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Workshops/Symposium:	Csaba Galambos

Society for Pediatric Pathology  
c/o US and Canadian Academy of Pathology  
3643 Walton Way Extension  
Augusta, Georgia 30909  
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## **PROGRAM NEEDS ASSESSMENT**

The practice of pediatric pathology requires up to date knowledge of the diseases affecting children, including their scientific basis, clinical spectrum, pathologic classification, and current research activities. The Society for Pediatric Pathology Annual Meeting is intended as an ongoing resource to meet the educational needs of pediatric pathologists, general pathologists whose practice includes pediatric pathology, pediatric pathology fellows, and pathology residents.

## **PROGRAM OBJECTIVES**

The objectives of the Society for Pediatric Pathology Annual Meeting are:

- 1) To provide in the scientific sessions a forum for the presentation and discussion of current clinical problems and research activities in pediatric pathology.
- 2) To provide in the symposium a comprehensive treatment of the basic science, pathologic and clinical aspects of a specific topic.
- 3) To provide in the elective workshops practical instruction from recognized expert pathologists on specific areas of pediatric pathology.

## CONTINUING MEDICAL EDUCATION ACCREDITATION

The Society for Pediatric Pathology is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Society for Pediatric Pathology designates this educational activity for a maximum of 15.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Category 1 Credit Hours:

Scientific Sessions . . . . .	7.5 hours
(Proffered Papers & Poster Sessions including Discussions)	
Symposium . . . . .	3.0 hours
Farber-Landing Lecture . . . . .	1.0 hour
Workshops . . . . .	2 hours each

## DISCLOSURE

In accordance with ACCME guidelines, all speakers, authors and presenters have indicated that they or their spouse/partner have no significant or other relationship with a commercial company, entity or service (which would be discussed in this educational program) to disclose. The SPP has also required that the speakers disclose any products that are not labeled for the use under discussion and that the disclosure be made to the audience at the time of presentation.

## PROGRAM SUMMARY

### FRIDAY, MARCH 6

Registration - Convention Center C/D Lobby 2:00 PM - 7:00 PM

### SATURDAY, MARCH 7

Registration - Convention Center C/D Lobby 7:00 AM - 6:00 PM

#### Platform Presentations:

1A – Pediatric - Convention Center 204 8:00 AM - 9:30 AM

1B – Perinatal - Convention Center 203 8:00 AM - 9:30 AM

Poster Viewing - Convention Center 202 8:00 AM - 6:00 PM

Break and Poster Viewing - Convention Center 202 9:30 AM - 10:30 AM

**Poster Discussion** - Convention Center 203 10:45 AM - 12:00 N

**Symposium:** Convention Center 207 1:30 PM - 5:00 PM  
“Disorders of Intersex”

**Business Meeting** - CC 207 5:15 PM - 6:00 PM

**Banquet** 7:00 PM

## **SUNDAY, MARCH 8**

Registration - Convention Center C/D Lobby	7:00 AM - 2:00 PM
<b>Platform Presentations:</b>	
2A - Pediatric GI & Liver - Convention Center 204	8:00 AM - 10:00 AM
2B - Pediatric Oncology - Convention Center 203	8:00 AM - 10:00 AM
Poster Viewing - Convention Center 202	8:00 AM - 10:40 AM
<b>Poster Discussion</b> - Convention Center 203	10:40 AM - 11:30 AM
<b>Lotte Strauss, Vawter, Neustein Awards</b> - CC 207	11:30 AM - 11:45 AM
<b>Farber-Landing Lecture</b> - Convention Center 207	11:45 AM - 12:45 PM
<b>"Pediatric Pathology - The Clinicians' Open Sesame"</b>	
Dr. Richard van Praagh, Children's Hospital Boston, Boston, MA	

