nutr* 2016 Aug;116(4):666-76.

Baudry J, Mejean C, Peneau S, Galan P, Hercberg S, Lairon D, **Kesse-Guyot E**. Health and dietary traits of organic food consumers: results from the NutriNet-Sante study. *Br J Nutr* 2015 Dec 28;114(12):2064-73.

Baudry J, Touvier M, Alles B, Peneau S, Mejean C, Galan P, Hercberg S, Lairon D, **Kesse-Guyot E**. Typology of eaters based on conventional and organic food consumption: results from the NutriNet-Sante cohort study. *Br J Nutr* 2016 Aug;116(4):700-9.

Collin C, Assmann KE, Andreeva VA, Lemogne C, Hercberg S, Galan P, **Kesse-Guyot E**. Adherence to dietary guidelines as a protective factor against chronic or recurrent depressive symptoms in the French SU.VI.MAX cohort. *Prev Med* 2016 Sep 7;91:335-43.

**Kesse-Guyot E**, Peneau S, Mejean C, Szabo de EF, Galan P, Hercberg S, Lairon D. Profiles of organic food consumers in a large sample of French adults: results from the Nutrinet-Sante cohort study. *PLoS One* 2013;8(10):e76998.

**Kesse-Guyot E**, Andreeva VA, Lassale C, Ferry M, Jeandel C, Hercberg S, Galan P. Mediterranean diet and cognitive function: a French study. *Am J Clin Nutr* 2013 Feb;97(2):369-76.

**Kesse-Guyot E**, Andreeva VA, Lassale C, Hercberg S, Galan P. Clustering of midlife lifestyle behaviors and subsequent cognitive function: a longitudinal study. *Am J Public Health* 2014 Nov;104(11):e170-e177.

Lassale C, Galan P, Julia C, Fezeu L, Hercberg S, **Kesse-Guyot E**. Association between adherence to nutritional guidelines, the metabolic syndrome and adiposity markers in a French adult general population. *PLoS One* 2013;8(10):e76349.

Lassale C, Galan P, Castetbon K, Peneau S, Mejean C, Hercberg S, **Kesse-Guyot E**. Differential association between adherence to nutritional recommendations and body weight status across educational levels: a cross-sectional study. *Prev Med* 2013 Nov;57(5):488-93.

Lelong H, Blacher J, Menai M, Galan P, Fezeu L, Hercberg S, **Kesse-Guyot E**. Association Between Blood Pressure and Adherence to French Dietary Guidelines. *Am J Hypertens* 2016 Aug;29(8):948-58.

Strassner C, Cavoski I, Di CR, Kahl J, **Kesse-Guyot E**, Lairon D, Lampkin N, Loes AK, Matt D, Niggli U, Paoletti F, Pehme S, Rembialkowska E, Schader C, Stolze M. How the Organic Food System Supports Sustainable Diets and Translates These into Practice. *Front Nutr* 2015;2:19.