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| ***School/Department:*** | ***Department of Epidemiology, Erasmus MC*** |
| ***Supervisor information:*** | * ***Prof dr M.A.Ikram*** * [***m.a.ikram@erasmusmc.nl***](mailto:m.a.ikram@erasmusmc.nl) * ***Dr.ir. Trudy Voortman***   *Principal investigator Nutrition & Lifestyle Epidemiology, Life-course epidemiology*   * **Email:** [trudy.voortman@erasmusmc.nl](mailto:trudy.voortman@erasmusmc.nl) * **Website:** www.trudyvoortman.com ; www.erasmus-epidemiology.nl * **Personal honors and grants:** * American Society for Nutrition – Peter Reed Award for outstanding research in macronutrient metabolism, 2018 * Thrasher Pediatric Medical Research Career Award, USA, 2016 * European Association for the Study of Obesity –New Investigators United award, 2017 * European Foundation for the Study of Diabetes Fellowship, 2015 * Selected member of the European Nutrition Leadership Platform (ENLP), 2015-present * **Most important publications:**   Dr. Voortman has so far published 97 international publications, of which 47 as lead author.   * **JAMA** 2016;315(23):2554-63. Plant-based therapies and menopausal symptoms * **BMJ**-British Medical Journal 2017;356:j1000. Dairy consumption and risk of hypertension. * **Lancet** 2018;391(10129):1513-23. Risk thresholds for alcohol consumption. * **The Lancet Diabetes & Endocrinology** 2017;5(5):367-76. Vitamin D in pregnancy and child bone health * **Nature Communications**, 2019 Jan 22;10(1):376. Blood lipid levels and physical activity. * **Gastroenterology** 2018; doi:10.1053/j.gastro.2018.02.024. Dietary patterns in early childhood and celiac disease * **Nature Medicine** 2019; doi: 10.1038/s41591-019-0547-7. Lifestyle and dementia risk. * **BMJ,** 2019. doi: 10.1136/bmj.l4292. Dietary fat and genetic risk of type 2 diabetes. |
| ***Project Title:*** | **Nutrition and Lifestyle and health across the lifecourse: a focus on underlying pathways and mechanisms** |
| ***Abstract:*** | Nutrition and lifestyle affect health throughout the lifecourse: from pregnancy and infancy to old age. In this project, we will evaluate lifestyle (nutrition, physical activity, alcohol use, adiposity) in pregnant women, infants, children, adults and/or elderly; and their impact on aspects of cardiometabolic health. In these projects, we will also focus on underlying mechanisms, making use of for example omics markers, such as DNA methylation, and gut microbiome composition.  The studies are performed within the Nutrition & Lifestyle research line of the Department of Epidemiology using the large population-based Rotterdam Study, a population based study in 15,000 people followed since 1990; the Generation R Study, a birth cohort study in 10,000 mothers and their children; and/or other international cohorts. We closely collaborate with other renowned population-based studies across Europe and the United States, including a long-standing collaboration with the department of Nutrition at Harvard School of Public Health, where several of our students spent some time during their PhD for collaborative projects. |
| ***Requirements of candidate:*** | * We are looking for a highly motivated, bright student to join our very international and multidisciplinary team. For this projects, using big data and often collaborating in consortia, we require strong statistical skills and good communication skills. * The student should have an MD or Master degree in Health Sciences, Epidemiology, Biostatistics or a related field, and should be fluent in English (IELTS≥7.0 (≥6.0 for all subs), TOEFL ≥100 (≥20 for all subs). * We offer: Supervision, data access, advanced courses in epidemiology and biostatistics, research infrastructure, and other training. Your salary and living expenses should be covered by the scholarship. We could help with the scientific part of the proposal. For more information related to this proposal, please contact dr. Trudy Voortman at trudy.voortman@erasmusmc.nl. |

**2020 CSC-PhD programme information will be shared and updated online:**

[**https://www.eur.nl/en/about-eur/erasmus-university-china-center-0/csc-scholarship**](https://www.eur.nl/en/about-eur/erasmus-university-china-center-0/csc-scholarship)

**Application to:** [**EuccChinaOffice@eur.nl**](mailto:EuccChinaOffice@eur.nl) **before March 10, 2020**