



International Society of Gynecological Pathologists

Annual Newsletter – Jan to Dec 2024

Dear ISGyP members,

It is hard to believe that almost 2 years has passed since becoming President of the International Society of Gynecological Pathologists. These past two years have been a wonderful experience with many accomplishments—I have seen, and taken part in, the tremendous work that goes on “behind the scenes” into fulfilling the mission of our society, which is “to promote the health of women by acquiring greater understanding of gynecologic diseases, improving the accuracy of pathologic diagnoses, and disseminating knowledge throughout the world”.

This past October, the Society sponsored its 4th annual stand-alone virtual meeting. I would like to thank the Chairs of the Education Committee, Ricardo Lastra and Raji Ganesan, as well as all the speakers who made this meeting a tremendous success. A summary of other ISGyP sponsored conferences is highlighted in this newsletter; thank you to the organizers, speakers and attendees for supporting our global educational mission.

ISGyP LiVE, chaired by Dr. Joseph Rabban, continues to be a vibrant branch of the Society that also helps fulfill our mission of being a leader in global education. To further expand global engagement, new moderators and mentors from Australia and South Africa are now part of the ISGyP LiVE family. If you have not already participated, I highly recommend registering for any of the free monthly live zoom educational events including webinars, slide seminars, journal clubs, interesting case presentations and podcasts.

After 10 years of outstanding service, Dr. Lora Hedrick-Ellenson stepped down in December 2024 as Editor-in-Chief of the International Journal of Gynecologic Pathology, which is the official journal of the Society. After an international search, the Society is thrilled that Dr. Ricardo Lastra will be the next Editor in Chief. Please read more about this exciting announcement in this newsletter.

Progress on the Endometrial Carcinoma Presidential Project to identify predictors of favorable outcome in adnexal involvement by endometrial cancer, initiated by our Past-President Dr. Xavier Matias-Guiu, continues to progress with ethics approval by The University of British Columbia. In addition, the ISGyP multi-institutional research network (ISGyP-RN) document, which outlines the framework for all future studies, has been incorporated into the Society’s official documents after its approval by the Board. Information regarding the data entry portal will be forthcoming, hopefully with a presentation at the upcoming Business Meeting at the USCAP annual meeting in Boston. I am happy to announce that Dr. Lien Hoang has graciously agreed to spearhead the vulvar carcinoma research project going forward with more details to follow.

I would like to thank all of you for your continued support of ISGyP. By building and nurturing a strong, collaborative society we can accomplish this mission together.

Happy New Year! May you and your loved ones have a healthy, happy and meaningful 2025.

Marisa R. Nucci

ISGyP President





The Robert E. Scully Award

This annual award honors Dr. Robert E. Scully's contributions to the field of gynecological pathology. It is awarded by the ISGyP Educational Committee to recognize the best article printed each year in the society's journal, the International Journal of Gynecological Pathology, by a first author who is ≤ 40 years old. The award includes a US\$1,000 prize.



2024 Award Recipient

ORIGINAL ARTICLE



Aime Powell

Institute for Health Research, The
University of Notre Dame
Australia, Fremantle, Western
Australia, Australia

Improved Risk Prediction in Human Papillomavirus–Associated Endocervical Adenocarcinoma Through Assessment of Binary Silva Pattern-based Classification: An International Multicenter Retrospective Observational Study Led by the International Society of Gynecological Pathologists (ISGyP)

Aime Powell, PhD,* Anjelica Hodgson, MD,†‡ Paul A. Cohen, MD,*§||
Joseph T. Rabban, MD, MPH,¶ Kay J. Park, MD,# W. Glenn McCluggage, FRCPath,**
C. Blake Gilks, MD,††

Contributors from the International Society of Gynecological Pathologists (ISGyP) Endocervical Adenocarcinoma Project‡‡, Naveena Singh, MD,†† and Esther Oliva, MD§§