## **WORKSHOPS: Sunday Afternoon**

<b>Session A</b> -	1:30 - 3:30 PM	Convention Center 203
Pediatric Transplantation Pathology - Aliya N. Husain, MD, University of Chicago, Chicago, IL and Sarangarajan Ranganathan, MD, Children's Hospital of Pittsburgh, Pittsburgh, PA		
<b>Session B</b> -	1:30 - 3:30 PM	Convention Center 207
The Use of Tandem Mass Spectrometry in Metabolic Diagnosis and General Pediatric Clinical Chemistry Laboratories - Michael Bennet, PhD and Dean Carlow, MD, PhD, Children's Hospital of Philadelphia, Philadelphia, PA		
<b>Session C</b> -	1:30 - 3:30 PM	Convention Center 204
Update in Pediatric Lymphomas, Leukemias and Bone Marrow Failure Syndrome - John Kim Choi, MD, PhD and Michele Paessler, MD, Children's Hospital of Philadelphia, Philadelphia, PA and Fred Behm, MD, University of Illinois at Chicago, Chicago, IL		
<b>BREAK</b>	3:30 - 4:00 PM	Convention Center 202
<b>Session D</b> -	4:00 - 6:00 PM	Convention Center 203
Non-tumoral Testicular Pathology in Children - Mariana M. Cajaiba, MD1, Maria del Pilar Gonzalez Peramato, MD 2, Miguel Reyes-Mugica, MD1, and additional author Manuel Nistal, MD 2, 1Children's Hospital of Pittsburgh, Pittsburgh, PA, 2 The Hospital Universitario "La Paz", Universidad Autonoma de Madrid, Madrid, Espana		
<b>Session E</b> -	4:00 - 6:00 PM	Convention Center 207
Update on Bone Pathology in Pediatrics - John Hicks, Texas Children's Hospital, Houston, TX and Lisa Teot, Children's Hospital of Pittsburgh, Pittsburgh, PA		
<b>Session F</b> -	4:00 - 6:00 PM	Convention Center 204
Pediatric Renal Tumors Update - Elizabeth Perlman, MD, Children's Memorial Hospital, Chicago, IL and Cheryl M. Coffin, MD, Vanderbilt Univ School of Medicine, Nashville		

**PLATFORM SESSION 1A**  
**Pediatric - Convention Center 204**

**Saturday, March 7**  
**8:00 – 9:30 AM**

**Session Chairs: Eduardo V. Zambrano & Sara O. Vargas**

NOTE: The number following the abstract title corresponds to the number in the Book of Abstracts.

- 8:00     Stem Cell Therapy for Bronchopulmonary Dysplasia: Not Just Yet. (1)**  
ME De Paepe, JA Fritzell, T Pasquariello, Q Mao, Women and Infants Hospital, Providence, RI.
- 8:15     Antibody-Mediated Rejection In Pediatric Cardiac Allografts: Correlation Between Immuno-histochemistry, Immunofluorescence And Presence Of Anti-HLA Antibodies (2)**  
TR Bhatti, A Paridon, ME Guttenberg, BD Hanna, BR Pawel, Departments of Pathology and Laboratory Medicine and Pediatrics, Division of Cardiology, The Children's Hospital of Philadelphia and University of Pennsylvania School of Medicine, Philadelphia PA.
- 8:30     Genetic Testing for Inherited Thrombophilia Risk Factors: Data from a Major Pediatric Institution (3)**  
J Bedrnicek, D Thornton, D Salamon, S Kahwash, Dept. of Pathology, Nationwide Children's Hospital, Columbus, OH.
- 8:45     HMGA2 Immunoreactivity in Benign Bone Neoplasms (4)**  
W Klingensmith, A Cviko, M Calicchio, K Kurek, Children's Hospital Boston, Boston MA.
- 9:00     Thrombotic and Hemorrhagic Complications in Pediatric Extracorporeal Membrane Oxygenation (ECMO) Nonsurvivors: An Autopsy Series (5)**  
RC Reed, JC Rutledge, Seattle Children's Hosp, Seattle, WA.
- 9:15     Significance of Isolated PFA-100 ADP Aggregation Abnormalities in the Identification of Pediatric Patients with von Willebrand Disease (vWD) (6)**  
RW Novak, MA Steele, Akron Children's Hospital, Akron, OH and Northeastern Ohio Universities College of Medicine.
- 9:30     Break and Poster Viewing**

**PLATFORM SESSION 1B**  
**Perinatal - Convention Center 203**

**Saturday, March 7**  
**8:00 – 9:30 AM**

**Session Chairs: Raymond W. Redline & Halit Pinar**

NOTE: The number following the abstract title corresponds to the number in the Book of Abstracts

