

**SOCIETY FOR  
PEDIATRIC PATHOLOGY**



**2011 ANNUAL MEETING  
SAN ANTONIO, TEXAS  
FEBRUARY 26-27**

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**2011 ANNUAL MEETING PROGRAM CHAIRS**

Education:	Ona Faye-Petersen
Abstracts:	Patricia Kirby
Workshops/Symposium:	Lili Miles/Jun Mo

Society for Pediatric Pathology  
c/o US and Canadian Academy of Pathology  
3643 Walton Way Extension  
Augusta, Georgia 30909  
Phone: 706-364-3375, email: [spp@uscap.org](mailto:spp@uscap.org)

## **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 Spring 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.

## **DISCLOSURE**

In accordance with ACCME guidelines, all planners, speakers, authors and presenters are required to disclose whether they or their spouse/partner have any significant or other relationship with a commercial company, entity or service (which would be discussed in this educational program) to disclose. Dr. Oligny, speaker for workshop E, "Molecular Biology-An Introduction to the Conventional and New Diagnostic Tests", receives royalties from the sales of the textbook, *Potter's Pathology of the Fetus, Infant and Child* (2<sup>nd</sup> Edition, Mosby, 2007). All other planners, speakers and authors have no significant or other relationship with a commercial company, entity or service to disclose. The SPP has also required that the speakers and authors 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.

**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 13.50 *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 offered Spring 2011:

Scientific Sessions .....	5.50 hours
(Proffered Papers & Poster Discussions)	
Symposium .....	3.0 hours
Farber-Landing Lecture .....	1.0 hour
Workshops .....	2 hours each

An evaluation must be completed prior to claiming CME credit for the various offerings. The evaluation forms, CME claim forms and SAMs post-tests can be accessed through the SPP website: [www.spponline.org](http://www.spponline.org)

**SELF-ASSESSMENT MODULE CREDITS**

The Society for Pediatric Pathology is approved by the American Board of Pathology to offer Self Assessment Modules (SAMs) credits for physicians. SAMs credits will be necessary to meet the ABP requirements for maintenance of certification in the future. You will be required to take and pass an online examination for each course you have taken and wish to use as SAMs credits. Self Assessment Modules are offered for workshops and for the symposium.