Abstract: Endocervical adenocarcinomas (EACs) are a group of malignant neoplasms associated with diverse pathogenesis, morphology, and clinical behavior. As a component of the International Society of Gynecological Pathologists International Endocervical Adenocarcinoma Project, a large international retrospective cohort of EACs was generated in an effort to study potential clinicopathological features with prognostic significance that may guide treatment in these patients. In this

study, we endeavored to develop a robust human papillomavirus (HPV)-associated EAC prognostic model for surgically treated International Federation of Gynecology and Obstetrics (FIGO) stage IA2 to IB3 adenocarcinomas incorporating patient age, lymphovascular space invasion (LVSI) status, FIGO stage, and pattern of invasion according to the Silva system (traditionally a 3-tier system). Recently, a 2-tier/binary Silva pattern of invasion system has been proposed whereby adenocarcinomas are classified into low-risk (pattern A/pattern B without LVSI) and high-risk (pattern B with LVSI/pattern C) categories. Our cohort comprised 792 patients with HPV-associated EAC. Multivariate analysis showed that a binary Silva pattern of invasion classification was associated with recurrence-free and disease-specific survival ($P < 0.05$) whereas FIGO 2018 stage I subtypes were not. Evaluation of the current 3-tiered system showed that disease-specific survival for those patients with pattern B tumors did not significantly differ from that for those patients with pattern C tumors, in contrast to that for those patients with pattern A tumors. These findings underscore the need for prospective studies to further investigate the prognostic significance of stage I HPV-associated EAC subtyping and the inclusion of the binary Silva pattern of invasion classification (which includes LVSI status) as a component of treatment recommendations.

Key Words: Endocervical adenocarcinoma, HPV, Pattern-based classification system, Silva pattern, Prognosis, Survival

(*Int J Gynecol Pathol* 2024;43:436–446)

From the *Institute for Health Research, The University of Notre Dame Australia, Fremantle, Western Australia, Australia; †Laboratory Medicine Program, University Health Network, Toronto, Ontario, Canada; ‡Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, Ontario, Canada; §St. John of God Subiaco Hospital, Perth, Western Australia, Australia; ¶Division of Obstetrics and Gynaecology, Faculty of Medicine and Health Sciences, University of Western Australia, Crawley, Western Australia, Australia; †Department of Pathology, University of California San Francisco, San Francisco, California; #Department of Pathology and Laboratory Medicine, Memorial Sloan Kettering Cancer Center, New York, New York, USA; **Department of Pathology, Belfast Health and Social Care Trust, Belfast, Northern Ireland, United Kingdom; ††Department of Pathology and Laboratory Medicine, Vancouver General Hospital, Vancouver, British Columbia, Canada; and §§Department of Pathology, Massachusetts General Hospital, Boston, Massachusetts, USA.

Pavel Dundr reports funding from the Ministry of Health, Czech Republic. Andrea Palicelli and Magda Zanelli report partial funding support from the Italian Ministry of Health-Ricerca Corrente Annual Program 2023. A.P. and A.H. are co-first authors.

N.S. and E.O. are co-senior authors. ‡‡Contributors from the ISGyP Endocervical Adenocarcinoma Project are provided in a note at the end of the article.

The authors declare no conflict of interest. Address correspondence to Anjelica Hodgson, MD, Room 11E215A, Eaton Wing, Toronto General Hospital, 200 Elizabeth Street, Toronto, ON M5G 2C4, Canada. E-mail: anjelica.hodgson@uhn.ca. Copyright © 2024 by the International Society of Gynecological Pathologists. DOI: 10.1097/PGP.0000000000001033

Worldwide, the real and relative incidence of endocervical adenocarcinoma (EAC) has steadily increased^{1–4} and these tumors now represent up to 25% of all cervical carcinomas in western countries. Recent studies have greatly enhanced our knowledge and understanding of EAC etiol-

Professor Naveena Singh Memorial Fund

2024 Awardees



The fund was created in memory of the former president-elect and long-time member, Professor Naveena Singh (pictured at the left). The mission is to raise funds to create learning opportunities for trainees and early career pathologists, with a focus on those in areas with limited opportunities.

The fund raises money from the members of the society to support the above mission and is overseen by a committee which includes members of the board of directors and education committee.