- 8:00 Birth Weights Smaller or Larger than the Placenta Predict BMI at Age 7 Years in the Collaborative Perinatal Project (CPP). (7)**  
CM Salafia, K Chadha, DP Misra, AK Charles, RK Miller, Placental Analytics, LLC, Larchmont NY; Institute for Basic Research, Staten Island, NY; Wayne State University, Detroit, MI; Princess Margaret Hospital, Perth WA; University of Rochester, Rochester NY.
- 8:15 Birth Weight Smaller or Larger than the Placenta Would “Predict” Is Associated with Diastolic Blood Pressure at Age 7 Years: an Analysis of the Collaborative Perinatal Project (CPP). (8)**  
CM Salafia, DP Misra, AK Charles, RK Miller, Placental Analytics, LLC, Larchmont NY; Institute for Basic Research, Staten Island, NY; Wayne State University, Detroit, MI; Princess Margaret Hospital, Perth WA; University of Rochester, Rochester NY.
- 8:30 Advanced Paternal Age Affects Birth Weight and Placental Thickness in Female but Not Male Infants: An Analysis of the Collaborative Perinatal Project (CPP). (9)**  
CM Salafia, DP Misra, AK Charles, RK Miller, Placental Analytics, LLC, Larchmont NY; Institute for Basic Research, Staten Island, NY; Wayne State University, Detroit, MI; Princess Margaret Hospital, Perth WA; University of Rochester, Rochester NY.
- 8:45 Villous Histology Predicts Karyotype in Early Pregnancy Loss (10)**  
A Folkins, M Roh, D Kindelberger, C Crum, T Boyd, Brigham and Women’s Hospital; Children’s Hospital Boston.
- 9:00 Effects Of Transcutaneous Electrical Nerve Stimulation On Placental Vascularization In Rats With Induced Restriction Of Uterine Flow (11)**  
CSO Guimarães, GC Guimarães, RC Rossi e Silva, JGP Olegário, LGS Borges, O Barbosa Neto, LC Reis, MA Reis, VPA Teixeira, ECC Castro, RRM Corrêa, Triângulo Mineiro Federal University, Uberaba, MG, Brazil.
- 9:15 A Report On The Autopsy Findings In 17 Cases Of Urorectal Septum Malformation Sequence (12)**  
B Fitzgerald, D Chitayat, S Keating, P Shannon, Mount Sinai Hospital, Toronto.
- 9:30 Break and Poster Viewing**

**Poster Discussion 1**  
**Posters #1-12      Convention Center 203**

**Saturday, March 7**  
**10:45 – 11:45 AM**

**Session Chairs: Theonia Boyd & Raj P. Kapur**

NOTE: The number before the abstract title is the Board Number on which the poster is mounted; the number following the abstract title corresponds to the number in the Book of Abstracts

- 10:45    1. Multiplex Analysis Of Cytokine/Chemokine Profiles In Patients With Chronic Hepatitis C (39)**  
MS Ziadie, NK Leos, AM Gomez, Department of Pathology, University of Texas Southwestern Medical Center and Children’s Medical Center of Dallas.
- 10:50    2. Placental Chorionic Surface Vascularization Potential Is Already Partly Determined By 11-14 Weeks (40)**  
CM Salafia, N Schwartz, DH Mandel, Matt Sottile, Placental Analytics LLC, Larchmont, NY; New York University, New York, New York; University of Pennsylvania, Philadelphia, PA; St Luke's Roosevelt Hospital, New York, NY; University of Oregon, Eugene, OR.
- 10:55    3. Rectal Biopsy Findings in down Syndrome Patients with Chronic Constipation: Hirschsprung Disease Vs. Non-hirschsprung Disease (41)**  
H Yin, MC Pacheco, T Boyd, KE Bove, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH.
- 11:00    4. Cd43 Expression Distinguishes Pediatric Hematolymphoid Small Round Cell Tumors from Other Small Round Cell Tumors (42)**  
LL Pate, C Krishnan, FK Hazard, Y Natkunam, RB West, A Heerema-McKenney, Department of Pathology, Stanford University, Stanford, California.
- 11:05    5. Ewing Sarcoma (EWS): How Does Percent Necrosis of the Primary Tumor, in Post Chemotherapy Surgical Specimens, Aid in Distinguishing Treatment Failures? (43)**  
L Million, AR Putnam, LR Randall, CM Coffin, H Zhou, Primary Children’s Medical Center, Salt Lake City, UT; Huntsman Cancer Institute, Salt Lake City, UT.
- 11:10    6. Spontaneous Abortion In Fetuses Less Than 500 Grams – Can Complete Autopsy Provide Answers? (44)**  
A Maguire, D Devaney, J Gillan, Rotunda Hospital, Dublin, Ireland.

