

Publikationen in peer-reviewed Journals

- 2019 Dietrich S*, Jacobs S*, Zheng J-S, Meidtner K, Schwingshackl L, Schulze MB (*SD and SJ contributed equally to the manuscript). Gene-lifestyle interaction on risk of type 2 diabetes: a systematic review. *Obes Rev.* 2019 Sep 2. doi: 10.1111/obr.12921. [Epub ahead of print]
- 2018 Maskarinec G, Jacobs S, Shvetsov Y, Boushey CJ, Setiawan VW, Kolonel LN, Haiman CA, Le Marchand L. Intake of cocoa products and risk of type-2 diabetes: the multiethnic cohort. *Eur J Clin Nutr.* 2018 May 24. doi: 10.1038/s41430-018-0188-9.
- Aigner A, Becher H, Jacobs S, Wilkens LR, Boushey CJ, Le Marchand L, Haiman CA, Maskarinec G. Low diet quality and the risk of stroke mortality: the multiethnic cohort study. *Eur J Clin Nutr.* 2018 Jul;72(7):1035-1045. doi: 10.1038/s41430-018-0103-4. Epub 2018 Feb 9.
- 2017 Maskarinec G, Jacobs S, Amshoff Y, Setiawan VW, Shvetsov YB, Franke AA, Kolonel LN, Haiman CA, Le Marchand L. Sleep duration and incidence of type 2 diabetes: the Multiethnic Cohort. *Sleep Health.* 2018 Feb;4(1):27-32. doi: 10.1016/j.sleh.2017.08.008. Epub 2017 Sep 28
- Maskarinec G, Lim U, Jacobs S, Monroe KR, Ernst T, Buchthal SD, Shepherd JA, Wilkens LR, Le Marchand L, Boushey CJ. Diet Quality in Midadulthood Predicts Visceral Adiposity and Liver Fatness in Older Ages: The Multiethnic Cohort Study. *Obesity (Silver Spring).* 2017 Aug;25(8):1442-1450. doi: 10.1002/oby.21868
- Jacobs S, Boushey CJ, Franke AA, Shvetsov YB, Monroe KR, Haiman CA, Kolonel LN, Le Marchand L, Maskarinec G. A priori-defined diet quality indices, biomarker and risk for type 2 diabetes in five ethnic groups: the Multiethnic Cohort. *Br J Nutr.* 2017. 118(4): p. 312-320.
- Jacobs S, Kroeger J, Schulze MB, Frank LK, Franke AA, Cheng I, Monroe KR, Haiman CA, Kolonel LN, Wilkens LR, Marchand LL, Boushey CJ, Maskarinec G. Dietary Patterns Derived by Reduced Rank Regression are Inversely Associated with Type 2 Diabetes Risk across five Ethnic Groups in the Multiethnic Cohort. *Curr Dev Nutr* 2017 Apr 17;1(5):e000620
- Maskarinec G, Jacobs S, Park SY, Haiman CA, Setiawan VW, Wilkens LR, et al. Type 2 Diabetes, Obesity, and Breast Cancer Risk: The Multiethnic Cohort. *Cancer Epidemiol Biomarkers Prev.* 2017 Jun;26(6):854-861.

- 2016 Jacobs S, Harmon BE, Ollberding NJ, Wilkens LR, Monroe KR, Kolonel LN, Le Marchand L, Boushey CJ, Maskarinec G. Among four diet quality indexes, only the Alternate Mediterranean Diet Score is associated with better colorectal cancer survival and only in African American Women in the Multiethnic Cohort. *J Nutr*. 2016 Sep;146(9):1746-55.
- Maskarinec G, Morimoto Y, Jacobs S, Grandinetti A, Mau MK, Kolonel LN. Ethnic admixture affects diabetes risk in native Hawaiians: the Multiethnic Cohort. *Eur J Clin Nutr*. 2016 Sep;70(9).
- 2015 Jacobs S, Schiller K, Jansen E, Boeing H, Schulze MB, Kröger J. Evaluation of various biomarkers as potential mediators of the association between 5-desaturase, 6-desaturase, and stearyl-coenzyme A desaturase activity and incident type 2 diabetes in the EPIC-Potsdam Study. *Am J Clin Nutr*. 2015 Jul;102(1):155-64.
- Wittenbecher C, Mühlenbruch K, Kröger J, Jacobs S, Kuxhaus O, Floegel A, Fritsche A, Pischon T, Prehn C, Adamski J, Joost, HG Boeing H, Schulze MB. Amino acids, lipid metabolites and ferritin, as potential mediators linking red meat consumption to type 2 diabetes. *Am J Clin Nutr*. 2015 Jun;101(6):1241-50
- Jacobs S, Jäger S, Jansen E, Peter A, Stefan N, Boeing H, Schulze MB, Kröger J. Associations of erythrocyte fatty acids in the de novo lipogenesis pathway with proxies of liver fat accumulation in the EPIC-Potsdam Study. *PLoS One*. 2015 May 18;10(5):e0127368
- Maskarinec G, Jacobs S, Morimoto Y, Chock M, Grandinetti A, Kolonel LN. Disparity in Diabetes Risk Across Native Hawaiians and Different Asian Groups: The Multiethnic Cohort. *Asia Pac J Public Health*. 2015 May;27(4):375-84
- Jäger S, Jacobs S, Köger J, Stefan N, Fritsche A, Weikert C, et al. Association between the Fatty Liver Index and Risk of Type 2 Diabetes in the EPIC-Potsdam Study. *PLoS One*. 2015 Apr 22;10(4):e0124749
- Kröger J, Jacobs S, Jansen E, Fritsche A, Boeing H, Schulze MB. Fatty Acid Fluidity of Erythrocyte Membranes and Risk of Type 2 Diabetes in the EPIC-Potsdam Study. *Diabetologia*. 2015 Feb;58(2):282-9.
- Jacobs S, Harmon BE, Boushey CJ, Morimoto Y, Wilkens LR, Le Marchand L, Kröger J, Schulze MB, Kolonel LN, Maskarinec G. *A priori*-defined Diet Quality Indexes and Risk of Type 2 diabetes: The Multiethnic Cohort. *Diabetologia*. 2015 Jan;58(1):98-112.