This is the first year in which the fund has raised money and dispensed awards, both of which will fund travel to educational opportunities in gynecological pathology.

Caio Carvalho Inacio de Vasconcellos

Third-year pathology resident in AC Camargo Cancer Center, São Paulo, Brazil



2024 Travel Award

The awarded funds will allow for travel to the USCAP 2025 Annual Meeting under the guidance of Dr. Carvallho's mentor, Dr. Louise De Brot. The project is entitled "Assessment of HER2 Protein Overexpression in Primary Ovarian Carcinomas: A Comparison of Two Different Scoring Systems."

Fresia J. Wongkar

Pathologist at Bethsaida Hospital, Banten, Indonesia



Visiting observership to develop Dr. Wongkar's role as a gynecological pathologist in Indonesia

The funds will go toward a 12-week visiting observership with Dr Joseph Rabban at UCSF. The objectives of the observership are to learn the protocols, techniques, workflow, and literature-based evidence used in running a gynecological pathology service at a major cancer center with a fellowship-level training program.



If you would like to donate the Professor Naveena Singh Memorial Fund, please use the QR code at the left

Report From The 2023 ISGyP Young Member Award

Category A award Recipient

I am honored to share my experience as a recipient of the 2023 ISGyPs Young Member Award and to provide an update on the research made possible by this generous support. With the funding provided, I have initiated a project that utilizes long-read sequencing from Oxford Nanopore Technology (ONT) to study structural variants in DNA extracted from FFPE samples of uterine mesenchymal tumors (Figure 1a). The project's goal is to determine the feasibility of detecting known structural variants, including translocations, deletions, and amplifications, by ONT in a well-characterized cohort of uterine mesenchymal neoplasms.

This study not only aims at contributing to the existing body of knowledge on uterine mesenchymal tumors but also seeks to demonstrate that ONT sequencing can provide a cost-effective alternative to traditional NGS methods, potentially making molecular diagnostics more accessible. Furthermore, ONT allows for real-time genomic sequencing, which could enable faster turnaround times in clinical settings.

To this end, we have successfully set up the necessary equipment (Figure 1b) and are currently optimizing our DNA extraction methods to ensure high-quality samples for sequencing. This involves preparing FFPE tumor samples for macro-dissection, followed by deparaffination and DNA extraction. Our preliminary work focusses on assessing DNA yield and fragment size, as we aim to enrich for longer DNA molecules that are important for reliable ONT sequencing.

I am very excited about the potential implications of this research, which could empower smaller laboratories to conduct essential molecular assays. I sincerely appreciate the support from ISGyP and the opportunity this award has provided me to pursue my research. Thank you for your continued support!

Felix Kommos
University of British
Columbia
Vancouver,
Canada

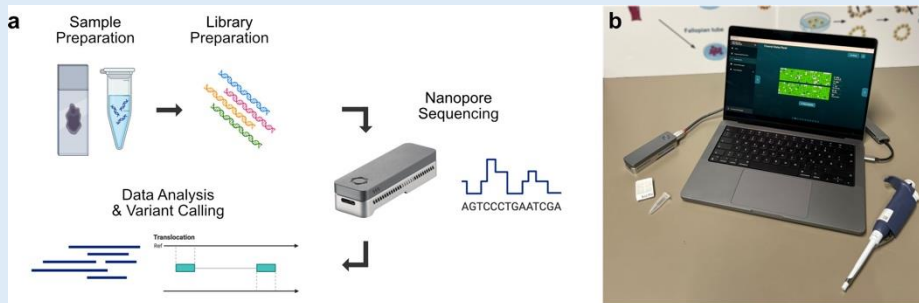
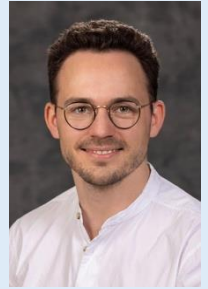


Figure 1 a, Workflow of ONT sequencing. b, An ONT setup includes a MinION sequencer connected to a computer for real-time data analysis.