## PROGRAM SUMMARY

### Friday, February 25

Committee Meetings – RiverCenter Hotel

Registration – RiverWalk (RW) Alamo Foyer 2:00 PM – 7:00 PM  
PM

### Saturday, February 26

Registration – RW Alamo Foyer 7:00 AM – 6:00 PM

#### **Platform Presentations**

1A – RW Salon AB 8:00 AM – 10:00 AM

1B – RW Salon C 8:00 AM – 10:00 AM

**Poster Viewing** – RW Salon E 8:00 AM – 6:00 PM

**Break** - RW Alamo Foyer 10:00 AM – 10:45 AM

**Poster Discussion I** – RW Salon C 10:45 AM – 12:05 PM

**Perinatal Section General Business Meeting** 12:15 PM - 1:15 PM  
RW Salon C (open to all SPP Members)

**Symposium - RW Salon C 1:30 PM – 5:00 PM**

**"Hemophagocytic Lymphohistiocytosis"**

**Director: Jun Mo, MD**, Cincinnati Children's Hospital Medical Center,  
Cincinnati, OH

**Coffee Break** – RW Alamo Foyer 3:00 PM – 3:30 PM

**SPP Business Meeting** – RW Salon C 5:00 PM – 6:00 PM

**Social Hour and Banquet** – RW Salon D 6:30 PM  
(ticketed event)

## Sunday, February 27

Registration – RW Alamo Foyer 7:00 AM – 3:00 PM

### **Platform Presentations**

2A – RW Salon AB 8:00 AM – 9:45 AM

2B – RW Salon C 8:00 AM – 9:30 AM

**Poster Viewing** – RW Salon E 8:00 AM – 12:00 PM

**Coffee Break** - RW Alamo Foyer 9:45 AM – 10:15 AM

**Poster Discussion II** – RW Salon C 10:15 AM – 10:45 AM

**Farber-Landing Lecture** – RW Salon C 10:45 AM – 11:45 AM

**“The Different Outcomes in the Monozygotic Twinning Process” - Kurt Benirschke, M.D.**

**Gilbert-Barness, Strauss, Vawter, and Neustein Award Announcements**

RW Salon C 11:45 AM – 12:05 PM

**Workshops: Sunday Afternoon** See page 16 for complete listing

**1:30 PM - 3:30 PM**

**A: Peripheral Neuroblastic Tumors in Children: An Update (year 1/3)**

**B: Pediatric Thymus Pathology (year 2/3)**

**C: Pediatric Transplantation Pathology (year 3/3)**

**Coffee Break** 3:30 PM – 4:00 PM RW Alamo Foyer

**4:00 PM – 6:00 PM**

**D: Pediatric Neuropathology Update (year 1/3)**

**E: Molecular biology – An Introduction to the Conventional and New Diagnostic Tests (year 2/3)**

**F: Non-tumoral Testicular Pathology in Children (year 3/3)**

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**PLATFORM SESSION 1A**  
**RW Salon AB**

**Saturday, February 26**  
**8:00 – 10:00 AM**

**Session Chairs: Vivekanand Singh, MD and John Ozolek, MD**

Note: The number following the abstract title corresponds to the number in the book of abstracts

**8:00 Immunohistochemical Expression of Embryonic Stem Cell Markers in Malignant Rhabdoid Tumors of the Kidney (1)**

J Deisch, J Raisanen, D Rakheja, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX.

**8:15 Evidence of mTOR Signaling in Childhood Ependymoma - A Potential New Therapeutic Intervention (2)**

LR Margraf, DC Bowers, CJ Horton, J Brugarolas, D Rakheja, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX.

**8:30 Wilms' Tumor with Favorable Histology: A Deletion of NTRK3 Gene on Chromosome 15q Identified Using SNP Copy Number Arrays (3)**

SC Shulman, HM Katzenstein, W Tang, F David, M Bouzyk, MR Rossi, CR Abramowsky, SM Langness, BM Shehata, Children's Healthcare of Atlanta, Atlanta GA; Emory Univ School of Medicine, Atlanta, GA

**8:45 Neuroblastoma, Undifferentiated Subtype: A Report from the Children's Oncology Group (4)**

Larry L. Wang<sup>1</sup>, Rie Suganuma<sup>1</sup>, Jason P. Tovar<sup>1</sup>, Arlene Naranjo<sup>2</sup>, Wendy B. London<sup>2</sup>, Michael D. Hogarty<sup>2</sup>, Julie M. Gastier-Foster<sup>2</sup>, A. Thomas Look<sup>2</sup>, Julie R. Park<sup>2</sup>, John M. Maris<sup>2</sup>, Susan L. Cohn<sup>2</sup>, and Hiroyuki Shimada<sup>1,2</sup>. <sup>1</sup>Department of Pathology and Laboratory Medicine, Children's Hospital Los Angeles and University of Southern California Keck School of Medicine, and <sup>2</sup>Children's Oncology Group, Neuroblastoma Studies.

**9:00 19q13.4 Loss of Heterozygosity and Occult Androgenetic/Biparental Mosaicism in Sporadic Hepatic Mesenchymal Hamartoma (5)**

J Lin, B Cole, X Qin, M Zhang, R Kapur, Seattle Children's Hospital and University of Washington, Seattle, WA; Jinling Hospital and School of Medicine, Nanjing University, Nanjing, Jiangsu, China.

**9:15 Morphoproteomics Provides Support for Dysmaturation and Immune Dysregulation in the Pathogenesis of Osteolytic Langerhans Cell Histiocytosis (6)**

S Alexandrescu, N Tatevian, BA Czerniak, M Covinsky, N Burns, RE Brown, Dept of Pathology, University of Texas at Houston - Health Science Center; Dept of Pathology, MD Anderson Cancer Center.

