



American Society for Nutrition
Excellence in Nutrition Research and Practice

ABSTRACT TOPICS – NUTRITION

**Submit to an ASN topic category (5000-series number) by November 17.
The November 17 deadline is firm and will not be extended.**

Aging and Chronic Disease

5000-ASN	Nutrient Needs and Impact on Aging and Health	5002-ASN	Nutrition and Cardiometabolic Health
5001-ASN	Nutritional Assessment in Older Adults and Populations	5003-ASN	Nutrition and Musculoskeletal Health
		5004-ASN	Nutrition and Gastrointestinal Health

Nutrition, Neurobiology, Mood and Behavior

(Co-sponsor: Aging and Chronic Disease, Obesity, and Nutrition Translation Research Interest Sections)

5005-ASN	Nutrition, Neurobiology, Mood and Behavior
----------	--

Community and Public Health Nutrition

5020-ASN	Community and Public Health Nutrition Interventions	5023-ASN	Food Environment
5021-ASN	Food Security and Its Connections to Nutrition and Health	5024-ASN	Policy and Systems Approaches in Community and Public Health Nutrition
5022-ASN	Health Disparities and Promoting Health in Diverse Populations <i>(Co-sponsor: Minority and Diversity Affairs Committee)</i>	5025-ASN	Community and Public Health Approaches to Obesity Prevention

Carotenoids and Retinoids

5030-ASN	Carotenoids and Health	5032-ASN	Bioavailability and Metabolism of Carotenoids and Vitamin A
5031-ASN	Carotenoids and Retinoids: Molecular Mechanisms of Action		

Diet and Cancer

5040-ASN	Diet and Cancer: Molecular Targets	5042-ASN	Diet and Cancer: Clinical, Epidemiological and Translational Studies
5041-ASN	Diet and Cancer: Animal Studies		

Dietary Bioactive Components

5060-ASN	Bioavailability, Metabolism and Biomarkers of Dietary Bioactive Components	5063-ASN	Antioxidant and Anti-inflammatory Effects of Dietary Bioactive Components
5061-ASN	Mechanisms of Action and Molecular Targets of Dietary Bioactive Components	5064-ASN	Cardiovascular Effects of Dietary Bioactive Components
5062-ASN	Effects of Dietary Bioactive Components in Experimental Models of Chronic Disease Risk	5065-ASN	Dietary Bioactive Components of Medicinal, Functional, and Fermented Foods

Energy and Macronutrient Metabolism

5080-ASN	Energy Balance, Macronutrients and Weight Management	5085-ASN	Metabolic Phenotyping, Metabolomics and Biomarkers
5081-ASN	Obesity and the Metabolic Syndrome (<i>Co-sponsor: Obesity RIS</i>)	5086-ASN	Carbohydrate Metabolism
5082-ASN	Protein and Amino Acid Metabolism	5088-ASN	Energy Metabolism and Aging (<i>Co-sponsor: Aging and Chronic Disease RIS</i>)
5083-ASN	Lipid and Fatty Acid Metabolism and Transport	5089-ASN	Dietary Fatty Acids and Health
5084-ASN	Energy and Macronutrient Metabolism and the Gut	5090-ASN	Protein Intake and Health Implications

Experimental Animal Nutrition

5100-ASN	Animal Models of Fetal Nutrition, Programming and Neonatal Development	5102-ASN	Animal Nutrition and Disease
5101-ASN	Comparative Animal Nutrition and Physiology	5103-ASN	Animal Nutrition across the Lifespan

Maternal, Perinatal and Pediatric Nutrition

5120-ASN	Relationships of Maternal Diet and Health to Lactation Performance and Infant Health	5126-ASN	Mechanisms and Tools to Assess How Nutrition Affects Physical Growth (e.g., linear growth, body composition)
5121-ASN	Predictors of Lactation Initiation and Duration and Interventions to Improve Lactation Success	5127-ASN	Development and Nutrition (e.g., nutrient requirements, nutrient assessment, maternal/fetal exchange, nutritional needs of preterm infants)
5122-ASN	Bioactive Components and Other Milk Constituents and Their Effect on the Infant	5128-ASN	Nutritional Care of Preterm Infants
5123-ASN	Biology of Lactogenesis, Lactation and Milk Composition	5129-ASN	Nutrition and Physical/Intellectual Disability
5124-ASN	Early Childhood Nutrition	5130-ASN	Prenatal Nutrient Programming in Humans
5125-ASN	Feeding Behavior of the Mother, Infant and Other Caregivers on Health and Disease		

Global Nutrition

5140-ASN	Linear Growth and Growth Failure from Conception to Adulthood	5144-ASN	Nutrition, Infection and Inflammation
5141-ASN	Improving the Diets of Vulnerable Populations	5145-ASN	Measuring and Improving the Effectiveness of Nutrition Programs
5142-ASN	Obesity, Non-communicable Diseases and the Nutrition Transition	5146-ASN	Nutrition-sensitive and Integrated Nutrition Programs
5143-ASN	Measuring and Improving Micronutrient Status	5147-ASN	Global Nutrition Policies and Policy Processes



