



**SOCIETY FOR
PEDIATRIC PATHOLOGY
2020 FALL VIRTUAL MEETING**

Letter From the President, Gino Somers, MBBS, PhD, FRCPA

The Society for Pediatric Pathology welcomes you to our 2020 Fall meeting! For the first time in the history of the SPP, this meeting will be entirely virtual, and I am very excited to highlight some of the program and educational content for this historic event.

We kick things off on Friday with a COG update from two internationally-renowned pathologists, Erin Rudzinski from Seattle Children's Hospital and Jason Jarzembowski from Children's Hospital of Wisconsin, who will give us a glimpse into the inner workings of COG in "How COG Works from Patients to Pathologists to Protocols." We then move into some of the scientific content, with platform sessions focused on perinatal pathology. We finish the formal part of the day with a lecture by Jessica Davis, winner of the Lotte Strauss Award, entitled "Expanding the Spectrum of Pediatric NTRK-Rearranged Mesenchymal Tumors."

Friday night I hope you can all participate on our social event – a "Jeopardy" styled virtual game show starring the three "Presidents." I'm not sure who will win, but I'm sure it will provide some light relief and a chance to catch up with colleagues and members of the SPP!

Saturday begins with more offerings from our scientific program, with platforms focused on pediatric pathology. This will be followed by our Symposium, "COVID-19: A New Viral Pathogen - Pathologic Approach and Findings", which is the first of its kind. It is focused on pediatric and pathological aspects of COVID, and has an international faculty. It includes talks by Dr. Edward Behrens on multisystem inflammatory disorder in COVID infections, Dr. Isabel Colmenero on the dermatopathological aspects, Dr. Isaac Solomon on the neuropathology of COVID, Drs. Rebecca Baergen and Jeff Goldstein on placental findings, and Drs. Desiree Marshall and Ben Bradley on autopsy and lung pathology, as well as testing protocols. This will be followed by a short break, and the day concludes with the Perinatal Slide Seminar, highlighting unusual and educational cases in perinatal pathology.

We will have posters for viewing, with many having short presentations by the authors available on demand. And of course, we will have our usual abstract awards conferred by the Research and Awards committee.

This conference wouldn't have been possible without the help of many, many people who were part of the Fall 2020 steering committee, and I'd like to take this opportunity to thank them - Linda Ernst, Debra Heller, Chandra Krishnan, Cristina Pacheco, Charles Timmons, Jason Jarzembowski, Sanda Alexandrescu, Jeff Terry, Emily Burch, Jordan Burghardt, Patricia Ferchland-Bingham and Rebecca Pierucci.

Please sit back, grab a coffee and enjoy the Fall SPP meeting, all from the comfort of your home or office!

Gino Somers, MBBS, PhD, FRCPA
SPP President

ABOUT THE SOCIETY FOR PEDIATRIC PATHOLOGY

The Society for Pediatric Pathology, founded in 1965, is an educational and scientific organization of physicians and scientists who share a common interest in this vital field. Over 700 members of the Society practice in more than 60 Children's Hospitals, Community Hospitals and University Hospitals of the United States, Canada and throughout the world.

It is the aim of the Society to foster research, education, and practice as they pertain to pediatric pathology, and to provide a forum for discourse among its members.

The Mission of Society for Pediatric Pathology is to perform the following and other related functions:

- To promote expertise, effective teaching and productive research in the practice of pediatric pathology.
- To assist and promote the development and recognition of resident/fellow training programs in pediatric pathology and, through the American Board of Pathology, establish and maintain a means by which pathologists may be certified as having special competency in pediatric pathology.
- To sponsor and promote the education of physicians and others in healthcare related to pediatric pathology.
- To establish and maintain appropriate relationships with other societies and groups of physicians, and other scientists, who share professional interests with the Society.

