



# Nutrition and Dietetics bulletin

## June 2025

**The aim of this current awareness bulletin is to provide a digest of recent articles on Nutrition and Dietetics**

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### Cardiovascular

**The Joint Association of Diet Quality and Sleep Regularity with Incident Cardiovascular Disease in the Multi-Ethnic Study of Atherosclerosis**

Kaitlin S. Potts et al  
Nutrients 17 (11) 1750

**Vitamin D Supplementation in Heart Failure—Confusion Without a Cause?**

Zofia Kampka et al  
Nutrients 17 (11) 1839

**Exploring the Benefits of Extra Virgin Olive Oil on Cardiovascular Health Enhancement and Disease Prevention: A Systematic Review**

Sara Ussia et al  
Nutrients 17 (11) 1843

**Unveiling the Power of Bergamot: Beyond Lipid-Lowering Effects**

Myriam Carpenito et al  
Nutrients 17 (11) 1871

**Adherence to Mediterranean Diet and Implications for Cardiovascular Risk Prevention**

Giulia Frank et al  
Nutrients 17 (12) 1991

### COVID 19/Respiratory

**A Comprehensive Scoping Review on Diet and Nutrition in Relation to Long COVID-19 Symptoms and Recovery**



Galya Bigman et al  
Nutrients 17 (11) 1802

**Nutritional Deficiencies and Management in Tuberculosis:  
Pharmacotherapeutic and Clinical Implications**  
Anca Ionela Făcă 17 (11) 1878

**Dietary Habits, Residential Air Pollution, and Chronic Obstructive  
Pulmonary Disease**  
Dong Liu et al  
Nutrients 17 (12) 2029

## Diabetes

**Effect of Sodium Butyrate Supplementation on Type 2 Diabetes—Literature  
Review**

Wiktorja Krauze et al  
Nutrients 17 (11) 1753

**Do the Types of Dietary Carbohydrate and Protein Affect Postprandial  
Glycemia in Type 1 Diabetes?**

Xinyi Li et al  
Nutrients 17 (11) 1868

**In Search of Healthy Ageing: A Microbiome-Based Precision Nutrition  
Approach for Type 2 Diabetes Prevention**

Adriana González et al  
Nutrients 17 (11) 1877

**Trans Isomeric Fatty Acids in Children and Young Adults with Type 1  
Diabetes Mellitus**

Éva Szabó et al  
Nutrients 17 (11) 1907

**Glycemic Control and Quality of Life Among People with Type 1 Diabetes:  
Relationships with Insulin Therapy and Carbohydrate Counting**

Rui Jorge Dias et al  
Nutrients 17 (12) 1951



**Low-Carb and Ketogenic Diets in Type 1 Diabetes: Efficacy and Safety Concerns**

Emmanouil Korakas et al  
Nutrients 17 (12) 2001

**Beneficial Effect of the Mediterranean Diet on the Reduction of Prediabetes—Results of the Bialystok PLUS Study**

Magdalena Zalewska et al  
Nutrients 17 (12) 2034

**Food Allergy**

**Cow's Milk Allergy in Breastfed Infants: What We Need to Know About Mechanisms, Management, and Maternal Role**

Carlo Caffarelli et al  
Nutrients 17 (11) 1787

**Clinical Phenotypes of Severe Cow's Milk Protein Allergy with Various Responses to Amino Acid-Based Formula**

Łukasz Błażowski et al  
Nutrients 17 (11) 1809

**Parental Motivation for Introducing Babies' First Foods and Common Food Allergens**

Zoe Harbottle et al  
Nutrients 17 (11) 1812

**The Association Between Fast Food Consumption and Inflammatory Bowel Disease: A Case-Control Study and Meta-Analysis**

Anas Almofarreh et al  
Nutrients 17 (11) 1838

**Dietary Interventions and Oral Nutritional Supplementation in Inflammatory Bowel Disease: Current Evidence and Future Directions**

Brigida Barberio et al  
Nutrients 17 (11) 1879

**Global aspects of celiac disease and food allergy**

Samagra Agrawal et al  
Seminars in Immunology 78 101961



## **Gastroenterology**

### **Ginger's nutritional implication on gastrointestinal health**

Lemlem Gebremariam Aregawi et al  
Clinical Nutrition Open Science 61 1-13 (open access)