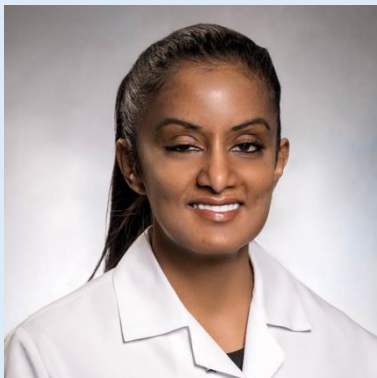
The ISGyP Young Member Award

2024 Category A award Recipient

This annual competition supports a young member (age ≤ 40) to conduct a research project with an award of US\$8,000. It is awarded by the ISGyP Education Committee on a competitive basis, prioritizing proposals based on scientific rationale, clinical relevance and feasibility.

Aarti E. Sharma

Department of Pathology, Brigham and
Women's Hospital, Boston, MA, USA



Study Proposal:

A Clinicopathologic and Molecular Analysis Refining the Distinction Between SMARCB1-Deficient Proximal-Type Epithelioid Sarcoma (PEPS) and Myoepithelioma-Like Tumor of the Vulvar Region (MELTVR)

The proposal hypothesizes that PEPS and MELTVR represent distinct entities, and both harbor a qualitative degree of malignant potential. Many cases previously diagnosed as PEPS may represent MELTVR due to historically limited understanding of their shared genomic hallmark (SMARCB1 deficiency) and overlapping histologic/immunohistochemical profiles. Clinical outcome data will illustrate distinct behavior between a subset of tumors diagnosed as PEPS and/or MELTVR, enabling us to determine whether the aggressive cases harbor a more fractured genome and recurrent additional abnormalities. Epigenomic analysis may demonstrate that provisionally defined PEPS and/or MELTVR cluster differentially. Clinical trajectories can be modeled into a histologic risk stratification system.

The ISGyP Young Member Award

2024 Category B award Recipient

This annual competition supports a young member (age ≤ 40) from developing nations (based on the International Monetary Fund's World Economic Outlook Database) to support improvements in education, research or other activity to improve delivery of pathology care or teaching with a US\$8,000 award. It is awarded by the ISGyP Education Committee on a competitive basis, prioritizing proposals based on scientific rationale, clinical relevance and feasibility.

Delphine Nyirahabimana

King Faisal Hospital Rwanda
Kigali, Rwanda



Study Proposal:

Evaluation of ER, PR, HER2/neu, p53, and MMR Immunohistochemistry expression in endometrial carcinoma and correlation with clinicopathological prognostic parameters

In Rwanda, for a population of around 14 million; over 1500 Rwandan women develop gynecological cancers each year, and more than 70% of those women die of their disease. Endometrial cancer (EC) incidence in the sub-Saharan Africa; Rwanda included, is rising, but research in the region is scarce and does not match the increasing burden of EC. Rwanda is one of the sub-Saharan African countries where IHC can be available on demand. This study targets the characterization of EC biology in Rwandan women by studying different IHC markers expression and seeks to encourage pathologists and oncologists practicing in sub-Saharan Africa, especially in Rwanda to exhaust the available resources to achieve better classification of EC for a better outcome. This study will provide data on IHC expression in EC in Rwanda and provide the relevance of various markers to the prognosis and management of endometrial carcinoma.

The ISGyP Young Member Award

2024 Category B award Recipient

This annual competition supports a young member (age ≤ 40) from developing nations (based on the International Monetary Fund's World Economic Outlook Database) to support improvements in education, research or other activity to improve delivery of pathology care or teaching with a US\$8,000 award. It is awarded by the ISGyP Education Committee on a competitive basis, prioritizing proposals based on scientific rationale, clinical relevance and feasibility.

Andras Rokusz

Department of Pathology and Experimental
Cancer Research, Semmelweis University,
Budapest, Hungary



Study Proposal:

Implementing molecular genotyping in the diagnostic workup of suspected molar pregnancies at a Hungarian Tertiary Care Center

The proposal includes introduction of STR genotyping in the diagnostic workflow of molar gestations at the institutional level. Once the method is successfully validated, the proposed plan is to establish a regional, then later a national pathology referral center for trophoblastic diseases, that would accept challenging gestational trophoblastic disease cases for consultation and ancillary studies from the entire country.

