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Professional Qualifications

1976 MD, Universität Heidelberg, Germany
1977 Dr.med. (Biochemistry), Universität Heidelberg, Germany
1983 Clinical Chemist (German Society of Clinical Chemistry, Cologne, Germany)
1986 Board Certification in Laboratory Medicine (Ärztchamber Nordbaden, Germany)
1992 PhD (Dr.med.habil. Laboratory Med Clin Biochemistry), Freie Universität Berlin

Major Appointments and Professional Affiliations

1976-1977 Postdoctoral Fellow, Bioinformatics, Max-Planck-Institut, Nutrition, Dortmund
1978-1979 Resident in Internal Medicine, Medical University Hospital, Heidelberg
1978-1987 Research Fellow, Clinical Institute for Cardiovascular Research, Heidelberg
1979-1985 Clinical Fellow in Laboratory Medicine, Medical University Hospital Heidelberg
1985-1987 Deputy Director, Central Hospital Laboratories, Universität Heidelberg
1986-1987 Medical Director, Nutrition Services, Medical Univ. Hospital, Heidelberg
1987-1992 Deputy Director, Institute Clin Chem & Biochem, Freie Universität Berlin
1990-present Editorial Board, Clinical Laboratory
1992-1994 Privatdozent, Clinical Chemistry and Biochemistry, Freie Universität Berlin
1992-present Professor, Nutrition, Schools of Med./Public Health, UNC-Chapel Hill
1996-1999 Member, CET review panel, CDMRP Breast Cancer Research Program
2000-2008 Chair, CET review panel, CDMRP Breast Cancer Research Program
2003 Member, CET review panel, CDMRP Prostate Cancer Research Program
2004-2010 Chief Science Officer, PogoHealth Inc.
2008-2009 External Site Visitor, Pre-Clinical Sciences, University West Indies, Trinidad
2008-2010 Chair, Con-CET review panel, CDMRP Breast Cancer Research Program
2008-2009 Member, grant review panel, Komen Breast Cancer Research Program
2009 Member, grant review panel, Salud America, RW Johnson Foundation
2009-2012 Member, ASN Sub-Committee for Professional Nutrition Education
2010 Member, BRCP Idea awards, CDMRP Breast Cancer Research Program
2010 Chair, Ad-Hoc panels, CDMRP Breast Cancer Research Program
2010-present Faculty member, UNC Nutrition Research Institute, Kannapolis, NC
2011 Member, MBG review panel, CDMRP Breast Cancer Research Program
2012 Member, CET-1 review panel, CDMRP Breast Cancer Research Program
2014-2018 President-Elect/Secretary, International Society of Nutrigenetics/Nutrigenomics
2014 Member, ASN Clinical Conference Program Committee
2014-2018 Co-editor, Principles of Nutrigenetics and Nutrigenomics, Elsevier
2015 President, 9th Congress, International Society of Nutrigenetics and Nutrigenomics
2015-2017 Member, Intern. Scientific Committee, 2017 IUNS Internatl. Congress Nutrition

2016-present Associate editor, Frontiers Nutrigenomics
2016-present Member, IUNS Task Force on Precision Nutrition
2016-present Visiting Fellow, Wolfson College, University of Cambridge, UK
2018-2021 President, International Society Nutrigenetics/Nutrigenomics
2018-present Principal Advisor, Network Engagement Panel, NNEdPro Group, Cambridge, UK
2018-present Founding Editor-in-Chief, BMJ Nutrition, Prevention & Health
2020 Member, NO-ED review panel CDMRP Research Program
2021 Chair, FP-NO review panel CDMRP Research Program
2021 Fellow, International Academy of Nutrition Educators
2021 Fellow, American Society of Nutrition

Recent Awards

2013 UNC Nutrition Department Delta Omega Faculty Award
2013 Roland Weinsier Award for Excellence in Medical/Dental Nutrition Education, American Society for Nutrition
2017 North Carolina Dietetic Association Circle Award
2020 UNC Nutrition Department Faculty Excellence Award
2020 American Society of Nutrition Excellence in Nutrition Education Award
2021 IANE Faculty Member of the Year Award

