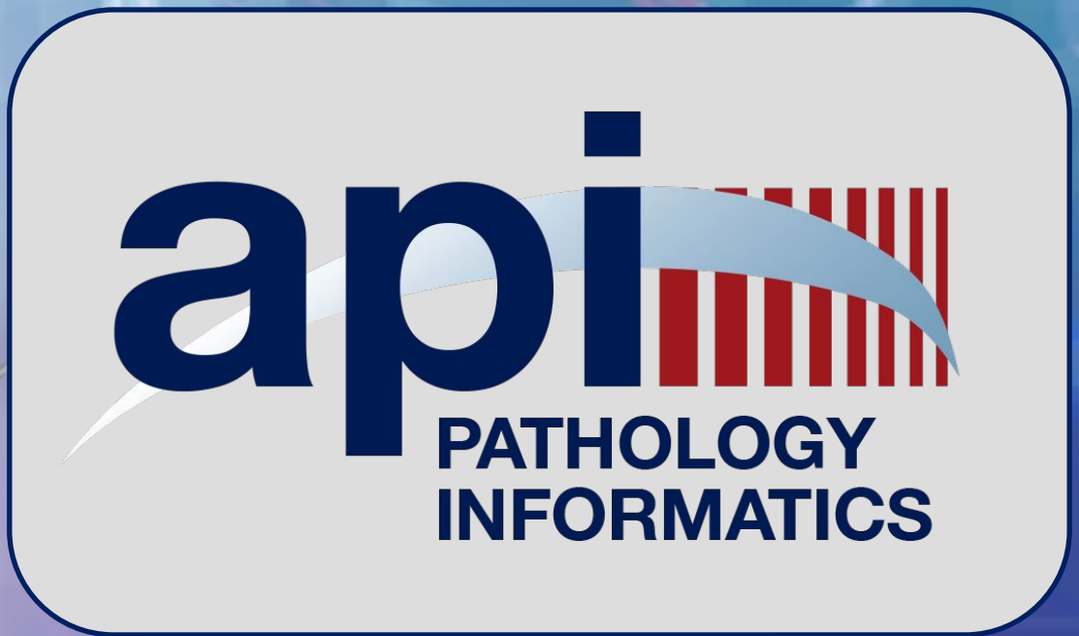
Annual Report 2021-2022



Annual Report
(Fiscal Year July 1, 2021-June 30, 2022)

CONTENTS

Report from the President

On behalf of the Governing Council of the Association for Pathology Informatics (API), I am pleased to provide the President's letter for this year's API Annual Report. The API was formed in 2000 and is dedicated to the specialty of Pathology Informatics. Its mission is to promote the field of Pathology Informatics as an academic and clinical subspecialty of Pathology and Laboratory Medicine and, through its efforts, further substantiate pathology's relevance into the future as the most critical component for precision patient care. Most prominently this year, the ongoing COVID-19 global pandemic continued to inform advocacy/public actions to support pandemic pathology practice, resulting in innovative research and education.

This year represents our fourteenth year as a separately chartered and fully independent professional association. With nearly 700 active members, 33 Teaching Institution and Non-Profit Program members, we continue to make considerable progress in advancing Pathology Informatics as a valued and respected subspecialty of Pathology and to advance underrepresented groups and uphold API's responsibility to promote diversity, equity, and inclusion in the field of pathology informatics.

The Society underwent significant operational changes with the launch of a new logo and membership platform, which has enabled improved membership communication with the creation of a "What's Happening with API?" monthly newsletter and continually developing community-building and LMS platforms. In addition, API's Journal of Pathology Informatics entered a new partnership with Elsevier to improve author and reviewer experiences. Additional highlights of the last year are listed below and are mentioned in greater detail within the pages of this annual report.