This development would also provide an opportunity to learn about the epidemiology of these disease entities and patient outcomes in the region.



Summary of ISGyP Awards from the 2024 USCAP Annual Meeting

March 2024, Baltimore, MD, USA

The W. Dwayne Lawrence Award

This annual award was established in 2020 by the Pathology and Laboratory Medicine Department of the Women & Infants Hospital of Rhode Island and Warren Alpert Medical School of Brown University to celebrate the contributions of Dr. W. Dwayne Lawrence to ISGyP and to the field of gynecological pathology. The award of US\$1,000 is for the best platform in gynecological pathology presented by a trainee at the USCAP annual meeting. Judging is performed by the ISGyP Education Committee.



Harsimar Kaur, MD,
Brigham and Women's Hospital, Boston, MA

Co-authors: Lawrence Lin, David Kolin, Andre Pinto, Carlos Parra-Herran, Koen Van de Vijver, Glenn McCluggage, and Marisa Nucci

Platform Presentation

Endometrial Gastric (Gastrointestinal)-Type Mucinous Adenocarcinoma (EGA): A Clinicopathologic & Molecular Analysis of 17 Cases

Best Posters Presented by a Trainee

ISGyP awards the top three posters by a trainee as first author in gynecologic pathology section of the Stowell-Orbison competition at the USCAP annual meeting. First place receives US \$500 and second and third places each receive US \$250. Judging is performed by the ISGyP Education Committee.

First Place



Christopher Felicelli

Northwestern University, Chicago, IL

Poster Title

Uterine Leiomyosarcoma Methylation Profiling Identifies Two Distinct Clusters With Unique Histologic and Clinical Behaviors

Second Place



Emily Towery

Brigham and Women's Hospital, Boston, MA

Poster Title

Fumarate Hydratase-Deficient Uterine Smooth Muscle Tumors: Description of 107 Cases Highlighting Their Diagnostic Spectrum and Expanding Recognized Patterns to Include Intravenous Leiomyomatosis and Disseminated Peritoneal Leiomyomatosis

Third Place



Neslihan Kayraklioglu

University of California, San Francisco, CA

Poster Title

Endometrial Cancers with Low Level Microsatellite Instability: Classification Pitfalls and Practical Recommendations for Assigning Mismatch Repair Status by Next Generation Sequencing with MSIsensor and Ancillary Tests



Summary of 2024 ISGYP Conferences

This year the ISGYP Education Committee offered two stand-alone courses, each offering a unique educational experience: the 4th ISGYP Annual Meeting (fully virtual) and the 3rd ISGYP Course in Spanish (fully virtual in Spanish and in Portuguese).



FOURTH ANNUAL MEETING 2024 FULLY VIRTUAL

FREE REGISTRATION



SEPTEMBER 28, 2024 08:00 US Eastern Time (session 1)
SEPTEMBER 28, 2024 20:00 US Eastern Time (session 2)

Presented virtually via Zoom
Free to register at: <https://isgyp.ca>



ISGYP Annual Meeting, September 28, 2024

- The program was split into two sessions to allow more convenient access in various time zones.
- The meeting had over 390 maximum concurrent views, 595 unique viewers, 1586 total users for online live participants, from 94 countries around the globe.
- Over 3,200 pathologists signed up and viewed the recordings.

TERCER CURSO DE ACTUALIZACION EN PATOLOGIA GINECOLOGICA EN ESPAÑOL



Diciembre 7, 2024
8 AM – 12:30 PM (US este)
VIRTUAL (vía zoom)
Inscripción gratuita
Visita www.isgyp.ca



- ✓ Citología cervicovaginal y análisis de VPH (Sheila Segura)
- ✓ Lesiones glandulares vulvovaginales (Daniela Muñoz)
- ✓ Lesiones inflamatorias de la vulva (Martin Sanguenza)
- ✓ Lesiones mesenquimales del tracto genital bajo (Raul Perret)
- ✓ Enfermedad gestacional trofoblástica (Ricardo Lastra)
- ✓ Patología placentaria (Carlos Parra-Herrán)





Summary of 2024 ISGyP Companion Society Sessions

ISGyP continues to enjoy professional partnership with several pathology organizations which offer the opportunity for ISGyP to run Companion Society Sessions. In addition to disseminating cutting edge educational updates, these in-person sessions also provide opportunities to connect to pathologists and trainees who may be the next new members of ISGyP.



