

2010 Topic Highlights

State of the Art Plenary Sessions

- Advances in Etiologic Studies of Kawasaki Disease
- An Update on Pediatric Drug Development Trials
- Assessing the Effectiveness of Child Preventive Services—Challenges and Opportunities?
- Media and Technology- Impact on Children, Adolescents and Their Parents
- Emerging Role of Epigenetics in Pediatrics
- From Cell to Society: An Evidence-Based Approach to Address Social Determinants of Child Health and Development
- Genetic Mapping in Humans
- Global Child Health: Exploring Effective Models to Guide Cross-National Collaborations in Research, Training and Clinical Care
- Malaria Eradication: Is It Possible?
- Neuroimaging for Prognosis in Preterms: Ultrasound or MRI or Neither?
- New Developments in the Pathogenesis and Treatment of Childhood Pulmonary Arterial Hypertension
- Societal Approaches to the Childhood Obesity Epidemic
- Endocrine Disruptors: Impact on Child Health
- Ethical Dilemmas in Neonatal/Pediatric Specialty Care: How Much is Too Much Care?
- Gender Identity Disorder in Children and Adolescents: Diagnosis, Developmental Perspective, Management, and Follow-up Data
- Genomic Variation and Genomic Medicine: A Revolution in Pediatric Practice
- Identifying and Preventing Pediatric Hearing Impairment: Are We There Yet?
- Infection and the Neonatal Brain
- Infections in the Critically Ill Child and Neonate
- Innate Immunity in the Newborn: So Many Pathogens, So Little Time
- Iron: Too Little, Too Much, and Why
- Making it to the Bedside: Application of Molecular Discoveries Relevant to Pediatric Cardiovascular Diseases
- Management of Infants with Intestinal Failure: State of the Art on Nutrition Support and Intestinal Rehabilitation
- Management of the Febrile Child—A 21st Century Approach?
- Neonatal and Infant Hypertension
- Neonatal Neuroprotection Trials: Challenges & Opportunities
- Obesity Starts in the Womb
- Oxidative Stress in the Fetus and Newborn: Where Are We Now?
- Quality Improvement in Pediatric Training, Fellowships and Beyond
- S-Nitrosothiol Signaling in Pulmonary Pathophysiology: Shadow Government or Reigning Power?
- Sudden Unexpected Death in Infants and the Infant Sleep Environment: Physiology, Epidemiology and Prevention
- Systems Biology: The Pathway to Personalized Medicine
- The Brain and Hypertension
- The Family Centered Medical Home (FCMH): Specific Considerations for Child Health Research and Policy
- The Human Microbiome: Determinant of Human Disease
- The Inflamed Esophagus: Reflux Disease and Barretts, Caustic Ingestions and Eosinophilic/Allergic Esophagitis
- Translating Research into Practice
- Vaccine Public Policy
- What Do We Know About the Etiology and Prevention of Preterm Birth?

Topic Symposia

- Addressing Youth Violence Across the Clinical Spectrum: Prevention and Intervention
- Autism Spectrum Disorders Research: From Bench to Bedside
- Beyond Growth and Puberty: Sex Hormones and Adolescent Disease
- Biology of Tissue Specific Stem Cells and Potential Therapeutic Uses in Diseases of Childhood
- Biomarkers in Pediatric Disease
- Blood Transfusions in Preterm Infants: Controversies on Risks and Benefits
- Challenges in Adolescent Reproductive Health
- Clinical Effectiveness and Comparative Effectiveness Research: A New Era in Pediatric Health Services Research and Quality Improvement
- Clinical Research Networks: Challenges in Translating Research Results to the Clinic
- Critical Care Nephrology: New Concepts in Sepsis
- CTSA: Changing the Environment for Pediatric Translational Research
- CTSA: Regulatory Challenges in Pediatric Research
- Developing Safe and Effective Devices and Instruments for Use in the Neonatal Intensive Care for the 21st Century
- Diabetes: Beyond Type 1 & 2
- Effective Teamwork, Communication and Patient Handovers: Mitigating Fragmentation of Patient Care

2010 Topic Highlights

Continued

Hot Topics

- Addressing Vaccine-Preventable Diseases in the Developing World
- Biologic Mechanisms, Physiologic Effects and Clinical Use of Therapeutic Hypothermia
- Collaborative Models of Care: Integrated Behavioral and Mental Health Services and Resident Training in Primary Care
- Health Care Reform: What Went Right and What Went Wrong
- Health Information Technology: Talk of the Town and Untapped Potential for Pediatrics
- Optimizing the Outcome of ELBW Preterm Infants: How Can We Reduce the Risk of Neurodevelopmental Impairment?

Mini Courses

- A Compendium of Strategies for the Reduction and Control of Health Care Associated Infections and Necrotizing Enterocolitis in the NICU
- Developing a National Innovation and Improvement Network to Improve Outcomes for Pediatric Emergency Care
- Developing Women as Leaders in Academic Pediatrics
- Leadership Skills for Academic Pediatricians
- Feeding the LBW Infant after Hospital Discharge: Optimizing Growth, Nutritional Status and Development in Early Childhood
- Telemedicine Program Establishment and Applications in Pediatrics: Improving Quality of Care and Addressing Access Barriers