- 11:15 7. Androgenetic Biparental Mosaicism Unmasks an Autosomal Recessive Disorder (45)**  
Bonnie Cole<sup>1,2</sup>, Min Zhang<sup>1</sup>, Corinne Fligner<sup>2</sup>, Raj Kapur<sup>1,2</sup>, <sup>1</sup>Seattle Children's Hospital and <sup>2</sup>University of Washington, Seattle, WA.
- 11:20 8. Pediatric Epithelial Salivary Gland Tumors: Spectrum of Histologies and Cytogenetics at a Children's Hospital (46)**  
P Fonseca<sup>1</sup>, R Carr<sup>2</sup>, R Craver<sup>2</sup>, Departments of Pedodontics<sup>1</sup> and Pathology<sup>2</sup>, LSUHSC, New Orleans, LA.
- 11:25 9. Coexistence of Eosinophilic Esophagitis (EE) and Celiac Disease (CD) (47)**  
G Luo, C Debrosse, ME Rothenberg, MH Collins, University of Cincinnati, Cincinnati Children's Hospital.
- 11:30 10. The Placental Signature of Twin-to-Twin Transfusion Syndrome (48)**  
ME De Paepe, S Shapiro, D Greco, VL Luks, RG Abellar, CH Luks, G Palomaki, FI Luks, Women and Infants Hospital, Providence, RI.
- 11:35 11. Thymolipoma: Evidence Supporting a Clonal Neoplastic Process (49)**  
K Kurek, J Vergilio, LD Walensky, JA Fletcher, HP Kozakewich, Children's Hospital Boston; Brigham and Women's Hospital; Dana Farber Cancer Institute, Boston, MA.
- 11:40 12. Immunohistochemical Expression of Claudin 3 and 4 in Duodenal Biopsies from Patients with Gluten Sensitive Enteropathy (50)**  
P Sharma, T Chang, R Tavares, L Noble, B Bhattacharya, M Resnick, S Mangray, Rhode Island Hospital & Brown University Medical School, Providence, RI.

**Saturday, March 7**

**SYMPOSIUM – Disorders of Intersex    CC 207                    1:30 - 5:00 PM**

Moderator: Theonia K Boyd, MD, Children's Hospital, Boston

1:30 PM – **Normal and Abnormal Fetal Sex Differentiation and Postnatal Management** - Patricia Donahoe, MD; Director, Pediatric Surgical Research Laboratories, and Marshall K Bartlett Professor of Surgery, Massachusetts General Hospital, Harvard Medical School

2:15 PM - **Surgical Treatment of Disorders of Sexual Differentiation: Male Surgical Reconstruction** -

Rafael Pieretti, MD; Professor of Pediatric Surgery, Central University of Venezuela, and Lecturer in Surgery, Massachusetts General Hospital, Harvard Medical School

2:35 - **Surgical Management of Disorders of Sexual Differentiation in Girls** -

Rafael Pieretti, MD; Professor of Pediatric Surgery, Central University of Venezuela, and Lecturer in Surgery, Massachusetts General Hospital, Harvard Medical School

**3:00 - 3:30 PM – Break**

3:30 PM – **Intersex Patients Predisposed to Neoplasia: Pathologic Substrates** - Theonia Boyd, MD; Associate Professor of Pathology, Children's Hospital Boston, Harvard Medical School

3:55 PM - **The Morphology of Gonadoblastoma and Other Neoplastic Proliferations Complicating Intersex** -

Robert Young, MD; Robert E Scully Professor of Pathology, Massachusetts General Hospital, Harvard Medical School

