



2009 PAS Scientific Program Highlights

Hot Topics

- Epigenomic Changes Related to Environmental Exposures in Children
- Evidence Based Decision Making at Extremely Low Gestational Age - Data and Practical Applications
- How Much Do We Know and When and How Do We Put it into Practice?
- Increasing Energy and Food Prices and Their Impacts on Child Health and Development
- The Carcinogenic Risks From Childhood and Fetal Diagnostic Radiological Exposures
- The Developing Gastrointestinal Tract: A Nexus for Future Health?
- Vaccine Advocacy in an Era of Controversy and Concern: From Science to Practice to Policy
- Advances in Global Child Health

State of the Art Plenaries

- A Partnership to Surmount the Challenges of Pediatric Drug Development
- Assessing the Quality of Pediatric Care: Moving into the Mainstream of Clinical Care
- Biology and Treatment of Sepsis
- Care of Children with Special Healthcare Needs (CSHCNs): Best Practices and Best Policies
- Developmental Origins of Adult Disease
- Gestational Diabetes: Pathogenesis and Long-Term Complications
- Global Child Health Research
- "Losing Connectivity" Following Neonatal Brain Injury: Going Beyond the Pictures
- Neonatal Hyperbilirubinemia in Developing Countries
- New Tools for the Diagnosis of Infectious Diseases
- Nutritional Programming Update -- DNA Methylation and Histone Modifications
- Pediatric Clinical Research Networks: 20th Century Infrastructures, 21st Century Challenges
- Personalized Medicine: Social & Ethical Issues in Screening for Genetic Disease and Susceptibility
- Transcriptional Regulation of Normal and Abnormal Lung and Cardiovascular Development

Topic Symposia

- Academic Pediatric Clinical Research and Implementation of the NIH Roadmap CTSA Program.
- Advances in Diabetes: CFRD, Post-Renal Transplant Diabetes and Oxidative Stress
- Anxiety Disorders in Children and Adolescents
- Biology of Emerging Therapeutic Challenges and Opportunities in Critical Care Medicine
- Celiac Disease: New Developments
- Child Protection: Lessons Learned, Future Priorities - Research, Practice and Policy
- Compendium of strategies to Prevent Healthcare-Associated Infections in the NICU
- Developmental Screening Tests: All-for-one or one-for-all?
- Eliminating Catheter-Associated Blood Stream Infections: Spreading Effective Strategies and Understanding National Policies & Efforts
- Energy Crisis: The Clinical Presentation, Diagnosis and Management of the Mitochondrial Disorders - Any Age, Any Organ
- Enhancing Newborn Neuroprotection: Hypothermia Plus?
- Environmental Contributions to Autism Risk
- Environmental Influences on Development Disorders and Dysfunction in Young Children
- Ethical Challenges in Pediatric Biobanks: Balancing Risks and Benefits
- Family-Centered Care: Current Applications and Directions for Future Research
- Fish Oil for Babies and Children: Do They Need It and What Do They Do?
- From Epidemiological Description to Policy Prescription: Confronting Socioeconomic Disparities in Child Health Across Three Nations
- How to Succeed in Patient Safety for Children
- Keeping Teens Safe on the Road - What's Known, How to Do It, and What the Future Holds
- Mechanisms of Stress, Reward, and Obesity
- Molecular Intervention for Children with Juvenile Idiopathic Arthritis (JIA)
- Neonatal Immunity and Infection
- Neonatal Venous Thrombosis
- New Insights into the Regulation of Ion Transport in the Aldosterone Sensitive Distal Nephron
- Obesity and Chronic Disease



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Topic Symposia Con't.

- Osteoarticular Infections: New Insights
- Parent-Infant Feeding Interactions and the Early Life Origins of Obesity
- Pediatric Critical Care Scientist Development Program (PCCSDP)
- Pediatric Obesity: Predisposing Factors, Energy Expenditure and Complications
- Practice-Based Learning and Improvement - Teaching and Evaluation in Residency and Fellowship Training
- Prebiotics, Probiotics, and Synbiotics: Which -biotic is Right for Children?
- Promoting Professionalism Across the Medical Education Continuum
- Statistical Methods for Vaccine Safety Evaluation
- The Heart and Brain: Brain Injury and Development in Newborns with Congenital Heart Disease
- The Renin-Angiotensin-Aldosterone System in 2009
- The Role of Non-Profit Organizations in Improving Pediatric Health Care Around the World
- The Role of the Gut Microbiome in Children's Health and Diseases
- Usefulness of Ambulatory Blood Pressure Monitoring (ABPM)

Special Symposia

- The National Children's Study: Moving Into the Field
- FOPO Task Force on Policy and Child Health Research Fund

Mini Courses

- Beyond TORCH - A Possible Role of New Infectious Mechanisms During Neurodevelopment as a Cause of Neurological-Mental Disorders (NMD's) of Unknown Etiology
- Common and Not So Common Causes of Bleeding in Children: Understanding How and When to Worry About Coagulopathies or Child Abuse
- Contributing Factors That Influence the Relationship Between Environmental Exposures and Children's Health
- Current Controversies in Newborn Screening
- Development of Essential Leadership Skills
- Disorders of Sex Development (DSD) - When to Tell the Patient?
- Ethical Issues in Manuscript Preparation and Publishing - A Roundtable Discussion
- Klinefelter Syndrome: Diagnosis and Management in Children, Adolescents and in the Transition to Adulthood
- Meeting the Evaluation Needs of Behavioral and Public Health Interventions
- Pediatric Palliative Care: Providing Comprehensive Care for Children with Life-limiting Illnesses
- Prenatal Exposure to Maternal Mood Disturbances and SSRI Antidepressants: Developmental and Behavioral Outcomes During Childhood
- Update on Immunoglobulin therapy/ Immunoglobulin therapy
- Using Emerging Technology in Clinical Practice, Education and Research.