Current Membership in Professional Organizations

American Society of Nutrition
International Academy of Nutrition Educators (IANE)
International Society of Nutrigenetics/Nutrigenomics

Main research and teaching activities

Dr. Kohlmeier's expertise is in laboratory diagnostics, nutritional genetics and the use of computers for professional and lay nutrition education. He has more than thirty years of experience in nutrition research, using in-vitro and animal studies, clinical trials of nutrients and other dietary supplement ingredients, and national nutrition surveys. He has developed novel biochemical methods for the assessment of dietary intake and nutrient adequacy. He authored a comprehensive textbook on nutrient metabolism, a widely used textbook on Nutrigenetics, and is co-editor of a compendium on the principles of Nutrigenetics and nutrigenomics. and he is the lead author and developer of numerous on-line nutrition courses for medical students, physicians and other healthcare professionals.

Dr. Kohlmeier is director of the Human Research Core (HRC) and Nutrigenetics Laboratory at the UNC Nutrition Research Institute in Kannapolis, NC. The HRC uses state-of-the-art instruments and methods for human nutrition research including for whole-room indirect calorimetry, ultrasound, transient elastography, sonography (liver, carotid arteries, flow-mediated dilation of brachial arteries), dynamometry, body composition assessment with DEXA and BodPod. The focus of much of the research there is on seeking to understand how responses to nutrition interventions differ between individuals.

Dr. Kohlmeier's research has focused on the influence of genetic variation as a modulator of nutrient disposition and on the assessment of nutritional status of normal populations and its impact on health. He has developed innovative software tools for personalized nutrition guidance that operate on computers as well as mobile devices. A recently completed platform collates a wide range of individual information and can integrate genetic and other complex data as available. The user gets individual guidance including highly variable personalized meal plans.

He has taught courses in biochemistry, pathophysiology, laboratory medicine and nutrition at several universities for more than thirty years. He has initiated the Train Nutrition Trainers (TNT)

network of medical nutrition educators at the American Society for Nutrition and is director of the Nutrition in Medicine (NIM) and Nutrition Education for Practicing Physicians (NEPP) projects, and is currently establishing a training course for physicians in Precision Nutrition.

A SELECTION OF RECENT PRESENTATIONS

Kohlmeier M. *Nutrition Risk for COVID-19*. Seminar presentation at Imperial College London, November 17, 2021

Kohlmeier M. *Taste testing in educational and clinical practice*. Annual Congress of the International Society of Nutrigenetics/Nutrigenomics, Timisora, Romania, September 27, 2021

Kohlmeier M. *Rationale for Nutrigenetic Guideline Development*. Annual Congress of the International Society of Nutrigenetics/Nutrigenomics, Timisora, Romania, September 28, 2021

Kohlmeier M. *Prioritising nutrition in health system responses to COVID-19: lessons and future challenges of the pandemic*. NNEdPro 7th International Summit: Conference on Medical and Public Health Nutrition Education and Research, University of Cambridge, UK, July 7, 2021

Kohlmeier M. *Precision Nutrition in clinical Practice*. NNEdPro Nutrition Summer School, University of Cambridge, UK, May 15, 2021

Kohlmeier M. *Precision Nutrition in Medicine*. Gastroomics and Precision Nutrition, IUNS and University of Basque Country, August 20, 2020

Kohlmeier M. *Nutrigenetics and research in Diabetes Mellitus*. E-Launch IAPEN, Bangalore, India, August 15, 2020

Kohlmeier M. *Nutrigenetics and Laboratory Diagnostics*. Regional Meeting of NCAND, Gastonia, USA, March 6, 2020

Kohlmeier M. *Genetic testing and Personalized Nutrition: Implications for Dietary Recommendations, Food Choices and Nutrition Care for Patients*. 118th Abbott research Conference, Future of Personalize Nutrition, Nutriomics, and Digital Health. October 8, 2019