Society for Pediatric Pathology Administrative Team

Emily Burch, SPP Executive Director
Jordan Burghardt, SPP Administrator
Joanne Kubinski, SPP, Association Administrator
Patricia Ferchland-Bingham, SPP Senior Education Manager
Rebecca Pierucci, SPP Conference Manager

Society for Pediatric Pathology

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SPP Officers

President	Gino Somers
Past-President	Charles Timmons
President-Elect	Debra Heller
Secretary	M. Cristina Pacheco
Treasurer	Linda Ernst
Treasurer-Elect	Chandra Krishnan

SPP Board Members

Rebecca Baergen
Megan Dishop
Laura Finn
Jim Wright
Sanda Alexandrescu
Raffaella Morotti
Vivekanand Singh
Nina Tatevian
Bruce Pawel
Lisa Teot
Sara Vargas

SPP Committee Chairs

Education	Sanda Alexandrescu
Fellowship	Raja Rabah
Finance	Jennifer Black
Informatics and Communications	Jason Jarzembowski
Membership	Erin Rudzinski
Nominating	Charles Timmons
Perinatal	Eumenia Castro
Practice	Dolores Lopez-Terrada
Publications	Monique De Paepe
Research & Awards	Jefferson Terry

SPP Subcommittee Chairs

Awards	Karen Chisholm
Abstracts	Ben Wilkins
Symposium	Jiancong Liang
Workshop	Jessica Davis
Slide Survey	Jennifer Picarsic Bradford Siegele, Chair-Elect
CME Advisor	Lili Miles

MEETING 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 Fall Meeting is intended as an ongoing resource to meet the educational needs of pediatric pathologists, general pathologists whose practices include pediatric pathology, pediatric pathology fellows, and pathology residents.

MEETING OBJECTIVES

Upon completion of this meeting, learners should be able to:

- Discuss recent advancements in research and practice related to the biology, characterization and/or diagnosis of pediatric disease.
- Identify areas with recent significant advancement in the practice of pediatric pathology.
- Implement diagnostic and consultative management updates in pediatric pathology into practice.
- Summarize clinicopathologic differential diagnoses and pathologic processes of perinatal and pediatric disorders and their complications, as well as their treatments and possible outcomes.

DISCLOSURE OF CONFLICTS OF INTEREST

Disclosure Policy

The Society for Pediatric Pathology requires faculty and members of the planning committee to disclose whether or not they have any relevant commercial relationships or if they will be discussing unlabeled and/or investigational uses of any products, pharmaceuticals, or medical devices. This must be made known in advance to the audience in accordance with the ACCME Standards of Commercial Support guidelines.

Program Committee Disclosures

Every person who is involved in the planning of this CME program has been asked to provide information regarding any financial relationships with a commercial interest as defined by the ACCME. The following program committee members have indicated that they have financial relationships to disclose. They have agreed to disclose this to participants. All other program planners have nothing to disclose.

First	Last	Financial Disclosure
Michael	Covinsky	Walgreen Boots Alliance Stockholder, Merck Stockholder
Selene	Koo	Johnson and Johnson, Stockholder
Benjamin	Wilkins	Genmab Inc., employee and shareholder (spouse)

2020 Fall Meeting Faculty Disclosures

All faculty members are required to disclose any financial relationships with a commercial interest as defined by the ACCME.

First	Last	Disclosure
Jessica	Davis	Lily/Bayer/LOXO Affiliated Corporations: Consultant, Scientific Advisory Committees
Drucilla	Roberts	UpToDate, author, royalties Cambridge University Press, author, royalties
Alireza	Samiei	Rakuten Medical, consultant, Started in March 2020 and ended in June 2020, Not related to research presented to SPP 2020

Unlabeled/Investigation Uses of Products or Devices

All faculty named in this program have completed content validation forms and indicated they would not be discussing unlabeled or investigational uses of any products or devices.

First	Last	Unlabeled/Investigation Uses of Products or Devices Disclosure
Andrea	Bakker	Off-label use of hydroxyurea for desmoid-type fibromatosis (medication is only mentioned as part of case report), Oncomine Childhood Cancer Research Assay used for mutational testing
Terry	Morgan	EV flow cytometry is for research purposes only-- it is not a clinical test.

CONTINUING MEDICAL EDUCATION ACCREDITATION

Accreditation Statement

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

AMA Credit Designation Statement – SPP Fall Virtual Meeting

The Society for Pediatric Pathology designates this live activity for a maximum of **11.25 AMA PRA Category 1 Credit(s)**™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Health Professionals

Health Professional participants (including residents and fellows-in-training) may claim hours to receive a Certificate of Participation for an activity designated for **AMA PRA Category 1 Credit(s)**™.

CME Credits

Certificates of continuing medical education *AMA PRA Category 1 Credits™* will be issued through the Society for Pediatric Pathology. CME credits will only be awarded after completion of an online evaluation form.