4:15 PM - **Gender Assignment in Newborns with Ambiguous Genitalia: Ethical Issues** - David Diamond, MD; Associate Professor of Surgery (Urology), Children's Hospital Boston, Harvard Medical School

4:45 PM – Panel questions

**5:15 PM – Business Meeting – CC 207**

**7:00 PM – Banquet**

## NOTES

**PLATFORM SESSION 2A**  
**Pediatric GI & Liver– Convention Center 204**

**Sunday, March 8**  
**8:00 – 10:00 AM**

**Session Chairs: Margret S. Magid & Kevin E. Bove**

NOTE: The number following the abstract title corresponds to the number in the Book of Abstracts

**8:00 Morphological Findings In Progressive Familial Cholestasis 2 (PFIC2): Correlation With Genetic And Immunohistochemical Studies (13)**

K Evason, KE Bove, AS Knisely, S Rhee, P Rosenthal, A Miethke, LD Ferrell, GE Kim, UCSF, San Francisco, CHMC, Cincinnati, King's College Hospital, London, UK.

**8:15 Characteristic Chromosomal Copy Number Changes Are Associated With Specific Histologic Subtypes Of Hepatoblastoma By Combining Laser Capture Microdissection with Oligo-Array CGH Analysis (14)**

D López-Terrada, K Patel, L Martinez, Z Ou, C Chinault, SW Cheung, MJ Finegold, Baylor College of Medicine, Houston, Texas.

**8:30 Anthracycline Leiomyopathy: A Suggested Explanation for the Constipation Affecting Cancer Patients Treated with Anthracycline (15)**

KA Millington, SM Bouie, JM Pascasio, GE Halligan, JP de Chadarévian, St. Christopher's Hosp for Children and Drexel Univ College of Medicine, Philadelphia.

**8:45 Current Practices in Pediatric Gastrointestinal Pathology: A Survey of the Membership of the Society for Pediatric Pathology (16)**

AM Gomez and V Singh for the Practice Committee, Society for Pediatric Pathology.

**9:00 Chronic Gastritis in Children: A Histologic Definition and Its Clinical Utility (17) - AK Williamson, TK Boyd, Children's Hospital Boston, Boston, MA.**

**9:15 Alterations of the Intrahepatic Biliary Tree in Heterotaxy Syndrome: Histologic and Morphometric Analyses (18)**

A Bokhari, L Ernst, and P Russo, University of Rochester Medical Center, Rochester, NY; Northwestern University, Feinberg School of Medicine, Chicago, IL; The Children's Hospital and University of Pennsylvania School of Medicine, Philadelphia, PA.

**9:30 Co-localization of Polyductin and Liver Progenitor Cell Markers During the Development of the Human Intrahepatic Biliary System and in the Ductal Plate Malformation of the Liver (19)**

C Sergi, L Dorn, L Menezes, L Onuchic, University of Alberta Hospital, Edmonton, Canada, Medical University of Innsbruck, Austria, and University of Sao Paulo School of Medicine, Sao Paulo, Brazil.

**9:45 Identification of Invasive Streptococcal Disease in a Pediatric and Infant Death Cohort – Iowa, 2007-2008 (20)**

PV Adem, WJ Shieh, AM Schmitz, AM Denison, J Bhatnagar, M Harris, D Klein, SR Zaki, Centers for Disease Control and Prevention, Iowa Department of Public Health, Iowa State Medical Examiners Office

**10:00 Break**

**PLATFORM SESSION 2B**  
**Pediatric Oncology – Convention Center 203**

**Sunday, March 8**  
**8:00 – 10:00 AM**

**Session Chairs: Kyle Kurek & Cheryl M. Coffin**

NOTE: The number following the abstract title corresponds to the number in the Book of Abstracts

**8:00 PAX2 and PAX8 are Useful Immunohistochemical Markers for Clear Cell Sarcoma of the Kidney (21)** - SW Song, GX Tong, I Gonzalez, H Kozakewich, L Wang, Children Hospital Los Angeles, University of Southern California, Los Angeles, CA, Medical School of Columbia University, New York, NY, Children's Hospital Boston, Harvard Medical School, Boston, MA.