### **Therapeutic potential of Medical Nutrition Therapy (MNT) in Non-Alcoholic Fatty Liver Disease (NAFLD)**

Abdul-Malik Bawah et al  
Human Nutrition & Metabolism 40 200308

### **Beyond medication: Unveiling the role of diet and lifestyle in fatty liver disease management**

Iahtisham-UI-Haq et al  
Human Nutrition & Metabolism 40 200317

### **Dietary Strategies to Modulate Gut Microbiota in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)**

Federica Perazza et al  
Nutrients 17 (11) 1906

### **Efficacy of a Low-FODMAP Diet on the Severity of Gastrointestinal Symptoms and Quality of Life in the Treatment of Gastrointestinal Disorders—A Systematic Review of Randomized Controlled Trials**

Laura Kuzmin et al  
Nutrients 17 (12) 2045

## **General**

### **The GLIM consensus approach to diagnosis of malnutrition: A 5-year Update**

Tommy Cederholm et al  
Clinical Nutrition 49 11-20

### **The impact of fasting and caloric restriction on rheumatoid arthritis in humans: A narrative review**

Berenice Hansen et al  
Clinical Nutrition 49 178-186



**Nutritional support practices among intensive care unit (ICU) patients, observational study**

May Hamdan et al

Clinical Nutrition Open Science 61 129-137 (Open Access)

**Are ultra-processed plant-based meats better than the alternative?**

Michael Greger

Clinical Nutrition Open Science 61 241-252 (open access)

**Vegetarian Dietary Patterns for Adults: A Position Paper of the Academy of Nutrition and Dietetics**

Sudha Raj et al

Journal of the Academy of Nutrition and Dietetics 125 (6) 831- 846 e1-e2

**The roles of vitamin C in infectious diseases: A comprehensive review**

Runze Lia et al

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**Regulation of lncRNA NUTM2A-AS1 and CCR3 in the Clinical Response to a Plant-Based Diet in Rheumatoid Arthritis: A Pilot Study**

Mario Peña-Peña et al

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**Effects of Nutritional Education and Diet on Obesity and Asthma Progression in Children and Adolescents**

Monika Soczewka et al

Nutrients 17 (11) 1759

**Comparative Analysis of the Nutritional and Sensory Profiles of Commercial Processed Meat Products Made from Beef and Plant-Based Protein**

Soomin Oh et al

Nutrients 17 (11) 1771

**The Impact of Flaxseed (*Linum usitatissimum* L.) Oil Supplementation on Human Health: A Human-Centric Evidence-Graded Approach**

Ying Nie et al

Nutrients 17 (11) 1791



**Creation and Validation of the Brief Healthy Eating Habits Scale (BHEHS-6B, Version 1.0), Based on Harvard's Healthy Eating Plate, in a Sample of Young, Middle-Aged, and Older Peruvian Adults**

David Javier-Aliaga et al  
Nutrients 17 (11) 1795

**What People Want: Exercise and Personalized Intervention as Preferred Strategies to Improve Well-Being and Prevent Chronic Diseases**

Nadia Solaro et al  
Nutrients 17 (11) 1819

**Nutritional Support for Necrotizing Soft Tissue Infection Patients: From ICU to Outpatient Care**

Eftikhar A. Akam et al  
Journal of Clinical Medicine 14 (9) 3167

**Understanding Refeeding Syndrome in Critically Ill Patients: A Narrative Review**

Raffaele Borriello et al  
Nutrients 17 (11) 1866

**Diet in Knee Osteoarthritis—Myths and Facts**

Natalia Kasprzyk et al  
Nutrients 17 (11) 1872

**Nutrient-Driven Antioxidant Interventions for Prevention of Age-Related and Diabetic Cataracts**

Rosa Giglio et al  
Nutrients 17 (11) 1885

**From Soil to Brain: Olive Oil Attributes, Consumer Choices, Intermittent Fasting, and Their Impact on Health**

Ion-Bogdan Dumitrescu et al  
Nutrients 17 (11) 1905

**Recent Research on the Role of Phytochemicals from Ginseng in Management of Osteosarcoma, Osteoporosis, and Osteoarthritis**