**9:30 The Tumor Suppressor Protein Tyrosine Phosphatase, Epsilon (PTPE) May Play a Role in Wilms Tumorigenesis (7)**

D Rakheja, N Fustino, S Khokhar, JF Amatruda, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX.

**9:45 Immunohistochemical Expression of NOTCH Pathway Proteins in Hepatoblastomas (8)**

D Rakheja, JB Litten, TT Chen, S Khokhar, R Schultz, GE Tomlinson, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX; UT Health Science Center, San Antonio, TX.

**10:00 Break and Poster Viewing**

**PLATFORM SESSION 1B**  
**RW Salon C**

**Saturday, February 26**  
**8:00 – 10:00 AM**

**Session Chairs: James Wright, MD, PhD and Debra Heller, MD**

Note: The number following the abstract title corresponds to the number in the book of abstracts

**8:00 Transplacental vs Postnatal Regulation of the RAS in Offspring Kidneys by Dietary Salt (9)**

Nadezda Koleganova 1, Grzegorz Piecha 2, Eberhard Ritz 2, Gross-Weissmann M.L 1, 1Institute of Pathology, University of Heidelberg, Heidelberg, Germany 2Department of Internal Medicine, University of Heidelberg, Heidelberg, Germany

**8:15 Micro CT Imaging of Bladder Outlet Obstruction (10)**

JR Siebert, KJ Smith, IA Glass, T Cox, Departments of Pathology and Pediatrics, Seattle Children's Hospital; Center for Tissue and Cell Sciences, Seattle Children's Research Institute; University of Washington; Seattle, WA.

**8:30 Markers for Distinguishing Components of Male and Female Differentiation in Gonadal Dysgenesis (11)**

R Buell-Guthrod, J Steinmetz, A Montag, K Gwin, Department of Pathology, University of Chicago, Chicago, IL.

**8:45 Eosinophilic/T-cell Chorionic Vasculitis Involves Regulatory T-cells and is Associated with Chronic Villitis (12)**

PJ Katzman (1), DA Oble (2), University of Rochester Medical Center, Rochester, NY, USA(1); University of Manitoba, Winnipeg, MB (2).

**9:00 Major and Minor Placental Pathology Contribute to Reduced 6 Month Cognitive Scores in Growth Restricted Infants (13)**

LM Ernst, MH Huang, BP Plunkett, K Machut, A Lossia, R Deregnier, Prentice Women's Hospital and Children's Memorial Hospital, Northwestern University, Chicago IL.

**9:15 Prenatal Diagnosis of Trisomy 6 Mosaicism as an Indirect Evidence for Trisomy Rescue Resulting in Paternal UPD6: Genetic Findings and Placental Pathology (14)**

Mariana M. Cajaiba, MD1; Selma Witchel, MD2; Suneeta Madan-Khetarpal, MD3; Jaqueline M. Hoover, MS3; Trevor Macpherson, MD1; Urvashi Surti, PhD1, Department of Pathology1, University of Pittsburgh Medical Center; Departments of Endocrinology2 and Medical Genetics3, Children's Hospital of Pittsburgh.

**9:30 Premature Infants Utilize Accelerated Expression of Pulmonary Serotonin Transporter (SERT) for Pulmonary Vascular Adaptation and Survival (15)**

EC Castro, C Galambos, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA.