Kohlmeier M. *Weaving together omics and food intake patterns*. Introduction to the Annual Congress of the International Society of Nutrigenetics/Nutrigenomics, Cambridge, UK, July 12, 2019

Kohlmeier M. *NGx case studies as teachable moments in nutrition education for health professionals*. NNEdPro 5th International Summit: Conference on Medical and Public Health Nutrition Education and Research, University of Cambridge, UK, July 9, 2019

Kohlmeier M. *Practicum in Precision Nutrition*. NNEdPro Nutrition Summer School, University of Cambridge, UK, July 8, 2019

Kohlmeier M. *The long road to precision nutrition*. Arizona State University, Phoenix, Building Healthy Lifestyles Conference, February 2, 2019

Kohlmeier M. *Reducing imprecision of nutrition guidance*. Arizona State University, Phoenix, Building Healthy Lifestyles Conference, February 1, 2019

Kohlmeier M. *Nutrition is a hard science*. NNEdPro 4th International Summit: Conference on Medical and Public Health Nutrition Education and Research, University of Cambridge, UK, July 20, 2018

Kohlmeier M, Dong O. *CKM genetic variants and muscle vulnerability to exercise*. Nutrition 2018, Annual Congress of the American Society of Nutrition, Boston, June 16, 2018

Kohlmeier M. *Precision nutrition*. UNC Nutrition Research Institute Symposium on Precision Nutrition, Kannapolis, May 1, 2018

Kohlmeier M. *Better education → precision nutrition*. ‘What should I eat, Doc’ Nutrition Symposium, Duke University, Durham, NC, March 28, 2018

Kohlmeier M. *The long road to precision nutrition*. Catalyst Symposium, North Carolina Research Campus, Kannapolis, NC, March 23, 2018

Kohlmeier M. *Eat Right! Precision nutrition in dietetic practice*. NCAND Annual Regional Meeting, Gastonia, March 1, 2018

Kohlmeier M. *Precision nutrition to better meet individual patient needs*. NCCRN Fall Meeting, Greensboro, NC, October 27, 2017

Kohlmeier M. *How to make the most of high-density genetic data for nutrition research*. Keynote presentation at the IUNS International Congress of Nutrition, Buenos Aires, Argentina, October 18, 2017

Kohlmeier M. *Nutrigenomics case studies as teachable moments in nutrition education for health professionals*. IUNS International Congress of Nutrition, Buenos Aires, Argentina, October 19, 2017

Kohlmeier M. *Current state of computer-support for genotype-based for nutrition and lifestyle guidance*. IUNS International Congress of Nutrition, Buenos Aires, Argentina, October 19, 2017

Kohlmeier M. *Establishing ISNN Guidelines for Genotype-Specific Nutrition Targets*. 11th Annual ISNN Congress, Los Angeles, September 19, 2017

Kohlmeier M, Dong O. *ISNN Training Course: Nutrigenetics in Practice*. 11th Annual ISNN Congress, Los Angeles, September 16, 2017

Kohlmeier M. *Overview of medical nutrition education surveys 2000-2016*. Advancing Nutrition Training and research for medical students, residents, fellows, attending physicians and other clinicians. NHLBI Bethesda, September 7, 2017

Kohlmeier M. *New Frontiers in Human Nutrition Research: An overview of nutrigenetics and nutrigenomics*. Cambridge, July 28, 2017

Kohlmeier M. Three lectures and two workshops on nutrigenetics, 4-day course on Nutrigenetics and Nutrigenomics, UNC Nutrition Research Institute Kannapolis, NC, May 22-25, 2017

Kohlmeier M. *Training Nutrition Trainers*. Experimental Biology Symposium (ASN/NNEdPro Nutrition Educators Meeting), organization and presentation, Chicago, April 20, 2017

Kohlmeier M. *Practical implementation of personalized nutrition goals*. Jahrestagung der Schweizer Gesellschaft für Ernährung, Bern, Schweiz, September 1, 2016

Kohlmeier M. *Using Genetic Information for Adapting Nutrition Plans to Individual Needs*. Eighth Annual Next Generation Diagnostics Summit, Washington, DC, August 26, 2016

