

VOLUME 16 NUMBER 5 May 2025



#### Editorial

100415 Hook, Line, and Thinker: Seafood Nets Benefits for Neurocognitive Development J Thomas Brenna

### Perspectives

100418 Perspective: Isoflavones—Intriguing Molecules but Much Remains to Be Learned about These Soybean Constituents

Mark Messina, Stephen Barnes, and Kenneth DR Setchell

100420 Perspective: Diet Item Details: Reporting Checklist for Feeding Studies Measuring the Dietary Metabolome (DID-METAB Checklist) – Explanation and Elaboration Report on the Development of the Checklist by the DID-METAB Delphi Working Group Jessica JA Ferguson, Erin D Clarke, Jordan Stanford, María Gómez-Martín, Tammie Jakstas, Clare E Collins, and for the DID-METAB Delphi Working Group

#### **Editor's Choice**

100417 Perspective: Improving Neonatal Registered Dietitian Nutritionist Staffing, Utilization, and Compensation

Stephanie Merlino Barr, Tanis R Fenton, Rosa K Hand, Daniel T Robinson, Jae H Kim, and Sharon Groh-Wargo

#### Reviews

- 100419 Best Practices and Considerations for Conducting Research on Diet-Gut Microbiome Interactions and Their Impact on Health in Adult Populations: An Umbrella Review Tatiana Diacova, Christopher J Cifelli, Cindy D Davis, Hannah D Holscher, Mary E Kable, Johanna W Lampe, Marie E Latulippe, Kelly S Swanson, and J Philip Karl
- 100428 Prognostic and Associative Significance of Malnutrition in Sarcopenia: A Systematic Review and Meta-Analysis

Konstantinos Prokopidis, Giuseppe Dario Testa, Christoforos D Giannaki, Pinelopi Stavrinou, Eirini Kelaiditi, Emiel O Hoogendijk, and Nicola Veronese

100414 Seafood During Pregnancy and Lactation and Child Neurocognitive Development: A Systematic Review

Lauren E O'Connor, Maureen K Spill, Sanjoy Saha, Arin A Balalian, Julie S Davis, and Amanda J MacFarlane

### Editor's Choice

- 100413 Dietary Sugar Intake and Incident Type 2 Diabetes Risk: A Systematic Review and Dose-Response Meta-Analysis of Prospective Cohort Studies Karen A Della Corte, Tyler Bosler, Cole McClure, Anette E Buyken, James D LeCheminant, Lukas Schwingshackl, and Dennis Della Corte
- 100412 Unpacking Food Fermentation: Clinically Relevant Tools for Fermented Food Identification and Consumption

Elisa B Caffrey, Dalia Perelman, Catherine P Ward, Erica D Sonnenburg, Christopher D Gardner, and Justin L Sonnenburg

## **Nutrient Information**

## 100409 Sodium

Pasquale Strazzullo and Veronica Abate

## 100408 Zinc

Liping Huang, Carmen P Wong, and Emily Ho

## Letters to the Editor

# 100411 Impact of Iodine Deficiency Trends on the Pathophysiology of Selected Populations

Nicola De Maio, Fiore Carpenito, Alberto Carpenito, Francesco Turco, Giancarlo Landi, and Margot De Marco

## 100410 Reply to De Marco et al.

Dan Liang, Li Wang, Zhen Luo, Changwen Ke, and Yingsi Lai



Cover image Broad categories of common fermented food by substrate, including microbial category primarily involved in fermentation