**9:45 Biogenic Amine Transport System Immunohistochemical Computational Analyses Characterization as a Guide for Diagnoses and Management of Hyperserotonemic Disorders During Pregnancy (16)**

Castro, ECC, Parks, Tony W and Galambos, C, Children's Hospital of Pittsburgh and Magee Women's Hospital of the University of Pittsburgh Medical Center

**10:00 Break and Poster Viewing**

**POSTER DISCUSSION 1**  
**Posters 1-16 - RW Salon C**

**Saturday, February 26**  
**10:45 AM – 12:05 PM**

**Session Chairs: Ona Marie Faye-Petersen, MD and Eileen McKay, MD**

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-Detection Of Bartonella henselae In Formalin-Fixed, Paraffin-Embedded Tissues, By A Hemi-Nested Real-Time Polymerase Chain Reaction, Targeting Citrate Synthetase (gltA) Gene; A Children's Hospital Experience (30)**

JN Punia, AD Rector, CR Webb, PA Revell, Division of Molecular Microbiology, Department of Pathology, Texas Children's Hospital, Houston, Texas.

**10:50 2-Placental Weight Below the 10th Percentile is Associated with Intrauterine Fetal Demise at 35 weeks or Greater Estimated Gestational Age: A Retrospective Autopsy Review (31)**

Matthew P. Thompson, DO, MS Sarah Johnson-Welch, MD, Children's Medical Center Dallas, TX

**10:55 3-Analysis of Epithelioid Angiomyolipoma using SNP Copy Number Arrays Showing LOH of 16p (32)**

SC Shulman, W Tang, F David, HM Katzenstein, S Langness, CR Abramowsky, M Bouzyk, MR Rossi, BM Shehata, Children's Healthcare of Atlanta, Atlanta, GA; Emory University School of Medicine, Atlanta, GA.

**11:00 4-Placental Histologic Criteria for Diagnosis of Cord Accident: Sensitivity and Specificity (33)**

WD Ryan, N Trivedi, Y Lacoursiere, MM Parast, University of California, San Diego School of Medicine, San Diego, CA.

**11:05 5-Anaplastic Wilms' Tumor: Molecular Analysis of 7 Cases Using SNP Copy Number Arrays (34)**

SM Langness, HM Katzenstein, W Tang, F David, M Bouzyk, MR Rossi, CR Abramowsky, SC Shulman, BM Shehata, Children's Healthcare of Atlanta, Atlanta GA; Emory University School of Medicine, Atlanta GA.

**11:10 6-Restrictive Cardiomyopathy: A Review of Eight Cases, Including Two Novel Congenital Cases (35)**

JH Sacks, SC Shulman, WT Mahle, R. Campbell, CR Abramowsky, BM Shehata, Children's Healthcare of Atlanta, Atlanta, GA; Emory University School of Medicine, Atlanta, GA.

**11:15 7-The Spectrum of Acute and Healed Phase Cardiovascular Lesions in Kawasaki Disease (36)**

M Warren, KS Thompson, M Melish and DL Kearney, Kapiolani Medical Center for Women & Children, Honolulu HI; Texas Childrens Hospital, Houston TX

**11:20 8-Unusual Pathogens and the Pediatric Autopsy (37)**

D Drehner, M Turner, P Bakken, Children's Hospitals & Clinics of Minnesota.

**11:25 9-Correlation of Immunohistochemical CD133 Expression with Histological Subtype in Pediatric Synovial Sarcomas (38)**

ML Calicchio, J Terry, Department of Pathology, Children's Hospital Boston and Harvard Medical School, Boston, MA.

**11:30 10-The Utility of Calretinin Immunohistochemistry in the Primary Diagnosis of Hirschsprung Disease - A Retrospective Review of 78 Cases with Emphasis on Diagnostic Pitfalls in the Interpretation of Calretinin Immunoreactivity (39)**

KTE Chang, WS Hwang, KK Women's and Children's Hospital, Singapore

**11:35 11-Significance of Staphylococcus Coagulase Negative Culture Results in Perinatal Postmortem Examinations (40)**

Mai He, C. James Sung, Jinyi Weng, Halit Pinar, Department of Pathology, Women & Infants Hospital of RI and Brown Medical School

**11:40 12-Sensitivity and Specificity of Finding of Multinucleate Trophoblastic Giant Cells in Decidua in Placentas from High-risk Pregnancies (41)**

Jerzy Stanek, Division of Pathology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