Kohlmeier M. *The Great Nutrient Debate: Dietary Guidelines for Macronutrients*. 3rd Annual International Summit Medical Nutrition Education and Research, Cambridge, UK, June 17, 2016

Kohlmeier M. *Nutrition and precision medicine: The wave of the future*. Keynote lecture at the Cambridge-India International Symposium on Nutrition, Diabetes and Personalised Medicine, Kolkata, India, February 8, 2016

Kohlmeier M. *Teaching Population Health: Innovative Medical School Curricula on Nutrition*. AAMC-CDC Cooperative Agreement Webinar Series, January 20, 2016

Kohlmeier M. *Practical uses of nutritional genetics*. Keynote presentation, Annual Congress Romanian Society of Medical Genetics, Orastie, Romania, October 8, 2015

Kohlmeier M. *Learning about metabolomics with online instruction*, NIH Metabolomics Program Annual Meeting, Lexington, Kentucky, September 27, 2015

Kohlmeier M. *Computer-assisted genotype-specific nutrition guidance*. NuGO Week, Barcelona, September 8, 2015

Kohlmeier M. *Integrating nutritional genomics in the medical school curriculum*. International Summit of the NNEdPro Network, Wolfson College, Cambridge University, UK, August 8, 2015

Kohlmeier M. *Medical nutrition education in the US*. Inaugural Lecture at the Symposium of the NNEdPro Foundation. Wolfson College, Cambridge University, UK, February 7, 2015

Kohlmeier M. *Getting nutrition right*. Lecture at Poznan University, Poland, December 17, 2014

Kohlmeier M. *An inventory of high-utility variants for guiding nutrition decisions*. ASN Advances and Controversies in Clinical Nutrition, National Harbor, MD, December 5, 2014

Kohlmeier M. *How effective is genome-based nutrition?* Grand Rounds, Geelong/Deakin Clinical School, Deakin University, Geelong, Australia, May 6, 2014

Kohlmeier M. *Medical nutrition education*. Congressional Briefing on the EAT Healthy and ENRICH bills, Washington, DC, April 4, 2014

A SELECTION OF PUBLICATIONS

- Kohlmeier M**, Baah E. When Mendelian randomization fails. *BMJ Nutrition, Prevention & Health* 2021;0. doi:10.1136/bmjnph-2021-000265
- Zhu J, Liu YH, He XL, **Kohlmeier M**, Zhou LL, Shen LW, Yi XX, Tang QY, Cai W, Wang B. Dietary choline intake during pregnancy and PEMT rs7946 polymorphism on risk of preterm birth: A case-control study. *Ann Nutr Metab.* 2021 Jan 27;1-10. doi: 10.1159/000507472. PMID: 33503637
- McAuliffe S, Ray S, Fallon E, Bradfield J, Eden T, **Kohlmeier M**. Dietary micronutrients in the wake of COVID-19: An appraisal of evidence with a focus on high-risk groups and preventative healthcare. *BMJ Nutrition, Prevention & Health* 2020;0:e0000100. doi:10.1136/bmjnph-2020-0000100
- Kohlmeier M**. Avoidance of vitamin D deficiency to slow the Covid-19 pandemic. *BMJ Nutrition, Prevention & Health* 2020;0:e000096. doi:10.1136/bmjnph-2020-000096
- Lanham-New SA, Webb AR, Cashman KD, Buttriss JL, Fallowfield JL, Masud T, Hewison M, Mathers JC, Kiely M, Welch AA, Ward KA, Magee P, Darling AL, Hill TR, Greig C, Smith CP, Murphy R, Leyland S, Bouillon R, Ray S, **Kohlmeier M**. Vitamin D and SARS-CoV-2 Virus/COVID-19 disease. *BMJ Nutrition, Prevention & Health* 2020;0. doi:10.1136/bmjnph-2020-000089
- Herda TJ, Ryan ED, **Kohlmeier M**, Trevino MA, Gerstner GR, Roelofs EJ, Miller JD. Muscle cross-sectional area and motor unit properties of the medial gastrocnemius and vastus lateralis in normal weight and overfat children. *Exp Physiol* 2020;105(2):335-346 PMID:31785108
- Nieman DC, Simonson A, Sakaguchi CA, Sha W, Blevins T, Hattabaugh J, **Kohlmeier M**. Acute ingestion of a mixed flavonoid and caffeine supplement increases energy expenditure and fat oxidation in adult women: A randomized, crossover trial. *Nutrients* 2019;11(11). pii: E2665
- Van Horn L, Lenders CM, Pratt CA, Beech B, Carney PA, Dietz W, DiMaria-Ghalili R, Harlan T, Hash R, **Kohlmeier M**, Kolasa K, Krebs NF, Kushner RF, Lieh-Lai M, Lindsley J, Meacham S, Nicastro H, Nowson C, Palmer C, Paniagua M, Philips E, Ray S, Rose S, Salive M, Schofield M, Thompson K, Trilk JL, Twillman G, White JD, Zappalà G, Vargas A, Lynch C. Advancing nutrition education, training, and research for medical students, residents, fellows, attending physicians, and other clinicians: Building competencies and interdisciplinary coordination. *Adv Nutr* 2019;10(6):1181-1200 PMID:31728505 PMC6855992
- Kohlmeier M**. Counterbalancing the uncertainties of medical nutrition education with effective online instruction. *Nestle Nutr Inst Workshop Ser* 2019;92:133-142 PMID:31779008
- Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and **Martin Kohlmeier**. Elsevier, 2019
- Kohlmeier M**. Molecular biology of genetic variants. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 11-16
- Kohlmeier M**. Epistemology of nutrigenetic knowledge. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 107-112