***AMA PRA Category 1 Credits™* offered Fall 2020:**

COG Update	1.00 credits
Lotte Strauss Award Lecture	1.00 credits
15 Platform Presentations	3.75 credits
Poster Viewing	2.50 credits
COVID-19 Symposium	3.00 credits
TOTAL	11.25 credits

An evaluation must be completed prior to claiming CME credit for the various offerings. The evaluation forms and CME claim forms can be accessed through the SPP website: <https://sponline.org>.

SOCIAL ACTIVITIES

Join the SPP Executive Committee and Board for a round of Pediatric Pathology Jeopardy!

Friday Night Happy Hour! Jeopardy with the EC – Friday, October 23, 2020

6:30 PM – 8:00 PM ET

Join the Executive Committee for Friday Night Happy Hour!

President Gino Somers, Past-President Charles Timmons, and President-Elect Debra Heller will be competing against each other for the title of SPP Jeopardy Champion!

Treasurer Linda Ernst will serve as host, while Secretary Cristina Pacheco will be scorekeeper.

SOCIETY FOR PEDIATRIC PATHOLOGY
2020 FALL VIRTUAL MEETING PROGRAM AGENDA
OCTOBER 23-24, 2020

All times are ET (PT -3, MT -2, CT -1)

[Click here to convert your time zone](#)

Wednesday, October 14, 2020 – Thursday, October 22, 2020

Committee meetings, arrangements to be made by committee chairs and members

Wednesday, October 14, 2020

SPP Membership Committee Meeting

4:00 PM – 5:00 PM ET

Thursday, October 15, 2020

SPP Informatics & Communications Committee Meeting

12:30 PM – 1:30 PM ET

Friday, October 16, 2020

SPP Perinatal Committee Meeting

1:00 PM – 2:00 PM ET

Tuesday, October 20, 2020

SPP Research & Awards Committee Meeting (*closed*)

4:00 PM – 5:30 PM ET

Wednesday, October 21, 2020

SPP Education Committee Meeting (*closed*)

2:00 PM – 5:00 PM ET

SPP Slide Survey Subcommittee (*closed*)

5:00 PM – 6:00 PM ET

Thursday, October 22, 2020

SPP Fellowship Committee Meeting

11:00 AM – 12 Noon ET

SPP Practice Committee Meeting

11:00 AM – 12 Noon ET

SPP Finance Committee Meeting

11:00 AM – 12:30 PM ET

SPP Strategic Planning/Executive Committee Meeting (*closed*)

1:00 PM – 3:00 PM ET

SPP Board Meeting (*closed*)

4:30 PM – 6:30 PM ET

Friday, October 23, 2020

On App 24/7

Posters Available for Viewing

10:30 AM-10:40 AM ET

Welcome and Opening Remarks

Dr. Gino Somers, *Hospital for Sick Kids, SPP President*

10:40 AM-11:40 AM ET

COG Update (1.0 CME)

Dr. Erin Rudzinski, *Seattle Children's Hospital*; Dr. Jason Jarzembowski, *Children's Hospital of Wisconsin*

At the end of this update, participants should be able to:

1. Describe the organizational structure of COG and the role of each committees in advancing its mission
2. Describe the steps required to enroll and treat a patient on a COG protocol
3. Identify ways in which pathologists can participate in COG committees, research protocols, and educational activities

11:40 AM-12 Noon ET

Poster Viewing and Coffee Break

12 Noon-1:15 PM ET

Perinatal Platform Session I (1.25 CME)

1:15 PM-2:15 PM ET

Networking & Poster Viewing

2:15 PM-3:30 PM ET

Perinatal Platform Session II (1.25 CME)

3:30 PM-4:30 PM ET

Lotte Strauss Lecture: *Expanding the Spectrum of Pediatric NTRK-Rearranged Mesenchymal Tumors* (1.0 CME)

Dr. Jessica Davis, *Oregon Health & Science University*

At the end of this lecture, participants should be able to:

1. Interpret and critique new discoveries and literature on NTRK-rearranged mesenchymal tumors within the historical context of infantile fibrosarcoma
2. Recognize recurrent clinicopathologic features of NTRK-rearrangement mesenchymal tumors
3. Select appropriate testing strategies to identify genetic alterations in infantile fibrosarcoma