**11:45 13-Interfollicular Hodgkin Lymphoma in Children: an Uncommon Mimicker of Reactive Lymphadenopathy (42)**

Mariana M. Cajaiba, MD; Samir Kahwash, MD, Department of Pathology, Nationwide Children's Hospital, Columbus, OH

**11:50 14-Comparison of S-Phase in Precursor B-Lymphoblastic Leukemia of Childhood between Initial Diagnosis and Relapse (43)**

J Shao<sup>1</sup>, F Castro-Silva<sup>2</sup>, A McGranahan<sup>1</sup>, X Liang<sup>1,2</sup>, <sup>1</sup>The Children's Hospital, CO, <sup>2</sup>University of Colorado Denver School of Medicine

**11:55 15-The Utility of NeuN and PGP 9.5 Immunohistochemistry in the Diagnostic Workup of Neuroblastoma and other Small Round Blue Cell Tumors (44)**

DL Stockman, EV Zambrano, JA Jarzembowski, Medical College of Wisconsin, Milwaukee, WI

**12:00 16-Symmetrical Peripheral Gangrene in Four Children Receiving Extracorporeal Membrane Oxygenation Following Cardiac Surgery (45)**

RC Reed, Department of Pathology, Kosair Children's Hospital, Louisville, KY.

**Saturday, February 26**

**SYMPOSIUM - RW Salon C**

**1:30 PM – 5:00 PM**

**"Hemophagocytic Lymphohistiocytosis"**

**Director: Jun Mo, MD, Cincinnati Children's Hospital Medical Ctr,  
Cincinnati, OH**

- ***"Clinical Overview of HLH"***, Lisa Filipovich, MD, Div of Hematology/ Oncology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH.
- ***"Animal Models of HLH"***, Michael Jordan, Div of Immunobiology, Cincinnati Hospital Medical Center, Cincinnati, OH.

**Coffee Break – RW Alamo Foyer**

**3:00 PM – 3:30 PM**

- ***"Macrophage Activation Syndrome in Rheumatology: Clinical and Pathophysiologic Overlap with HLH"***, Alexei Grom, MD, Div of Rheumatology, Cincinnati Children's Hosp Medical Center, Cincinnati, OH.
- ***"Pathology of HLH"***, Marian Malone, MB BCh, FRCPath, Camelia Botnar Laboratories, Great Ormond Street Hospital, London, UK

**SPP Business Meeting – RW Salon C**

**5:00 PM – 6:00 PM**

**Social Hour and Banquet – RW Salon D  
(ticketed event)**

**6:30 PM**

NOTES

**PLATFORM SESSION 2A**  
**RW Salon AB**

**Sunday, February 27**  
**8:00 AM – 9:45 AM**

**Session Chairs: Michael Covinsky, MD and Cheryl Coffin, MD**

Note: The number following the abstract title corresponds to the number in the book of abstracts

**8:00 Omental Fibromyxoid Tumors (OMT) and Inflammatory Myofibroblastic Tumors (IMT): A Diagnostic Signature and Biological Differences by High Throughput MicroRNA Expression Profiles (17)**

ST Sredni and PM Chou, Children's Memorial Hospital & Children's Memorial Research Center, Northwestern University/Feinberg School/ Medicine, Chicago, IL.

**8:15 Cervical Embryonal Rhabdomyosarcoma. A Unique Pathologic Type Of ERMS and Its Associations (18)**

Louis Dehner, Jason Jarzembowski and D. Ashley Hill, Lauren v. Ackerman Laboratory, Barnes-Jewish and St. Louis Children's Hospitals, Washington University Medical Center, St. Louis; Children's Hospital of Wisconsin, Medical College of Wisconsin, Milwaukee; Children's National MC, Washington, DC.

**8:30 Loss Of Immunohistochemical Expression of  $\gamma$ -catenin is a Sensitive Marker of Metastatic Ewing Sarcoma (19)**

J Han, S Khokhar, CF Timmons, D Rakheja, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX.