- Kohlmeier M.** Vitamin C. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 59-66
- Kohlmeier M.** Iron. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 157-159
- Kohlmeier M.** Trace elements. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019 pp. 163-164
- San-Cristobal R, Navas-Carretero S, **Kohlmeier M**, Martinez JA. Nutrigenetics-based intervention studies. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 499-508
- Kohlmeier M.** Genetically informed nutrition guidance. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 509-512
- Kohlmeier M.** Setting genome-directed guidelines and algorithms. In Principles of Nutrigenetics and Nutrigenomics: Fundamentals of Individualized Nutrition. Edited by Raffaele De Caterina, J. Alfredo Martinez and Martin Kohlmeier. Elsevier, 2019, pp. 525-528
- Kohlmeier M.** Overblown claims. *BMJ Nutrition, Prevention & Health* 2018;0:10.1136/bmjnp-2018-000015
- Kohlmeier M.** Nutrition is a hard science. *BMJ Nutrition, Prevention & Health* 2018;0:1-2
- Herda T, Ryan E, **Kohlmeier M**, Trevino M, Gerstner G, Roelofs E, Miller J. Examination of muscle morphology and neuromuscular function in normal weight and overfat children aged 7 to 10 years. *Scand J Med Sci Sports* 2018;28:2310-2321 PMID 29959874
- Ray S, **Kohlmeier M**, Giuseppe Grosso, James Bradfield, Nida Ziauddeen. Nutrition Are Health Professionals and Tomorrow's Doctors up to the Task of Translating Nutrition Science to Practice? (Response to Dietary guidelines and health – Is nutrition science up to the task? By Mozzafarian and Farouhi) *BMJ* 2018;360:k822
<https://www.bmj.com/content/360/bmj.k822/rr-12>
- Kohlmeier M.** Improving nutrition precision. (Response to Dietary guidelines and health – Is nutrition science up to the task? By Ordovas et al.) *BMJ* 2018;361:bmj.k2173
<https://www.bmj.com/content/361/bmj.k2173/rr>
- Kohlmeier M.** Precision nutrition guidelines. (Response to Dietary guidelines and health – Is nutrition science up to the task? By Mozzafarian and Forouhi) *BMJ* 2018;360:k822
<https://www.bmj.com/content/360/bmj.k822/rr-0>
- Goodson SG, White S, Stevans AM, Bhat S, Kao CY, Jaworski S, Marlow TR, **Kohlmeier M**, McMillan L, Zeisel SH, O'Brien DA. CASAnova: a multiclass support vector machine model for the classification of human sperm motility patterns. *Biol Reprod* 2017;97(5):698–708
- Ramos-Lopez O, Milagro FI, Allayee H, Chmurzynska A, Choi MS, Curi R, De Caterina R, Ferguson LR, Goni L, Kang JX, **Kohlmeier M**, Marti A, Moreno LA, Pérusse L, Prasad C, Qi L, Reifen R, Riezu-Boj JI, San-Cristobal R, Santos JL, Martínez JA. Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition

Involving the Prevention and Management of Chronic Diseases Associated with Obesity. *J Nutrigenet Nutrigenomics*. 2017;10(1-2):43-62 PMID:28689206

- Laur C, Ball L, Ahankari AS, Avdagovska M, Crowley J, Deen D, Douglas P, Hark L, **Kohlmeier M**, Luzi L, McCotter L, Martyn K, Nowson C, Wall C, Ray S. Proceedings of the inaugural International Summit for Medical Nutrition Education and Research. *Public Health* 2016;140:59-67
- Kohlmeier M, De Caterina R, Ferguson LR, Görman U, Allayee H, Prasad C, Kang JX, Nicoletti CF, Martinez JA. Guide and Position of the International Society of Nutrigenetics Nutrigenomics on Personalized Nutrition: Part 2: Ethics, Challenges and Endeavors of Precision Nutrition. *J Nutrigenet Nutrigenom* 2016;9:28-46 PMID: 27286972
- Ferguson LR, De Caterina R, Görman U, Allayee H, **Kohlmeier M**, Prasad C, Choi MS, Curi R, de Luis DA, Gil A, Kang JX, Martin RL, Milagro FI, Nicoletti CF, Nonino CB, Ordovas JM, Parslow VR, Portillo MO, Santos JL, Serhan CN, Simopoulos AP, Velasquez-Arellano A, Zulet MA, Martinez JA. Guide and position of the International Society of Nutrigenetics/Nutrigenomics on personalized nutrition: Part 1: Fields of precision nutrition. *J Nutrigenet Nutrigenomics* 2016;9:12-27
- Kohlmeier M**. Practical uses of nutritional genetics. *Rom J Rare Dis Supp* 1, 9. 2015
- Kohlmeier M**. Nutrient Metabolism: Structures, Functions and Genes, 2nd Ed. Academic Press, San Diego, 2015, 898 pp. ISBN 9-7801-2387-7-840
- Kohlmeier M**, Nowson C, DiMaria-Ghalili RA, Ray S. Nutrition education for the healthcare professions. *J Biomed Ed* 2015 (<http://www.hindawi.com/journals/jbe/2015/380917/>)
- Briggs Early K, Adams KM, **Kohlmeier M**. Analysis of nutrition education in osteopathic medical schools. *J Biomed Ed* 2015 (<http://www.hindawi.com/journals/jbe/aa/376041/>)
- Adams KM, Butsch WS, **Kohlmeier M**. The state of nutrition education at US medical schools. *J Biomed Ed* 2015 (<http://www.hindawi.com/journals/jbe/2015/357627/>)
- Kris-Etherton PM, Akabas SR, Douglas P, **Kohlmeier M**, Laur C, Lenders CM, Levy MD, Nowson C, Ray S, Pratt CA, Seidner DL, Saltzman E. Nutrition Competencies in Health Professionals' Education and Training: A New Paradigm. *Adv Nutr* 2015;6:83–87
- Lenders CM, Deen DD, Bistrrian B, Edwards MS, Seidner DL, McMahan MM, **Kohlmeier M**, Krebs N. Residency and specialties training in nutrition: a call for action. *Am J Clin Nutr* 2014;99:1167S-73S
- Kushner RF, Horn L, Rock CL, Edwards MS, Bales CW, **Kohlmeier M**, Akabas SR. Nutrition education in medical school: a time of opportunity. *Am J Clin Nutr* 2014;99:1174S-83S
- DiMaria-Ghalili RA, Edwards M, Friedman G, Jaferi A, **Kohlmeier M**, Kris-Etherton P, Lenders C, Palmer C, Wylie-Rosett J. Capacity building in nutrition science: revisiting the curricula for medical professionals. *Ann NY Acad Sci* 2013;1306:21–40
- Jia W, **Kohlmeier M**, Lu A, Zeng R. Translational research in complementary and alternative medicine. *Evid Based Complement Alternat Med* 2013;2013:296817
- Zhu J, Wu L, **Kohlmeier M**, Ye F, Cai W. Association between MTHFR C677T, MTHFR A1298C and MS A2756G polymorphisms and risk of cervical intraepithelial neoplasia II/III and cervical cancer: a meta-analysis. *Mol Med Rep* 2013;8:919-27
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- Kohlmeier M**. Nutrigenetics: Applying the Science of Personalized Nutrition. Academic Press, London, 2012, 395 pp. ISBN 9-780123-859-00-6