6:30 PM-8:00 PM ET

Jeopardy! with the Executive Committee/Social Event

Saturday, October 24, 2020

On App 24/7

Posters Available for Viewing

10:45 AM-10:50 AM ET

Opening Remarks & Announcements

Dr. Gino Somers, *Hospital for Sick Kids, SPP President*

10:50 AM-12:05 PM ET

Platform Session III: Pediatric (1.25 CME)

12:05 PM-1:00 PM ET

Poster Viewing and Coffee Break

1:00 PM-4:15 PM ET

COVID-19 Symposium (3.0 CME)

COVID-19: A New Viral Pathogen - Pathologic Approach and Findings,

Dr. Cristina Pacheco, Symposium Director; *Seattle Children's Hospital*

At the end of this symposium, participants should be able to:

1. List pathologic findings associated with COVID-19 in the lung, nervous system, skin, and placenta.
2. Describe the manifestations of COVID-19 associated multisystem inflammatory syndrome in pediatric patients.
3. Describe the special features of autopsy in COVID-19 patients as it relates to performing the autopsy and special collections taken at autopsy.

- **Opening Remarks** (Dr. Cristina Pacheco, *Seattle Children's Hospital*)
- **Multisystem Inflammatory Disorder** (Dr. Edward Behrens, *Children's Hospital of Philadelphia*)

At the end of this presentation, participants should be able to:

1. Identify the presentation of the newly described SARS-CoV-2 multisystem inflammatory syndrome in childhood syndrome (MIS-C).
2. Describe the laboratory findings associated with MIS-C.
3. Describe the pathogenesis of MIS-C.

- **Dermatopathological Findings in COVID-19** (Dr. Isabel Colmenero, *Hospital Nino Jesus*)

At the end of this presentation, participants should be able to:

1. Describe the cutaneous manifestations of COVID-19 in pediatric patients and their histopathological features.
2. Compare clinicopathological features of pediatric COVID-19 related cutaneous manifestations with adult cases.
3. Analyze the underlying mechanisms explaining the different types of COVID-19 related skin lesions in children and adults.

- **Neuropathology in COVID-19** (Dr. Isaac Solomon, *Brigham and Women's Hospital*)

At the end of this presentation, participants should be able to:

1. Describe the known neurotropic properties of human coronaviruses
2. State the neurological symptoms and imaging findings associated with COVID-19
3. Enumerate the gross and microscopic neuropathology in COVID 19

- **Placental Findings in Mothers with COVID-19** (Dr. Rebecca Baergen, *Cornell University*, & Dr. Jeff Goldstein, *Northwestern University*)

At the end of this presentation, participants should be able to:

1. Discuss the possible findings in placentas from patients with COVID-19 and their significance.

2. Discuss and weigh contrasting claims regarding placental findings in COVID-19.
3. Link placental findings in COVID-19 with what is known about pathogenesis.

- ***Autopsy and Lung Pathology in COVID-19; Testing Protocols for COVID-19*** (Dr. Desiree Marshall and Dr. Ben Bradley, *University of Washington School of Medicine*)

At the end of this presentation, participants should be able to:

1. Describe hurdles to COVID-19 autopsy performance and strategies to mitigate risk.
2. Demonstrate understanding of pathological findings in COVID-19 decedents, particularly lung pathology, what they tell us about COVID-19 pathobiology, and how they may be used to guide clinical practice and further research
3. Develop a conceptual framework for approaching autopsies of suspected emerging infectious diseases to include both diagnostic and research considerations.

- ***Closing Remarks*** (Dr. Gino Somers, President, SPP, *Hospital for Sick Kids*)

4:15 PM-4:30 PM ET

Awards Presentation, Future Meetings, & Closing Remarks

Dr. Jefferson Terry, *Children & Women's Health Centre of British Columbia*,
Dr. Ben Wilkins, *Children's Hospital of Philadelphia*, Dr. Karen Chisholm,
Seattle Children's Hospital

Dr. Jessica Davis & Dr. Terry Morgan, *Oregon Health & Science University*
(Fall 2021 hosts)

Dr. Phil Katzmann & Dr. Leon Metlay, *University of Rochester Medical Center*

Dr. Gino Somers, SPP President, *Hospital for Sick Kids*

4:30 PM-5:00 PM ET

Poster Viewing and Coffee Break

5:00 PM-7:00 PM ET

Perinatal Slide Seminar

Dr. Eumenia Castro, Perinatal Slide Seminar Moderator, *Texas Children's Hospital*