Medical Nutrition

5200-ASN	Personalized Nutrition	5203-ASN	Applied Physiology, Nutrition and Metabolism
5202-ASN	Interventions for the Treatment and Prevention of Nutrition-Related Diseases	5204-ASN	Nonalcoholic Fatty Liver Disease and Liver Metabolism

Microbiome

5201-ASN	The Microbiome and Nutrition <i>(Co-sponsors: Nutrient-Gene Interactions RIS, Maternal, Perinatal and Pediatric Nutrition RIS, and Medical Nutrition Council)</i>	5261-ASN	Gut Microbiome and Obesity <i>(Sponsor: Obesity RIS)</i>
----------	--	----------	--

Nutrition Education and Behavioral Science

5210-ASN	Evidence-Based Nutrition Education and Evaluation: Methods, Tools, and Techniques	5213-ASN	Developing Healthy Eating and Physical Activity Behaviors Across the Lifespan
5211-ASN	Nutrition Education and Behavior Change	5214-ASN	School-based Nutrition Education
5212-ASN	Childhood Obesity Prevention	5215-ASN	Education and Extension
		5216-ASN	Nutrition Education and Technology

Nutrient-Gene Interactions

5220-ASN	Nutrigenomics	5201-ASN	The Microbiome and Nutrition <i>(Co-sponsors: Nutrient-Gene Interactions RIS, Maternal, Perinatal and Pediatric RIS, and Medical Nutrition Council)</i>
5221-ASN	Personalized Nutrition: Genetic Variations and Nutrition Requirements		
5222-ASN	Nutrition and the Epigenome		
5223-ASN	Metabolic Inflammation: The Potential Role of Nutritional Constituents		

Nutritional Epidemiology

5230-ASN	Innovation and Validation of Dietary Assessment Tools and Their Applications	5235-ASN	Epidemiologic Methods in Examining Health Outcomes in Diverse Populations <i>(Co-sponsor: Minority and Diversity Affairs Committee)</i>
5231-ASN	Epidemiological Research Addressing Diet and Health Outcomes	5236-ASN	Exploring Geographic Based Methods in Nutrition Epidemiological Research
5232-ASN	Nutrition and Chronic Disease Epidemiology	5237-ASN	Childhood Nutrition Epidemiology
5233-ASN	Research with Dietary Supplements and Bioactive Components		
5234-ASN	Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets		

Nutritional Immunology and Inflammation

5240-ASN	Nutritional Immunology and Inflammation	5241-ASN	Nutrition and Infection
----------	---	----------	-------------------------

Nutrition Translation

5251-ASN	Food Science and Technology in Nutrition	5252-ASN	Translation of Nutrition Science for Public Policy, Practice and the Consumer
----------	--	----------	---

Obesity

5260-ASN	Treatment of Obesity	5266-ASN	Beige Fat, Brown Fat and Obesity
5261-ASN	Gut Microbiome and Obesity	5277-ASN	Ingestive and Physical Activity Behavior in Obesity
5262-ASN	Health Effects of Obesity	5278-ASN	Central Regulation of Obesity
5263-ASN	Diet Composition and Obesity	5279-ASN	Energy Expenditure
5264-ASN	Body Composition	5280-ASN	Adipose Tissue
5265-ASN	Childhood Obesity: Causes, Correlations, and Treatment	5281-ASN	Muscle Metabolism in Obesity and Metabolic Disease

Vitamins and Minerals

5290-ASN	Water and Fat Soluble Vitamins and Chronic Disease	5293-ASN	Selenium
5291-ASN	Micronutrient Bioavailability and Antioxidant Function	5294-ASN	B Vitamins and One-Carbon Metabolism
5292-ASN	Zinc	5295-ASN	Micronutrient Interventions
		5296-ASN	Trace Element Transport and Homeostasis in Health and Disease

Sports Nutrition

5300-ASN	Nutrition, Dietary Supplements and Human Performance (Co-sponsor: Collegiate and Professional Sports Dietitians Association)
----------	--

Sustainability

5316-ASN	Factors Influencing Long-term Economic/ Environmental Sustainability of the Food Supply (Co-sponsor: Global Nutrition Council)
----------	--

Education and Teaching

5320-ASN	Nutrition Education in Medical and Other Professional Schools	5322-ASN	Innovations in Undergraduate, Graduate and Medical Nutrition Education
5321-ASN	Nutrition Education for Practicing Clinicians		

Policy

5350-ASN	Innovations in Nutrition Monitoring	5147-ASN	Global Nutrition: Policies and Policy Processes
5351-ASN	Nutrition Policy Implementation and Evaluation	5024-ASN	Policy and Systems Approaches in Community and Public Health Nutrition