**8:45 Acute Megakaryoblastic Leukemia (AMkL): The COG AML0531 Experience (20)**

KM Chisholm<sup>1</sup>, S Kahwash<sup>2</sup>, BA Hirsch<sup>3</sup>, SC Raimondi<sup>4</sup>, TA Alonzo<sup>5</sup>, RB Gerbing<sup>6</sup>, R Aplenc<sup>7</sup>, L Sung<sup>8</sup>, L Winter<sup>9</sup>, K Glick<sup>10</sup>, P Byron<sup>11</sup>, L Burden<sup>6</sup>, T Wallas<sup>6</sup>, SM Davies<sup>12</sup>, FO Smith<sup>12</sup>, S Meshinchi<sup>13</sup>, AS Gamis<sup>14</sup>, and A Heerema-McKenney<sup>1</sup>, <sup>1</sup>Stanford Univ MC, Stanford, CA; <sup>2</sup>Nationwide Children's Hosp, Columbus, OH; <sup>3</sup>University of Minnesota Medical School, Minneapolis, MN; <sup>4</sup>St. Jude Children's Research Hospital, Memphis, TN; <sup>5</sup>Keck School of Med. Dept. of Preventive Medicine, Univ. of Southern California, Arcadia, CA; <sup>6</sup>Children's Oncology Group, Arcadia, CA; <sup>7</sup>Children's Hospital of Philadelphia, Philadelphia, PA; <sup>8</sup>Dept. of Pediatrics, Div. of Hem./Onc., The Hospital for Sick Children, Toronto, ON, Canada; <sup>9</sup>Seattle Children's Hospital, Seattle, WA; <sup>10</sup>Maine Children's Cancer Program, Scarborough, ME; <sup>11</sup>British Columbia Children's Hospital, Vancouver, BC, Canada; <sup>12</sup>Div. of Hematology/Oncology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH; <sup>13</sup>Clinical Research, Fred Hutchinson Cancer Rsrch. Ctr., Seattle, WA; <sup>14</sup>Children's Mercy Hospitals & Clinics, Kansas City, MO.

**9:00 Acute Erythroleukemia (AEL): The COG AML0531 Experience (21)**

KM Chisholm<sup>1</sup>, S Kahwash<sup>2</sup>, SC Raimondi<sup>3</sup>, BA Hirsch<sup>4</sup>, TA Alonzo<sup>5</sup>, RB Gerbing<sup>6</sup>, R Aplenc<sup>7</sup>, L Sung<sup>8</sup>, L Winter<sup>9</sup>, K Glick<sup>10</sup>, P Byron<sup>11</sup>, L Burden<sup>6</sup>, T Wallas<sup>6</sup>, SM Davies<sup>12</sup>, FO Smith<sup>12</sup>, S Meshinchi<sup>13</sup>, AS Gamis<sup>14</sup>, and A Heerema-McKenney<sup>1</sup>, <sup>1</sup>Stanford Univ MC, Stanford, CA; <sup>2</sup>Nationwide Children's Hospital, Columbus, OH; <sup>3</sup>St. Jude Children's Research Hosp, Memphis, TN; <sup>4</sup>University of Minnesota Medical School, Minneapolis, MN; <sup>5</sup>Keck School of Med. Dept. of Preventive Medicine, Univ. of Southern California, Arcadia, CA; <sup>6</sup>Children's Oncology Group, Arcadia, CA; <sup>7</sup>Children's Hospital of Philadelphia, Philadelphia, PA; <sup>8</sup>Dept. of Pediatrics, Div. of Hem./Onc., The Hospital for Sick Children, Toronto, ON, Canada; <sup>9</sup>Seattle Children's Hospital, Seattle, WA; <sup>10</sup>Maine Children's Cancer Program, Scarborough, ME; <sup>11</sup>British Columbia Children's Hospital, Vancouver, BC, Canada; <sup>12</sup>Div. of Hematology/Oncology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH; <sup>13</sup>Clinical Research, Fred Hutchinson Cancer Rsrch. Ctr., Seattle, WA; <sup>14</sup>Children's Mercy Hospitals & Clinics, Kansas City, MO.