**8:15 Regulation of the Cell-cycle Inhibitor P27kip1 by Mir-221 and Mir-222 in Pediatric Brain Tumors. (22)**  
S Sredni, F Costa, C Hamm, C-C Huang, M Bonaldo, J Bischof, T Tomita, S Goldman, V Rajaram and M Soares, Children's Memorial Research Center and Feinberg School of Medicine, Northwestern University; Children's Memorial Hospital, Chicago, IL.

**8:30 PLAG1 (Pleomorphic Adenoma Gene 1) Immunohistochemical Expression in Pediatric Soft Tissue and Bone Tumors and Its Role in Diagnosis of Lipoblastoma (23)** - L Debelenko, C Henry, B Shivakumar, AR Perez-Atayde, H Kozakewich, St. Jude Children's Hospital, Memphis, TN and Children's Hospital Boston, Boston, MA.

**8:45 Stromal  $\alpha$ -Catenin Expression Does Not Differentiate Giant Forms of Childhood Fibroadenomas. Are Pathways Other Than or Complementary to Wnt5a & Insulin Growth Factors I and II, involved in Stromal Overgrowth? (24)**  
V Prasad, J Bedniecek, A Hughes, E Chenever, R Houston, Department of Pathology; Nationwide Children's Hospital, Columbus, Ohio.

**9:00 HMGA2 Immunoreactivity in Pediatric Lipomatous Tumors (25)**  
A Cviko, W Klingensmith, M Calicchio, K Kurek, Children's Hospital Boston, Boston.

**9:15 Glypican 3 in Pediatric Tumors - an Immunohistochemical Study (26)**  
ECC Castro; S Ranganathan, Department of Pediatric Pathology, Children's Hospital of Pittsburgh, Pittsburgh, PA.

**9:30 Microtubule Associated Protein-2 Is a Sensitive Marker of Primary and Metastatic Neuroblastoma (27)**  
C Krishnan, A Heerema-McKenney, DA Arber, Stanford University Department of Pathology.

**9:45 Pattern of Aberrant Phenotypes in Pediatric Acute Myeloid Leukemia by Gene Expression Profiling: Data From a Single Institution (28)**  
G Kotnis, K Swisshelm, Q Wei, S Pearson, N Dirks, X Liang, University of Colorado Health Science Center, Aurora, CO, The Children's Hospital, Aurora, CO.

**10:00 Break**

**Poster Discussion 2**  
**Posters # 13 – 22    Convention Center 203**

**Sunday March 8**  
**10:40 – 11:30 AM**

**Session Chairs: Larisa Debelenko & Harry Kozakewich**

NOTE: The number before the abstract title is the Board Number on which the poster is mounted; the number following the abstract title corresponds to the number in the Book of Abstracts

- 10:40    13. Pulmonary Dendritic Cells: Neglected Participants in Neonatal Lung Injury? (29)**  
LC Hanley, Z Lacourse, Q Mao, T Pasquariello, ME De Paepe, Women and Infants Hospital, Providence, RI.
- 10:45    14. Trends in the Society for Pediatric Pathology Workforce Survey from 2003 and 2008 (30)**  
K Eldin, AM Gomez, T Pysker, D Parham, J Black, M Davis, Society for Pediatric Pathology Practice Committee.
- 10:50    15. Immunophenotype Of NF1-Associated Pseudarthrosis Of Tibia With Or Without Genetic Loss Of Heterozygosity (31)**  
S Ashrafi, H Zhou, DA Stevenson, DH Viskochil, University of Utah, Salt Lake City, UT.
- 10:55    16. Pathogenesis Of Early Renal Involvement In Hemolytic Uremic Syndrome (32)**  
Ashrafi S, Pysker TJ, Taylor FB, Tesh VL, Siegler RL., University of Utah School of Medicine, Salt Lake City, UT; Oklahoma Medical Research Foundation, Oklahoma City, OK; Texas A&M University, College Station, TX.
- 11:00    17. Fibroepithelial Lesions in Pediatric Pathology: An Immunohistochemical Analysis (33)**  
Irene Castaneda-Sanchez, MD and Ana M. Gomez, MD PhD, UT Southwestern and Children's Medical Center, Dallas, TX.
- 11:05    18. Arthrogyposis with Polymicrogyria and Delayed Skeletal Muscle Maturation: A Specific Syndrome? (34)**  
E Rudzinski, R Hevner., Seattle Children's Hospital, Seattle, WA.
- 11:10    19. A 20 Year Retrospective Review of Pediatric Accidental Bathtub Drownings (35)**  
Desveaux L, Edwards J, Bridgeman-Acker K, Somers GR, Office of the Chief Coroner, Toronto; University of Toronto, Toronto, ON, Canada; and Department of Pediatric Laboratory Medicine, The Hospital for Sick Children, Toronto, ON.

