

## Abstract Categories

<i>Topical Area</i>	<i>Number</i>	<i>Abstract Category</i>
<b>Aging and Chronic Disease</b>	001	Nutrient Needs and Impact on Aging and Health
	002	Nutritional Assessment in Older Adults and Populations
	003	Nutrition and Cardiometabolic Health
	004	Nutrition and Musculoskeletal Health
	005	Nutrition and Gastrointestinal Health
<b>Biomarkers</b>	006	Biomarkers of Nutrient Function and Disease
<b>Carotenoids and Retinoids</b>	007	Carotenoids and Human Health
	008	Carotenoids and Retinoids: Molecular Mechanisms of Action
<b>Chronobiology and Nutrition</b>	009	Chronobiology and Nutrition
<b>Community and Public Health Nutrition</b>	010	Community and Public Health Nutrition Interventions
	011	Food Security and Its Connections to Nutrition and Health
	012	Health Disparities and Promoting Health in Diverse Populations (Co-sponsor: Minority and Diversity Affairs Committee)
	013	Food Environment
	014	Policy, Systems, and Environmental Approaches in Public Health Nutrition
	015	Community and Public Health Approaches to Obesity Prevention
<b>Diet and Cancer</b>	016	Molecular Targets
	017	Animal Studies
	018	Clinical, Epidemiological and Translational Studies
<b>Dietary Bioactive Components</b>	019	Bioavailability, Metabolism and Biomarkers of Dietary Bioactive Components
	020	Mechanisms of Action and Molecular Targets of Dietary Bioactive Components
	021	Effects of Dietary Bioactive Components in Experimental Models of Chronic Disease Risk
	022	Antioxidant and Anti-inflammatory Effects of Dietary Bioactive Components
	023	Cardiovascular Effects of Dietary Bioactive Components
	024	Dietary Bioactive Components of Medicinal, Functional, and Fermented Foods
<b>Energy and Macronutrient Metabolism</b>	025	Energy Balance, Macronutrients and Weight Management
	026	Obesity and the Metabolic Syndrome (Co-sponsor: Obesity RIS)
	027	Protein and Amino Acid Metabolism
	028	Lipid and Fatty Acid Metabolism and Transport
	029	Metabolic Phenotyping, Metabolomics and Biomarkers
	030	Carbohydrate Metabolism
	031	Dietary Fatty Acids and Health
	032	Protein Intake and Health Implications
	033	Fiber Metabolism and Health

<i>Topical Area</i>	<i>Number</i>	<i>Abstract Category</i>
<b>Experimental Animal Nutrition</b>	034	Animal Nutrition
	035	Animal Models of Fetal Nutrition, Programming and Neonatal Development
	036	Comparative Animal Nutrition and Physiology
<b>Climate/Environment, Health, Agriculture and Improved Nutrition</b>	037	Food and Agricultural Sustainability
<b>Global Nutrition</b>	038	Linear Growth and Growth Failure from Conception to Adulthood (Co-sponsors: Global Nutrition Council and Maternal, Perinatal and Pediatric Nutrition RIS)
	039	Global Nutrition: Improving Diets and Food Choices of Vulnerable Populations
	040	Global Nutrition: Obesity, Non-communicable Diseases and the Nutrition Transition
	041	Global Nutrition: Measuring and Improving Micronutrient Status
	042	Global Nutrition: Nutrition, Infection and Inflammation
	043	Global Nutrition: Effectiveness of Nutrition-sensitive and Integrated Nutrition Programs
	044	Global Nutrition: Policies and Policy Processes
	<b>Maternal, Perinatal and Pediatric Nutrition</b>	045
046		Physiologic and Behavioral Determinants of Successful Lactation Initiation and Maintenance
047		Biology of Lactation (includes bioactive components, milk composition, infant outcomes, etc.)
048		Infant and Early Childhood Nutrition
049		Feeding Behavior of the Mother, Infant and Other Caregivers on Health and Disease
050		Nutrition and Physical Growth (includes determinants, predictors, assessment, etc.)
051		Development and Nutrition (e.g., nutrient requirements, nutrient assessment, maternal/fetal exchange, nutritional needs of preterm infants)
052		Developmental Origins of Health and Disease
<b>Medical Nutrition</b>		053
	054	Nonalcoholic Fatty Liver Disease and Liver Metabolism
	055	Hospital Nutrition
<b>Neurobiology</b>	056	Nutrition and the Brain (includes cognition and mood)
<b>Nutrition Education and Behavioral Sciences</b>	057	Nutrition, Physical Activity, and Behavior Change
	058	School, Out of School, and Community Childhood Nutrition Education and Behavioral Interventions
	059	Innovative Nutrition Education Programs, Evaluation Measures, and/or Technology
<b>Nutrient-Gene Interactions</b>	060	Nutrigenomics
	061	Personalized Nutrition (includes variability in response to food/physical activity; genetic variations and nutrition requirements)
	062	Nutrition and the Epigenome
	063	Metabolic Inflammation: The Potential Role of Nutritional Constituents

<i>Topical Area</i>	<i>Number</i>	<i>Abstract Category</i>
<b>Nutritional Epidemiology</b>	064	Innovation and Validation of Dietary Assessment Tools and Their Applications
	065	Epidemiological Research Addressing Diet and Health Outcomes
	066	Nutrition and Chronic Disease Epidemiology
	067	Research with Dietary Supplements and Bioactive Components
	068	Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets
	069	Childhood Nutrition Epidemiology
	070	Big Data and Technology and Nutrition Research
<b>Nutritional Immunology</b>	071	Nutritional Immunology and Inflammation
	072	Nutrition and Infection
<b>Nutritional Microbiology</b>	073	General Nutritional Influences on Human Microbiomes
	074	Nutritive Properties of Fermented Foods and Beverages
	075	Probiotic and Prebiotic Interventions to Modulate the Human Microbiomes
<b>Policy</b>	076	Nutrition Policy and Regulations
<b>Nutrition Translation</b>	077	Food Science and Technology in Nutrition
	078	Translation of Nutrition Science for Public Policy, Practice and the Consumer
<b>Obesity</b>	079	Treatment of Obesity
	080	Gut Microbiome and Obesity
	081	Health Effects of Obesity
	082	Diet Composition and Obesity
	083	Body Composition
	084	Childhood Obesity: Causes, Correlations, and Treatment
	085	Beige Fat, Brown Fat and Obesity
	086	Ingestive and Physical Activity Behavior in Obesity
	087	Adipose Tissue and Muscle Metabolism
	088	Obesity Energetics
<b>Vitamins and Minerals</b>	089	Minerals
	090	B Vitamins
	091	Fat Soluble Vitamins
	092	Antioxidants and Chronic Disease
	093	Micronutrient Interventions
	094	Micronutrient Bioavailability
<b>Sports Nutrition</b>	095	Nutrition, Dietary Supplements and Human Performance (Co-sponsor: Collegiate and Professional Sports Dietitians Association)
<b>Education &amp; Teaching</b>	096	Innovations in Undergraduate, Graduate and Medical Nutrition Education
<b>Methods and Protocols</b>	097	Methods and Protocols