**9:15 STAR and CYP11A1 Expression in Gonadoblastomas (22)**

R Buell-Gutbrod, J Steinmetz, A Montag, K Gwin, University of Chicago, Department of Pathology

**9:30 MTORC1 Signaling Pathway is Differentially Active in Yolk Sac Tumors and Seminomas (23)**

D Rakheja, P Kapur, S Khokhar, N Fustino, Y Lotan, J Brugarolas, JF Amatruda, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX.

**9:45 Break and Poster Viewing**

**PLATFORM SESSION 2B**  
**RW Salon C**

**Sunday, February 27**  
**8:00 – 9:30 AM**

**Session Chairs: Sara Szabo, MD and Lisa Teot, MD**

Note: The number following the abstract title corresponds to the number in the book of abstracts

**8:00 Is Fluorescence In-Situ Hybridization (FISH) Testing Useful in the Differential Diagnosis of Pediatric Melanomas? (24)**

JN Punia<sup>1</sup>, V Mehta<sup>1</sup>, C Rosales<sup>1</sup>, WL Wang<sup>2</sup>, AJ Lazar<sup>2</sup>, VG Prieto<sup>2</sup>, DH Lopez-Terrada<sup>1</sup>, <sup>1</sup>Division of Molecular Pathology, Department of Pathology, Texas Children's Hospital/Baylor College of Medicine and <sup>2</sup>Department of Pathology, MD Anderson Cancer Center, Houston Texas.

**8:15 Beta Adrenergic Receptor Expression in Pediatric Vascular Lesions (25)**

KM Chisholm (1), KW Chang (2), MT Truong (2), S Kwok (1), RB West (1), and A Heerema-McKenney (1), (1) Department of Pathology, Stanford, and (2) Department of Otolaryngology, Stanford University School of Medicine, Stanford CA.

**8:30 Congenital Melanocytic Nevi: Revisiting The Concept Of "Maturation With Depth" (26)**

A Davis, A Heider, D Basu, A Rebbaa, M Reyes-Mugica, Department of Pathology, Children's Hospital of Pittsburgh of UPMC. Pittsburgh, PA.

**8:45 Epithelial Mesenchymal Transition (EMT) is an Earlier Cellular Response to Stress than Senescence: Possible Implication in the Formation of Pre-malignant Tumors (27)**

A Rebbaa, D Basu, and M Reyes-Mugica, Department of Pathology, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA.

**9:00 Cilia Motility Studies Found to be an Effective and Efficient Screening Tool for Primary Ciliary Dyskinesia: Review of 111 cases from One Institute (28)**

Anita Gupta M.D., Christopher M. Woods, Irene Hoffman, Department of Pathology, Cincinnati Children's Hospital, Cincinnati, OH

**9:15 The Utilization of Fine Needle Aspiration in Clinical Decision-Making in Pediatrics (29)**

DS Cleveland, S Cope-Yokoyama, Children's Medical Center Dallas and UT Southwestern Medical Center, Dallas, TX.

**9:30 Break and Poster Viewing**

**POSTER DISCUSSION 2**  
**Posters 17-22 – RW Salon C**

**Sunday, February 27**  
**10:15 AM – 10:45 AM**

**Session Chairs: Atif Ahmed, MD and Ranganathan Sarangarajan, MD**

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

**10:15 17-The Utility of Digital Slide Technology in Archiving Pediatric Consult Material: A Study of 50 Cases Submitted by Outside Institutions (46)**  
A Agadi, C Belludi and K Stringer, Cincinnati Children's Hospital Medical Center; University of Cincinnati.