- 11:15 20. A Novel Method Of Assessing Cervical Collagen Integrity Utilizing Image Segmentation Analysis (36)**  
 Sean Keeler, Daniel Kiefer, Orion Rust, Eran Bornstein, Matthew Sottile, Carolyn Salafia, New York University, New York, New York; Winthrop University Hospital, Mineola, New York; Lehigh Valley Hospital, Allentown, Pennsylvania; University of Oregon, Oregon; Placental Analytics, LCC, Larchmont, NY.
- 11:20 21. Segmental Mediolytic Arteriopathy and the Pediatric Heart, Not Just a Lesion of Infancy. (37)**  
 TL Peters, DL Kearney, Texas Childrens Hospital, Baylor College of Medicine, Houston, TX.
- 11:25 22. Occurrence of Bocavirus in Nasopharyngeal Swabs from Children with Respiratory Symptoms in the Southwest Region of the United States (38)**  
 DF Carpentieri, GD Cage, Clinical Laboratory, Phoenix Children’s Hospital, Phoenix, AZ
- 11:30 Lotte Strauss, Vawter, Neustein Awards - CC 207**
- 11:45 Farber-Landing Lecture CC 207**  
*“Pediatric Pathology – The Clinicians’ Open Sesame”*  
**Dr. Richard van Praagh, Children’s Hospital Boston, Boston, MA**

## Sunday, March 8

### WORKSHOPS: Sunday Afternoon

**Session A -** 1:30 - 3:30 PM Convention Center 203  
***Pediatric Transplantation Pathology*** - Aliya N. Husain, MD, University of Chicago, Chicago, IL and Sarangarajan Ranganathan, MD, Children's Hospital of Pittsburgh, Pittsburgh, PA

**Session B -** 1:30 - 3:30 PM Convention Center 207  
***The Use of Tandem Mass Spectrometry in Metabolic Diagnosis and General Pediatric Clinical Chemistry Laboratories*** - Michael Bennet, PhD and Dean Carlow, MD, PhD, Children's Hospital of Philadelphia, Philadelphia, PA

**Session C -** 1:30 - 3:30 PM Convention Center 204  
***Update in Pediatric Lymphomas, Leukemias and Bone Marrow Failure Syndrome*** - John Kim Choi, MD, PhD and Michele Paessler, MD, Children's Hospital of Philadelphia, Philadelphia, PA and Fred Behm, MD, University of Illinois at Chicago, Chicago, IL

**BREAK** 3:30 - 4:00 PM Convention Center 202

**Session D -** 4:00 - 6:00 PM Convention Center 203  
***Non-tumoral Testicular Pathology in Children*** - Mariana M. Cajaiba, MD1, Maria del Pilar Gonzalez Peramato, MD 2, Miguel Reyes-Mugica, MD1, and additional author Manuel Nistal, MD 2, 1Children's Hospital of Pittsburgh, Pittsburgh, PA, 2 The Hospital Universitario "La Paz", Universidad Autonoma de Madrid, Madrid, Espana

**Session E -** 4:00 - 6:00 PM Convention Center 207  
***Update on Bone Pathology in Pediatrics*** - John Hicks, Texas Children's Hospital, Houston, TX and Lisa Teot, Children's Hospital of Pittsburgh, Pittsburgh, PA

**Session F -** 4:00 - 6:00 PM Convention Center 204  
***Pediatric Renal Tumors Update*** - Elizabeth Perlman, MD, Children's Memorial Hospital, Chicago, IL and Cheryl M. Coffin, MD, Vanderbilt University School of Medicine, Nashville, TN

NOTE: Entry into the Workshops will require an admission card, which will be collected by Convention Staff at the door. The Education Committee requests that registrants respect this policy and not attempt to enter without an admission card.