

Curriculum vitae Dr. Reynalda Córdova, MSc. MSc.

Contact Information:

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Current Academic Position:

2024-ongoing Senior Scientist, Division of Public Health Nutrition, University of Vienna
2024-ongoing Postdoctoral Researcher, Division of Nutrition and Food Quality, University of Vienna

Higher Education:

2019-2023 PhD Life Science (with distinction) – Nutritional Science, Department of Nutritional Sciences University of Vienna, Austria, Collaboration project with Heinz Freisling from the International Agency for Research on Cancer (IARC) (PhD Project “The association of dietary advanced glycation endproducts (AGEs) intake with cancer risk and potential related pathways to cancer development”)
2022-2023 Master of Science Public Health, Université Paris Cité, France
2015-2019 Master Nutritional Science, University of Vienna, Austria
(Master Thesis “Dietary intake of advanced glycation endproducts (AGES), changes in body weight and obesity development in European adults”)
2012-2015 Bachelor Nutritional Science, University of Vienna, Austria

Work Experience:

2022 Early Career Scientist, Research Training and Fellowship Programme, Nutrition, Cancer, and Multimorbidity (NCM) team at the International Agency for Research on Cancer (IARC) Lyon, France
2019 -2020 Early Career Scientist, Research Training and Fellowship Programme, Nutritional Methodology and Biostatistics Group at the International Agency for Research on Cancer (IARC) Lyon, France
2017 Internship and Awardee of an IARC studentship, Nutritional Methodology and Biostatistics Group at the International Agency for Research on Cancer (IARC), Lyon, France

2016 Internship and Awardee of an IARC studentship, Nutritional Methodology and Biostatistics Group at the International Agency for Research on Cancer (IARC), Lyon, France

Further Training

2022 **Danish Diabetes Academy, Sonderborg, Denmark** – PhD course on Diabetes & Epidemiology

2021 **Data analysis with R** – Practical Training - Winter Semester 2021 Johannes Kepler University (JKU) Linz, Austria

2019 **Programming with R** – Practical Training - Summer Semester 2021 Johannes Kepler University (JKU) Linz, Austria

2019 **Medical University of Vienna, Center for Medical Statistics, Informatics, and Intelligent Systems** – One -day course “An Introduction to Causal Diagrams”

2019 **4th International conference on Mendelian randomization in Bristol, UK**
Mendelian randomization (MR) workshop as part of the MR conference

2019 **Summer School on Modern Methods in Biostatistics and Epidemiology, Treviso, Italy**
Courses: Research Methods in Health: Biostatistics
Survival Analysis

2018 **Summer School on Modern Methods in Biostatistics and Epidemiology, Treviso, Italy**
Courses: Linear Regression for Medical Research
Logistic Regression for Medical Research
Mediation Analyses
Nutritional Epidemiology: Principles and Application to Cancer

Awards & Activities:

2020 Recipient of a DOC Fellowship of the Austrian Academy of Sciences at the Department of Nutritional Science

2019 Recipient of ANS Nutrition Research Award, the Austrian Nutrition Society

List of Publications:

1. Jansana, A., Auguste, A., Kvaskoff, M., Fournier, A., Fontvieille, E., Peruchet-Noray, L., Biessy, C., **Cordova, R.**, Nielsen Petersen, K. E., Tjønneland, A., Katzke, V., Kaaks, R., Ricceri, F., Panico, S., Contiero, P., Sánchez, M. J., Castilla, J., Crous-Bou, M., Heath, A., Aglago, E. K., ... Freisling, H. (2024). Impact of pre-existing cardiometabolic diseases on metastatic cancer stage at diagnosis: a prospective multinational cohort study. *Cancer communications (London, England)*, 10.1002/cac2.12526. Advance online publication. <https://doi.org/10.1002/cac2.12526> IF: 16.2, Q1
2. Peruchet-Noray, L., Sedlmeier, A. M., Dimou, N., Baurecht, H., Fervers, B., Fontvieille, E., Konzok, J., Tsilidis, K. K., Christakoudi, S., Jansana, A., **Cordova, R.**, Bohmann, P., Stein, M. J., Weber, A., Bézieau, S., Brenner, H., Chan, A. T., Cheng, I., Figueiredo, J. C., Garcia-Etxebarria, K., ... Freisling, H. (2024). Tissue-specific genetic variation suggests distinct molecular pathways between body shape phenotypes and colorectal cancer. *Science advances*, 10(16), eadj1987. <https://doi.org/10.1126/sciadv.adj1987> IF: 13.6, Q1
3. Debras, C., **Cordova, R.**, Mayén, A. L., Maasen, K., Knaze, V., Eussen, S. J. P. M., Schalkwijk, C. G., Huybrechts, I., Tjønneland, A., Halkjær, J., Katzke, V., Bajracharya, R., Schulze, M. B., Masala, G., Pala, V., Pasanisi, F., Macciotta, A., Petrova, D., Castañeda, J., Santiuste, C., ... Freisling, H. (2024). Dietary intake of dicarbonyl compounds and changes in body weight over time in a large cohort of European adults. *The British journal of nutrition*, 1–13. Advance online publication. <https://doi.org/10.1017/S0007114524000503> IF: 3.6, Q2
4. **Cordova, R.**, Viallon, V., Fontvieille, E., Peruchet-Noray, L., Jansana, A., Wagner, K. H., Kyrø, C., Tjønneland, A., Katzke, V., Bajracharya, R., Schulze, M. B., Masala, G., Sieri, S., Panico, S., Ricceri, F., Tumino, R., Boer, J. M. A., Verschuren, W. M. M., van der Schouw, Y. T., Jakszyn, P., ... Freisling, H. (2023). Consumption of ultra-processed foods and risk of multimorbidity of cancer and cardiometabolic diseases: a multinational cohort study. *The Lancet regional health. Europe*, 35, 100771. <https://doi.org/10.1016/j.lanepe.2023.100771> IF: 20.9, Q1
5. Fontvieille, E., Viallon, V., Recalde, M., **Cordova, R.**, Jansana, A., Peruchet-Noray, L., Lennon, H., Heath, A. K., Aune, D., Christakoudi, S., Katzke, V., Kaaks, R., Inan-Eroglu, E., Schulze, M. B., Møllekjær, L., Tjønneland, A., Overvad, K., Farràs, M., Petrova, D., Amiano, P., ... Freisling, H. (2023). Body mass index and cancer risk among adults with and without cardiometabolic diseases: evidence from the EPIC and UK Biobank prospective cohort studies. *BMC medicine*, 21(1), 418. <https://doi.org/10.1186/s12916-023-03114-z> IF: 9.7, Q1
6. Kliemann, N., Rauber, F., Bertazzi Levy, R., Viallon, V., Vamos, E. P., **Cordova, R.**, Freisling, H., Casagrande, C., Nicolas, G., Aune, D., Tsilidis, K. K., Heath, A., Schulze, M. B., Jannasch, F., Srour, B., Kaaks, R., Rodriguez-Barranco, M., Tagliabue, G., Agudo, A., Panico, S., ... Huybrechts, I. (2023). Food processing and cancer risk in Europe: results from the prospective EPIC cohort study. *The Lancet. Planetary health*, 7(3), e219–e232. [https://doi.org/10.1016/S2542-5196\(23\)00021-9](https://doi.org/10.1016/S2542-5196(23)00021-9) IF: 25.7, Q1