- 2014 Floegel A, Wientzek A, Bachlechner U, Jacobs S, Drogan D, Prehn C, Adamski J, Krumsiek J, Schulze MB, Pischon T, Boeing H. Linking diet, physical activity, cardiorespiratory fitness and obesity to serum metabolite networks: findings from a population-based study. *Int J Obes (Lond)*. 2014 Nov;38(11):1388-96
- Jacobs S, Kröger J, Floegel A, Boeing H, Drogan D, Pischon T, Fritsche A, Prehn C, Adamski J, Isermann B, Weikert C, Schulze MB. Evaluation of various biomarkers as potential mediators of the association between coffee consumption and incident type 2 diabetes in the EPIC-Potsdam Study. *Am J Clin Nutr*. 2014 Sep;100(3):891-900.
- Jäger S, Jacobs S, Kröger J, Fritsche A, Schienkiewitz A, Rubin D, Boeing H, Schulze M. Breast-feeding and maternal risk of type 2 diabetes: a prospective study and meta-analysis. *Diabetologia*. 2014 Jul;57(7):1355-65.
- Schiller K, Jacobs S, Jansen E, Weikert C, di Giuseppe R, Boeing H, Schulze MB, Kroger J. Associated factors of estimated desaturase activity in the EPIC-Potsdam study. *Nutr Metab Cardiovasc Dis*. 2014 May;24(5):503-10.
- Jacobs S, Schiller K, Jansen E, Fritsche A, Weikert C, di Giuseppe R, Boeing H, Schulze MB, Kröger J. Association between erythrocyte membrane fatty acids and biomarkers of dyslipidemia in the EPIC-Potsdam study. *Eur J Clin Nutr*. 2014 Apr;68(4):517-25
- 2012 Jacobs S, Bunt CR, Wu Z, Lehr CM, Rupenthal ID. Characterization and evaluation of beta-glucan formulations as injectable implants for protein and peptide delivery. *Drug Dev Ind Pharm*. 2012 Nov;38(11):1337-43
- Jacobs S, Depotarzneiformen für Proteine und Peptide, *Deutsche Apothekerzeitschrift (DAZ)* Ausgabe 10, March 2012

Konferenzbeiträge / Seminare

- Mai 2019 **Poster-Autorenschaft** (Autoren: Thomas Gamstätter und Simone Jacobs): 'What doctors can do against inappropriate prescribing and drug overuse in polypharmacy: a rapid review of clinical trials' auf dem **125. Kongress der Deutschen Gesellschaft für Innere Medizin (DGIM)** (Wiesbaden)
- Oktober 2018 Teilnahme an dem **5. Deutschen Kongress für Patientensicherheit bei medikamentöser Therapie** (Berlin). Die Verbesserung der interdisziplinären Zusammenarbeit zwischen Pflegekräften, Apothekern, und Ärzten war einer der Schwerpunkte des Kongresses.
- August 2016 **Posterpräsentation:** 'Four a priori-defined Diet Quality Indexes and Survival among Men and Women with Colorectal Cancer: The Multiethnic Cohort' auf dem **DGEpi** (Deutsche Gesellschaft für Epidemiologie)-Kongress (München)
- April 2015 **Posterpräsentation:** 'Evaluation of various biomarkers on a potential mediating role of the relation between the $\Delta 5$ -desaturase-, $\Delta 6$ -desaturase- and Stearoyl-CoA-desaturase activity and incident type 2 diabetes in the EPIC-Potsdam Study' auf dem **EDEG** (European Diabetes Epidemiology group)-Kongress (Paris, Frankreich)
- Februar 2015 **Powerpoint-Präsentation:** 'Evaluation of various biomarkers on a potential mediating role of the relation between the $\Delta 5$ -desaturase-, $\Delta 6$ -desaturase-, and Stearoyl-CoA-desaturase activity and incident type 2 diabetes in the EPIC-Potsdam Study' auf dem **DGE** (Deutsche Gesellschaft für Ernährung)-Kongress (Halle)
- September 2014 **Posterpräsentation:** 'A priori-defined diet quality indexes and risk of type 2 diabetes: the Multiethnic Cohort.' auf dem **EASD** (European Association for the Study of Diabetes)-Kongress (Wien, Österreich)
- März 2014 **Powerpoint-Präsentation:** 'Evaluation of various biomarkers as potential mediators of the association between coffee consumption and incident type 2 diabetes in the EPIC-Potsdam Study' auf dem **EDEG** (European Diabetes Epidemiology group)-Kongress (Cagliari, Sardinien)
- September 2013 **Powerpoint-Präsentation:** 'Association between erythrocyte membrane fatty acids and biomarkers of dyslipidemia in the EPIC-Potsdam study' auf dem **DGEpi**-Kongress (Leipzig)
31. Juli -
2. August 2008 Teilnahme an einem Seminar (ARS Pharmaceutica) der **DGOP** (Deutsche Gesellschaft für Onkologie) zur besseren Versorgung von Krebspatienten (Hamburg)