USCAP 113TH ANNUAL MEETING
MARCH 23-28, 2024
BALTIMORE, MD



ISGyP Session at the 2024 Annual Meeting of USCAP

*Topic: Non-Epithelial Lesions of the Adnexa:
Diagnostic Considerations and Clinical Implications*

Speakers:

- Preetha Ramalingam (US)
- Ann Folkins (US)
- David Chapel (US)
- David Kolin (US)



ISGyP “Fun Run” at the 2024 USCAP Annual Meeting

Thanks to Brooke Howitt and Marisa Nucci for organizing, and for everyone who joined.



ISGyP Members Social at the Lord Baltimore Hotel

Thanks to Natalie Banet for organizing, and for everyone who joined.



2024 ISGyP Companion Society Sessions

September 3-6 | Chicago, IL

ASCP 2024 ANNUAL MEETING

ISGyP Session at the 2024 Annual Meeting of American Society for Clinical Pathology

Topic:

Updates on Squamous Neoplasms of the Vulva

Speakers:

- Rouba Ali-Fehmi, University of Michigan
- Taylor Jenkins, Virginia Commonwealth University



2024 ISGyP Co-Sponsored Meetings

GYNECOLOGICAL PATHOLOGY: ESSENTIAL KNOWLEDGE FOR DIAGNOSTIC PRACTICE

FEBRUARY 21-24, 2024



The Powers - Sanchez
USCAP
Interactive Center

ISGyP - USCAP Co-branded Interactive Microscopy Course in Palm Springs

Course Director: Pei Hui

Course Faculty:

- Jennifer A. Bennett
- Elizabeth D. Euscher
- C. Blake Gilks
- Teri A. Longacre
- Glenn McCluggage





Save the Date for 2025 ISGyP Conferences



ISGyP Events at the 2025 USCAP Annual Meeting

ISGyP Companion Session

Sunday, March 23, 4:30-6:30 pm
BCEC Ballroom (Level 3)

Topic:

Diagnostic, Prognostic, and Therapeutic Approach to Neoplasia in the Female Genital Tract

Speakers: Presentations

- Ian S. Hagemann - Ovarian Carcinoma
- Koen Van de Vijver - Endometrial Carcinoma
- Brooke E. Howitt - Uterine Mesenchymal Tumours
- Natalia Rakislova - Carcinomas of the Cervix, Vagina, and Vulva

ISGyP Business Meeting

Sunday, March 23, 6:30-7:00 pm

ISGyP Members' Social Event

Sunday, March 23, 7:00-10:00 pm
Harpoon Brewery, 306 Northern Avenue, Boston

ISGyP "Fun Run"

Monday, March 24, 6:00 am
6 miles/10K (details to be emailed later)



International Journal of Gynecological Pathology

It is with great pleasure that we announce the appointment of Dr. Ricardo Lastra as the next Editor-in-Chief of the International Journal of Gynecological Pathology effective January 1, 2025.

We express our sincere gratitude to Dr. Lora Hedrick-Ellenson, who has worked tirelessly for the past 10 years to keep the tradition of excellence and bring advances to the journal to serve our international community.

Dr. Ricardo Lastra is an Associate Professor of Pathology at the University of Chicago. He completed his medical training at the Universidad Central de Venezuela, and his residency in Anatomic and Clinical Pathology at Pennsylvania Hospital, followed by Surgical Pathology and Cytopathology Fellowships at the University of Pennsylvania, and the Advanced Specialty Training Program in Gynecologic Pathology at Johns Hopkins.



Dr. Lastra joined the University of Chicago in 2015 where he currently is the Director of Gynecologic Pathology, Program Director of the Gynecologic Pathology Fellowship, and serves as the Head of Quality Assurance in Anatomic Pathology.