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- Kohlmeier M**, Adams K, Zeisel S. Nutrition Education for Practicing Physicians (NEPP). *FASEB J* 2011;25:989.29
- Kohlmeier M**. Genotype-based online nutrition guidance *FASEB J* 2010;24:552.5
- Kohlmeier M**. Anonymization of genetic data for nutrition guidance. *J Nutrigenet Nutrigenomics* 2008;1:303.
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- Adams KM, Lindell KC, **Kohlmeier M**, Zeisel SH. Status of nutrition education in medical schools. *Am J Clin Nutr* 2006;83:941S-944S
- Kohlmeier M**, da Costa KA, Fischer LM, Zeisel SH. Genetic variation of folate-mediated one-carbon transfer pathway predicts susceptibility to choline deficiency in humans. *PNAS* 2005;102:16025-16030
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- Kohlmeier M**. Nutrient Metabolism. Academic Press, London, 2003, 826 pp. ISBN 0-12-417762-X
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- Anderson JJ, Chen X, Boass A, Symons M, **Kohlmeier M**, Renner JB, Garner SC. Soy isoflavones: no effects on bone mineral content and bone mineral density in healthy, menstruating young adult women after one year. *J Am Coll Nutr* 2002;21:388-393
- Kohlmeier M**, Lindell K, Adams K, Fernandez C. Nutrition for the second half of life. The Nutrition in Medicine Series, University of North Carolina, 2002. ISBN 1-888778-22-9
- Kohlmeier M**, Cooksey K, Plaisted C, Adams K. Dietary supplements and fortified foods. The Nutrition in Medicine Series, University of North Carolina, 2001. ISBN 1-888778-08-3
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- Kohlmeier M**, Althouse L, Stritter F, Zeisel SH. Introducing cancer nutrition to medical students: effectiveness of computer-based instruction. *Am J Clin Nutr* 2000;71:873-877
- Plaisted CS, **Kohlmeier M**, Cooksey K, Zeisel SH. The development of Nutrition In Medicine interactive CD-ROM programs for medical nutrition education. *J Canc Ed* 2000;15:140-3

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- Kohlmeier M**, Saupe J, Schaefer K, Asmus G. Bone fracture history and prospective bone fracture risk of hemodialysis patients are related to apolipoprotein E genotype. *Calcif Tiss Int* 1998;62:278-281 PMID: 9083289
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- Kohlmeier M**. Interaction of the apolipoprotein E4 allele and vitamin K status: A possible role in the development of cognitive decline and Alzheimer's dementia. In *Vitamin K and Aging*, Ed. H.Orimo, Intermedd, Tokyo, 1998, pp.23-31
- Kohlmeier M**, Chen XW, Anderson JJB. Vitamin K reduces the IL-6 stimulating effect of PTH in murine osteoblast-like cells. *Bone* 1998;23:S564
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