EDUCATION:

- **Pathology Informatics Summit 2022:** In consideration of the ongoing COVID-19 global pandemic, the Governing Council voted to hold a return to an in-person Summit, with incorporation of pandemic-related precautions (touchless registration) and limited virtual accommodations. The May 9-12, 2022 Pathology Informatics Summit Meeting was held in Pittsburgh, PA and promised to be the best assemblage to date of the top thought leaders in clinical laboratory informatics and anatomic pathology informatics providing in-depth coverage of cybersecurity, the informatics of Single Cell analysis, and machine learning & artificial intelligence. While it was initially hoped to live-stream the Plenary sessions to members who were unable to attend in-person, technical difficulties resulted in API posting recordings of those presentations.
- **The API Virtual Classroom Series:** The API Virtual Classroom Series resumed at this year's PI Summit and provided educational opportunities for its members and those interested in furthering their understanding of informatics. Sessions covered Foundational Topics in Pathology and Clinical Laboratory Informatics, R Language Primer and Programming Symposium on Data Sciences, and HIMA Imaging Science. Attendees were able to claim CME credits for sessions provided through the University of Michigan.
- **Digital Pathology and Artificial Intelligence Workshop:** In consideration of the pandemic, API organized a virtual DPAI Workshop from November 3-5, 2021. The "VIRTUAL Digital Pathology and AI Workshop 5.0." sessions emphasized the practical considerations for digital pathology and artificial intelligence relevant to home practices. 137 registrants attended a total of 15 lectures by national and international experts. Included in the workshop was a virtual tour of the digital pathology labs at Michigan Medicine in Ann Arbor, Michigan. Attendance and engagement was robust despite hosting in a virtual meeting space.

Report from the President

PAST PRESIDENTS

2001
Michael J. Becich, MD, PhD
University of Pittsburgh School of Medicine

2002-2003
Bruce A. Friedman, MD
Pathology Education Consortium

2004
Walter H. Henricks, III, MD
Cleveland Clinic

2005
J. Mark Tuthill, MD
Henry Ford Health System

2006
Jules J. Berman, MD, PhD
Freelance Medical Writer

2007
Ulysses J. Balis, MD
University of Michigan Health System

2008
Michael G. McNeely, MD, FRCPC (1944-2009)
Consultant-Medical Informatics

2009-2010
Myra L. Wilkerson, MD
Geisinger Health System

2011-2012
Ronald S. Weinstein, MD
University of Arizona

2012-2013
Raymond D. Aller, MD
University of Southern California

2013
Liron Pantanowitz, MD
University of Michigan Health System

2014
Alexis Carter, MD
Emory University

2015
Rodney Schmidt, MD, PhD
University of Washington

2016
Michael Riben, MD
MD Anderson Cancer Center

2017
John Gilbertson, MD
University of Pittsburgh School of Medicine

2018
David McClintock, MD
Michigan Medicine

2019
Monica E. de Baca, MD
MD Path LLC

2020
Mary E. Edgerton, MD, PhD
MD Anderson Cancer Center

2021
S. Joseph Sirintrapun, MD
Memorial Sloan Kettering Cancer Center

- **API/Sunquest Educational Webinars:** API and Sunquest continue to provide highly relevant webinars building upon the previous year's series exploring how institutions could overcome challenges health systems faced with responding to COVID-19 and moving on to new topics relating to digital pathology, laboratory management, and emergent technologies. These webinars are free of charge to API members and are also available to be downloaded from the members' only area of the API website. We thank Dr. Bruce Friedman for his outstanding efforts and vision in organizing these sessions.
- **Journal of Pathology Informatics:** JPI is twelve years old and continues to publish important articles in the field of pathology informatics. In an effort to improve the author and reviewer experiences in promoting cutting-edge scholarship, JPI moved to a new publisher, Elsevier, with the new service launching at the beginning of 2022. Publication fees were increased in line with field practices, but members will benefit from a 50% discount.
- **Teaching Program Memberships:** The API Teaching Institutional Members continue to make significant contributions to both the success of API and to the success of the Pathology Informatics Summit. A significant number of institutional trainees attend various workshops along with many prominent and active pathology department faculty. We value our teaching institution program members and are committed to expanding their numbers this year.
- **Presence of API in National Informatics Training Through Pathology Informatics Education Resource (PIER):** Official representatives of the API have been involved in numerous national initiatives. The Pathology Informatics Education Resource (PIER) has been jointly developed by the API in collaboration with the College of American Pathologists (CAP), Association of Pathology Chairs (APC) and other organizations. This resource is intended to help pathology programs to train our pathology residents in informatics because of the ever-increasing central nature of informatics to our profession. A survey was conducted and steps are being taken to provide additional informatics support to programs seeking content (see "Outreach" section of this report).
- **Other API Educational Programs:** The API was represented at a number of national conferences in 2021. API-branded content was delivered at the annual meetings of the College of American Pathologists and the Association for Molecular Pathology. The API will continue to participate as a Companion Society of the United States and Canadian Academy of Pathology (USCAP) and present at the annual USCAP meetings, as well as at the American Society for Clinical Pathology. API-branded content has also been delivered to the Pathology Visions meeting held by the Digital Pathology Association.
- **"Mentoring Mondays":** In response to trainee requests for more mentoring opportunities, API Admin staff worked to support the Training & Education Committee to promote and host a near-monthly evening event featuring established experts in the field. In these evening sessions hosted by an Emcee, a guest is asked to answer a list of "Lightning Round" questions and then move to a casual Q&A session with attendees to share their career development and ongoing experiences in pathology informatics. The May session was conducted "Live at the PI Summit 2022" featuring Dr. Michael J. Becich.
- **Presence of API in Spearheading National Initiatives for Digital and Computational Pathology Through Expert Advocacy:** In 2020, during COVID surges and throughout 2021, API spearheaded mobilization efforts amongst larger pathology organizations like the American Society for Clinical Pathology (ASCP) and the College of American Pathologists (CAP) to seek relaxation of CLIA during COVID. API continued to show that it is uniquely positioned to serve as watchdog for informatics issues affecting pathology practice, including addressing the VALID Act and the Senate version of the MDFUA.