See-Hyoung Park  
Nutrients 17 (11) 1911



**Vitamin D in the Transition from Acute to Chronic Pain: A Systematic Review**

Diana Marisol Abrego-Guandique et al  
Nutrients 17 (11) 1912

**A Comparative Analysis of Graphic Models for Enhancing Nutrition Education**

Magdalena Jodkiewicz et al  
Nutrients 17 (12) 1947

**Alginate Oligosaccharide and Gut Microbiota: Exploring the Key to Health**

Meiling Song et al  
Nutrients 17 (12) 1977

**The SIMPLER Nutrition Pathway for Fragility Fractures: A Quality Improvement Initiative**

Jack J. Bell et al  
Nutrients 17 (12) 1987

**Maternal/Neonatal**

**The Effect of Probiotics on Health in Pregnancy and Infants: A Randomized, Double-Blind, Placebo-Controlled Trial**

Sylvie Binda et al  
Nutrients 17 (11) 1825

**Unveiling the Growth Impact of Probiotics in Neonates: To BEgin or Not to BEgin?**

Mustafa Törehan Aslan et al  
Nutrients 17 (11) 1867

**Association of Food-Specific Glycemic Load and Distinct Dietary Components with Gestational Diabetes Mellitus Within a Mediterranean Dietary Pattern: A Prospective Cohort Study**

Antigoni Tranidou et al  
Nutrients 17 (11) 1917



**Nutritional Management for Preterm Infants with Common Comorbidities: A Narrative Review**

Cheng-Yen Chen et al  
Nutrients 17 (12) 1959

**DASH Diet and Preeclampsia Prevention: A Literature Review**

Dimitris Baroutis et al  
Nutrients 17 (12) 2025

**Mental Health/Eating Disorders**

**Keto therapy-unveiling the Potential of ketogenic diet in psychiatric care: A scoping review**

Margherita Boltria et al  
Nutrition 134 112710

**Age-Dependent Gut Microbiome Dysbiosis in Autism Spectrum Disorder and the Role of Key Bacterial Ratios**

Tanya Kadiyska et al  
Nutrients 17 (11) 1775

**The Conclusive and Continuous Tool to Assess Severity and Improvement of Eating Disorders (CONTASI-ED): Development and Psychometric Properties**

Moria Golan et al  
Nutrients 17 (11) 1790

**Influence of Lycopene Intake on Mental Health: A Systematic Review of Randomized Controlled Trials (RCTs)**

Dominika Głabska et al  
Nutrients 17 (11) 1793

**Impact of Vitamin B1 and Vitamin B2 Supplementation on Anxiety, Stress, and Sleep Quality: A Randomized, Double-Blind, Placebo-Controlled Trial**

Yingxuan Tao et al  
Nutrients 17 (11) 1821

**The Path from Childhood Emotional Maltreatment to Disordered Eating Behaviors: The Role of Reflective Functioning and Food Addiction**

Alessandro Alberto Rossi et al





Nutrients 17 (11) 1863

**The Effects of Intensive Residential Treatment for Feeding and Eating Disorders (FEDs) in Adolescence: The Case of an Italian Facility**

Valentina Lorenzoni et al

Nutrients 17 (11) 1904

**Effects of Perceived Stress on Problematic Eating: Three Parallel Moderated Mediation Models**

Haoyu Guo et al

Nutrients 17 (11) 1928

**Nutrient-Wide Association Study for Dementia Risks: A Prospective Cohort Study in Middle-Aged and Older Adults**

Jing Guo et al

Nutrients 17 (12) 1960

**Neurogenerative Diseases/Neurology**

**Microecologics and Exercise: Targeting the Microbiota–Gut–Brain Axis for Central Nervous System Disease Intervention**

Zhixing Peng et al

Nutrients 17 (11) 1769

**A Narrative Review Evaluating Diet and Exercise as Complementary Medicine for the Management of Alzheimer’s Disease**

Amanda N. Szabo-Reed et al

Nutrients 17 (11) 1804

**The Role of Nutraceuticals and Functional Foods in Mitigating Cellular Senescence and Its Related Aspects: A Key Strategy for Delaying or Preventing Aging and Neurodegenerative Disorders**

Sara Ristori et al

Nutrients 17 (11) 1837

**Association of Comorbidity and Inflammatory and Nutritional Markers with Epilepsy and Seizure Frequency**

Demet Aygun et al

Nutrients 17 (11) 1847



**Actual Data on Essential Trace Elements in Parkinson's Disease**

Cristina Popescu et al  
Nutrients 17 (11) 1852

**Effects of Dietary Interventions on Cognitive Outcomes**

Judith Charbit et al  
Nutrients 17 (12) 1964

**Obesity**

**The impact of ultra-processed foods on obesity risk: A comprehensive bibliometric analysis**

Richard Osei Agjei et al  
Clinical Nutrition Open Science 61 26-43 (open access)

**Exploring Metabolic Signatures: Unraveling the Association with Obesity in Children and Adolescents**

Diamanto Koutaki et al  
Nutrients 17 (11) 1833

**A Culinary-Based Intensive Lifestyle Program for Patients with Obesity: The Teaching Kitchen Collaborative Curriculum (TKCC) Pilot Study**