Dr. Lastra serves as associate editor for Journal of Pathology: Clinical Research and for Diagnostic Cytopathology, and is editorial board member of International Journal of Gynecological Pathology and Acta Cytologica. He is currently co-Chair of the ISGyP Education Committee, served in the ASCP Annual Meeting Education Committee, and serves as Surgical Pathology Expert in the ASCP Curriculum, Educational Resource and Scientific Advisory Committee. Dr. Lastra is a Moderator of the Cytopathology Evening Specialty Conference Session at the Annual USCAP meeting and is organizing and moderating the ISGyP Companion Session at the same meeting.

His main research interest is in the fields of gynecologic pathology and cytopathology, and has focused primarily in evaluating the use of distinctive morphologic, immunohistochemical, and molecular features in the characterization of gynecologic tract lesions. He has co-authored over 70 peer reviewed articles, as well as multiple book chapters.



ISGYP Board of Directors

President



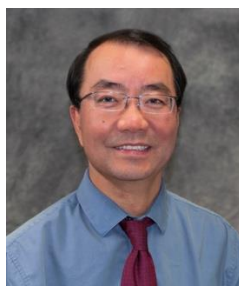
Marisa Nucci
USA

Immediate Past President



Xavier Matias-Guiu
Spain

President-Elect



Pei Hui
USA

Secretary



Natalia Buza
USA

Treasurer



Natalie Banet
USA

Board Members At-Large



Anaïs Malpica
USA



Simona Stolnicu
Romania



Philip Ip
Hong Kong PRC



Anne Mills
USA



Martin Kobel
Canada



ISGYP Education Committee



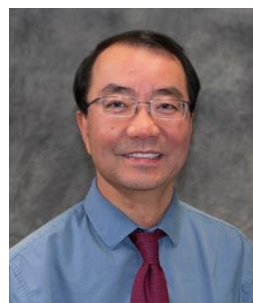
Ricardo Lastra
Co-Chair



Raji Ganesan
Co-Chair



Marisa Nucci



Pei Hui



Natalia Buza



Anna Plotkin



Blake Gilks



**Stephanie
McGregor**



**Levon
Katsakhyan**



Swati Bhardwaj



**Neslihan
Kayraklioglu**



Adrian Suarez



ISGyP LiVE Programming:

Entering Year 5 with New Moderators



Given the popularity of trainee participation from a truly international spectrum in Journal Club and in Interesting Case Presentations, new moderators and mentors from Australia and South Africa have been added to further expand ISGyP LiVE engagement across the globe. ISGyP LiVE looks forward to continually diversify and connect internationally with practicing pathologists and with pathology trainees.

This year ISGyP LiVE also began to offer digital scanned slides for previewing via PathPresenter in advance of the Interesting Case Presentations. The links are in the monthly email calendar and in the Twitter announcements. The digital scanned slides are easy to navigate on any internet connected device without needing to download any files or software.

Much gratitude and appreciation is extended to Elsa Taylor (UK), whose administrative / technical support of ISGyP LiVE is a key to its success !

ISGyP LiVE Chair



Joe
Rabban
USA

Administration



Elsa
Taylor
UK

Interesting Case Presentations



Gulisa
Turashvili
USA



Andre
Pinto
USA

Webinars



Ciaran
O'Riain
Ireland



Anjelica
Hodgson
Canada

Slide Sessions



Rupali
Aurora
UK



Ramya
Masand
USA

Podcasts



Kyle
Devins
USA



Matt
Quick
USA

Journal Club

Eastern Hemisphere Team 1



Deborah
Smith
Australia



Rohan
Lourie
Australia

Eastern Hemisphere Team 2



Yeo Yen
Ching
Singapore

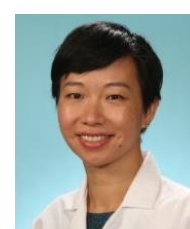


Sorsiah
Mansoor
Singapore

Western Hemisphere



Zehra
Ordulu
USA



Lulu
Sun
USA