**10:20 18-Banking Placental Tissue: Optimization of Collection Procedures for Molecular Analysis (47)**  
L Wolfe, V Tache, J Kim, WK Kwan, L Laurent, M Parast, University of California, San Diego, La Jolla, California, 92093

**10:25 19-Duplication of the EWS Fusion Gene in Desmoplastic Small Round Cell Tumor, a Common FISH Finding (48)**  
KM Stashek, W Golden, EB Stelow, RD LeGallo, University of Virginia, Charlottesville, VA

**10:30 20-TP53 Codon 72 Polymorphism in Favorable Histology Wilms Tumors (49)**  
D Rakheja, NG Cost, S Khokhar, JA Wickiser, LA Baker, M Mitui, UT Southwestern Medical Center, Dallas, TX; Children's Medical Center, Dallas, TX.

**10:35 21-Correlation Between Xiap Protein Expression and Risk of Bone Marrow Metastasis in Children With Neuroblastoma (50)**  
Jailan Hanafy, \*Susana Galli MD, Ali G. Saad MD, Jailan M. Osman MD, Arkansas Children's Hospital, and \*Laboratory of Pathology, National Cancer Institute, National Institute of Health, Bethesda, Maryland.

**10:40 22-Correlation Between Nestin Expression and Risk of Bone Marrow Metastasis in Children With Neuroblastoma (51)**  
Mohammad T. Hanafy, \*Susana Galli MD., Jailan M. Osman MD, Arkansas Children's Hospital, Little Rock, Arkansas and \*Laboratory of Pathology, National Cancer Institute, National Institute of Health, Bethesda, Maryland.

**Sunday, February 27**

**Workshops: Sunday Afternoon**

**Session A - 1:30 - 3:30 PM RW Salon C**  
**Peripheral Neuroblastic Tumors in Children: An Update (year 1/3)**  
Hiroyuki Shimada, MD, PhD, Children's Hospital of Los Angeles, CA, and Bruce R. Pawel, MD, Children's Hospital of Philadelphia, Philadelphia, PA.

**Session B - 1:30 - 3:30 PM RW Salon A**  
**Pediatric Thymus Pathology (year 2/3)**  
Xiayuan Liang, MD and Mark A. Lovell, MD, The Children's Hospital, Aurora, CO

**Session C - 1:30 - 3:30 PM RW Salon B**  
**Pediatric Transplantation Pathology (year 3/3)**  
Aliya N. Husain, MD, University of Chicago, Chicago, IL, and Sarangarajan Ranganathan, MD, Children's Hospital of Pittsburgh, Pittsburgh, PA.

**BREAK 3:30 PM - 4:00 PM RW Alamo Foyer**

**Session D - 4:00 - 6:00 PM RW Salon C**  
**Pediatric Neuropathology Update (year 1/3)**  
Brian Harding, MD, Alexander R. Judkins, MD, Mariarita Santi, MD, PhD, Children's Hospital of Philadelphia, Philadelphia, PA.

**Session E - 4:00 - 6:00 PM RW Salon A**  
**Molecular biology - An Introduction to the Conventional and New Diagnostic Tests (year 2/3)**  
Luc Oligny, MSc, MD, CHU Sainte-Justine, Montreal, Quebec, Canada.

**Session F - 4:00 - 6:00 PM RW Salon B**  
**Non-tumoral Testicular Pathology in Children (year 3/3)**  
Mariana Cajaiba, MD, Nationwide Children's Hospital, Cincinnati, OH, Miguel Reyes-Mugica, MD, Children's Hospital of Pittsburgh, and Maria del Pilar, MD, Universidad Autonoma de Madrid, Madrid, Espana.

NOTE: Entry into the Workshops will require an admission ticket, 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 ticket.

**SPP  
FUTURE MEETINGS**

**2011 Fall Meeting  
Milwaukee, WI  
September 29-October 2**

**2012 Annual Meeting  
Vancouver, BC Canada  
March 17-18**

**2012 Fall Meeting  
Houston, TX  
October 11-14**

**2013 Annual Meeting  
Baltimore, MD  
March 2-3**

**2014 Annual Meeting  
San Diego, CA  
March 1-2**

**2015 Annual Meeting  
Boston, MA  
March 21-22**



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