
Editorials

- 100363 **Rethinking Growth Monitoring and Promotion: Is It Time for A New Approach?**

Jo-Anna B Baxter

- 100383 **Personalized Nutrition and the Regulatory Framework – Moving Forward**

Andrew A Bremer

Perspectives

- 100367 **Perspective: Can Growth Monitoring and Promotion Accurately Diagnose or Screen for Inadequate Growth of Individual Children? A Critical Review of the Epidemiologic Foundations**

Jef L Leroy, Rebecca L Brander, Edward A Frongillo, Leila M Larson, Marie T Ruel, and Rasmi Avula

- 100384 **Perspective: Global Burden of Iodine Deficiency: Insights and Projections to 2050 Using XGBoost and SHAP**

Dan Liang, Li Wang, Panpan Zhong, Jiuxiu Lin, Leyan Chen, Qifang Chen, Shuang Liu, Zhen Luo, Changwen Ke, and Yingsi Lai

- 100382 **Perspective: Challenges for Personalized Nutrition in the Current United States Regulatory Framework and Future Opportunities**

Sharon M Donovan, Mariette Abrahams, Joshua C Anthony, Robert Bergia, Gil Blander, Tristin D Brisbois, Anna-Sigrid Keck, Edwin G Moore, Timothy A Morck, Kristin M Nieman, Jose M Ordovas, Alison Steiber, Barbara L Winters, and Thuyvan Wu

Editors Choice

- 100378 **Perspective: Multiomics and Artificial Intelligence for Personalized Nutritional Management of Diabetes in Patients Undergoing Peritoneal Dialysis**

Sara Mahdavi, Nicole M Anthony, Tabo Sikaneta, and Paul Y Tam

Editors Choice

- 100385 **The Value of Integrating the Nutritional Ecology into the Nutrition Care Continuum—A Conceptual and Systems Approach**

Daniel J Raiten, Alison L Steiber, and Andrew A Bremer

Reviews

- 100376 **Promotion of Healthy Aging Through the Nexus of Gut Microbiota and Dietary Phytochemicals**

Laura M Beaver, Paige E Jamieson, Carmen P Wong, Mahak Hosseinikia, Jan F Stevens, and Emily Ho

- 100375 **Macronutrient Modulation in Metabolic Dysfunction-Associated Steatotic Liver Disease—the Molecular Role of Fatty Acids compared with Sugars in Human Metabolism and Disease Progression**

Sinéad M Mullin, Aidan J Kelly, Méabh B Ní Chathail, Suzanne Norris, Christopher E Shannon, and Helen M Roche

- 100380 **Association between Maternal Lead Exposure from Seafood Consumption and Neurodevelopment: A Systematic Review**

Arin A Balalian, Maureen K Spill, Rachel C Thoeirig, Rupal Trivedi, Sanjoy Saha, Margaret J Foster, and Amanda J MacFarlane

Editors Choice

100381 A New Mediterranean Lifestyle Pyramid for Children and Youth: A Critical Lifestyle Tool for Preventing Obesity and Associated Cardiometabolic Diseases in a Sustainable Context

Rosa Casas, Ana María Ruiz-León, Jesús Argente, Cesarettin Alasalvar, Aadil Bajoub, Isabel Bertomeu, Margherita Caroli, Sara Castro-Barquero, Fatima Crispi, Jacques Delarue, Rodrigo Fernández-Jiménez, Valentin Fuster, Javier Fontecha, Paz Gómez-Fernández, Jordi González-Juste, Christina Kanaka-Gantenbein, Eirini Kostopoulou, Rosa M Lamuela-Raventós, Yannis Manios, Ascensión Marcos, Luis A Moreno, Sonia de Pascual-Teresa, Blanca Raidó-Quintana, Marta G Rivera-Ferre, Gloria Santos-Beneit, Iris Shai, Bessie E Spiliotis, Antonia Trichopoulou, Andrea Vania, Gregorio Varela-Moreiras, Anna Vila-Marti, Walter Willett, Emilio Ros, and Ramon Estruch



Cover image

Mediterranean lifestyle pyramid for children and youth