7. **Córdova, R.**, Mayén, A. L., Knaze, V., Aglago, E. K., Schalkwijk, C., Wagner, K. H., Overvad, K., Tjønneland, A., Kyrø, C., Katzke, V. A., Cornet, C. L., Schulze, M. B., Birukov, A., Palli, D., Grioni, S., Pasanisi, F., Catalano, A., Sandanger, T. M., Gram, I. T., Skeie, G., ... Freisling, H. (2022). Dietary intake of advanced glycation endproducts (AGEs) and cancer risk across more than 20 anatomical sites: A multinational cohort study. *Cancer communications (London, England)*, 42(10), 1041–1045. 2. <https://doi.org/10.1002/cac2.12343> IF: 16.2, Q1
8. Cierco Jimenez, R., Lee, T., Rosillo, N., **Cordova, R.**, Cree, I. A., Gonzalez, A., & Indave Ruiz, B. I. (2022). Machine learning computational tools to assist the performance of systematic reviews: A mapping review. *BMC medical research methodology*, 22(1), 322. <https://doi.org/10.1186/s12874-022-01805-4> IF: 4, Q1
9. **Cordova, R.**, Kliemann, N., Huybrechts, I., Rauber, F., Vamos, E. P., Levy, R. B., Wagner, K. H., Viallon, V., Casagrande, C., Nicolas, G., Dahm, C. C., Zhang, J., Halkjær, J., Tjønneland, A., Boutron-Ruault, M. C., Mancini, F. R., Laouali, N., Katzke, V., Srouf, B., Jannasch, F., ... Freisling, H. (2021). Consumption of ultra-processed foods associated with weight gain and obesity in adults: A multi-national cohort study. *Clinical nutrition (Edinburgh, Scotland)*, 40(9), 5079–5088. <https://doi.org/10.1016/j.clnu.2021.08.009>. IF: 8, Q1
10. Mayén, A. L., Aglago, E. K., Knaze, V., **Cordova, R.**, Schalkwijk, C. G., Wagner, K. H., Aleksandrova, K., Fedirko, V., Keski-Rahkonen, P., Leitzmann, M. F., Katzke, V., Srouf, B., Schulze, M. B., Masala, G., Krogh, V., Panico, S., Tumino, R., Bueno-de-Mesquita, B., Brustad, M., Agudo, A., ... Freisling, H. (2021). Dietary intake of advanced glycation endproducts and risk of hepatobiliary cancers: A multinational cohort study. *International journal of cancer*, 149(4), 854–864. Advance online publication. <https://doi.org/10.1002/ijc.33612> IF: 7, Q1
11. Aglago, E. K., Rinaldi, S., Freisling, H., Jiao, L., Hughes, D. J., Fedirko, V., Schalkwijk, C. G., Weiderpass, E., Dahm, C. C., Overvad, K., Eriksen, A. K., Kyrø, C., Boutron-Ruault, M. C., Rothwell, J. A., Severi, G., Katzke, V., Kühn, T., Schulze, M. B., Aleksandrova, K., Masala, G., **Cordova R** ... Jenab, M. (2021). Soluble Receptor for Advanced Glycation End-products (sRAGE) and Colorectal Cancer Risk: A Case-Control Study Nested within a European Prospective Cohort. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 30(1), 182–192. <https://doi.org/10.1158/1055-9965.EPI-20-0855> IF: 4, Q2
12. **Cordova, R.**, Knaze, V., Viallon, V., Rust, P., Schalkwijk, C. G., Weiderpass, E., ... & Freisling, H. (2020). Dietary intake of advanced glycation end products (AGEs) and changes in body weight in European adults. *European journal of nutrition*, 59, 2893-2904. <https://doi.org/10.1007/s00394-019-02129-8> IF: 6, Q1