Auden C. McClure et al  
Nutrients 17 (11) 1854

**Unintended Consequences of Obesity Pharmacotherapy: A Nutritional Approach to Ensuring Better Patient Outcomes**

Werd Al-Najim et al  
Nutrients 17 (11) 1934

**Older People**

**Neuroprotective Dietary Patterns and Longitudinal Changes in Cognitive Function in Older Adults**

Elayna R. Seago et al  
Journal of the Academy of Nutrition and Dietetics 125 (6) 785 – 795 e1-e9

**Water Intake, Dietary Acid Load, and Body Composition in Aging Females**

Olga Januszko et al  
Nutrients 17 (11) 1808



**How the Dietary Saturated/Monounsaturated Fatty Acid Ratio Modulates Brain Function in Older Adults**

C. Lawrence Kien et al  
Nutrients 17 (11) 1897

**Employing Nutrition to Delay Aging: A Plant-Based Telomere-Friendly Dietary Revolution**

Joanna Polom et al  
Nutrients 17 (12) 2004

**Main Dietary Patterns for Healthy Aging and Well-Being**

Graziano Vinci et al  
Nutrients 17 (12) 2009

**Oncology**

**The Global Leadership Initiative on Malnutrition (GLIM) inflammation criteria to predict survival in patients with advanced cancer: A prospective cohort study**

Chattarin Pumtako et al  
Clinical Nutrition ESPEN 67 344- 352

**The quality of plant-based diets and liver cancer incidence and liver disease mortality in the UK Biobank**

Xiaocong Dong et al  
Clinical Nutrition ESPEN 67 541-548

**Participation and Adherence to Prehabilitation Programs for Colorectal Cancer**

Misha A. T. Sier et al  
Nutrients 17 (11) 1792

**Advances in Isorhamnetin Treatment of Malignant Tumors: Mechanisms and Applications**

Chen Mei et al  
Nutrients 17 (11) 1853



**Poor Appetite and Survival in Patients Admitted to an Acute Palliative Care Unit for Comprehensive Palliative Care**

Sebastiano Mercadante et al  
Nutrients 17 (11) 1882

**Critical Review on the Anti-Tumor Activity of Bioactive Compounds from Edible and Medicinal Mushrooms over the Last Five Years**

Sandra Górska-Jakubowska et al  
Nutrients 17 (11) 1887

**The Influence of Dietary Factors on Melanoma Development and Progression: A Comprehensive Review**

Abigail E. Watson et al  
Nutrients 17 (11) 1891

**Paediatric**

**Analysis of Blame, Guilt, and Shame Related to Body and Body Weight and Their Relationship with the Context of Psychological Functioning Among the Pediatric Population with Overweight and Obesity: A Systematic Review**

Kamila Czepczor-Bernat et al  
Nutrients 17 (11) 1763

**The Role of Gut Microbiota in Pediatric Obesity and Metabolic Disorders: Insights from a Comprehensive Review**

Ana Maria Koller  
Nutrients 17 (11) 1883

**Parental & Enteral Nutrition**

**Enhancing enteral nutrition care: Innovating and validating a communication tool for healthcare networks**

Kelly Cristina Uniat et al  
Clinical Nutrition Open Science 61 162-173 (open access)

**Transition from Enteral to Oral Nutrition in Intensive Care and Post Intensive Care Patients: A Scoping Review**

Gioia Vinci et al  
Nutrients 17 (110) 1780

**Renal Nutrition**



**Association Between Malnutrition, Low Muscle Mass, Elevated NT-ProBNP Levels, and Mortality in Hemodialysis Patients**

Sadamu Takahashi et al

Nutrients 17 (11) 1896

**Association of Oral Frailty with Physical Frailty and Malnutrition in Patients on Peritoneal Dialysis**

Yu Kobayashi et al

Nutrients 17 (12) 1950

**Kidney-Gut Axis in Chronic Kidney Disease: Therapeutic Perspectives from Microbiota Modulation and Nutrition**

Shu Wakino et al

Nutrients 17 (12) 1961

**Dos and Don'ts in Kidney Nutrition: Practical Considerations of a Panel of Experts on Protein Restriction and Plant-Based Diets for Patients Living with Chronic Kidney Disease**

Massimo Torreggiani et al

Nutrients 17 (12) 2002

**Stroke**

**Feasibility of a Finger Food Menu for Older Adults Post Stroke in Hospital**

Milly Heelan et al

Journal of Human Nutrition and Dietetics 38 (3) e70061 (open access)