History and Mission

History: API was founded in 2000 by pathologists interested in defining Pathology Informatics (PI) as a clinical subspecialty within the medical discipline of Pathology. API was initially supported by the Department of Biomedical Informatics and the University of Pittsburgh School of Medicine until API became financially independent. The University of Michigan currently provides additional administrative support for API.

Mission: Promote the field of Pathology Informatics as an academic and a clinical subspecialty of Pathology and Laboratory Medicine and further substantiate pathology's relevance into the future as the most critical component for precision patient care.

What is Pathology Informatics? Pathology Informatics recognizes the disruptive role of new technologies and strives to facilitate adoption of information-driven diagnostic tools that deliver better patient care and enhance our understanding of disease-related processes. Such new diagnostic technologies include whole slide imaging (WSI), next-generation sequencing (NGS), and emerging technologies like methylation assays and proteomics. Such technologies have resulted in what is commonly termed "big data" and require specialized techniques for implementation, management, and analytics. In addition, PI works to refine the data generated by diagnostic technologies currently used in clinical laboratories and from reporting performed from anatomic pathology laboratories. Through these efforts, PI positions itself as the data stewards for pathology, and having stewardship over critical diagnostic pathology data substantiates pathology's relevance for enhancing patient care.

Goals:

- Advance Pathology Informatics through research, scientific meetings, and electronic and printed communications
- Provide educational activities that disseminate knowledge to a broad audience and support the practice of Pathology Informatics
- Support "democratization" of diagnostic pathology data by eliminating or integrating data silos that hinder multi-institutional sharing of data and impede better public health, patient care, and research
- Develop standards for the storage and exchange of data and mechanisms for reporting, transferring, and merging diagnostic data while maintaining the needed level of confidentiality and appropriate stewardship of the data
- Play an active role in legal, ethical, social, regulatory, and governmental issues related to Pathology Informatics
- Prepare Pathology for upcoming paradigm shifts in practice like primary digital signout and incorporation of artificial intelligence
- Define the technological barriers that current technologies have in accommodating the upcoming technological paradigm practice changes, using a systems-based approach
- Develop relationships with other professional societies and industry partners that share similar interests and goals and synergize efforts to achieving the above listed goals
- Continue our efforts to recruit women and minorities from the international pathology informatics community as API members, to serve on API committees and the JPI editorial board, and as invited speakers for our national meeting and educational workshops

Activities: Informaticians seek to continuously improve laboratory information technology/systems, enhance the value of laboratory test data, and develop computational algorithms and models aimed at deriving clinical value from new data sources. We offer a broad array of expertise in the primary informatics pillars of:

- Information fundamentals
- Information systems
- Workflow and process
- Governance and management
- We support clinical laboratory operations, enterprise informatics and IT initiatives, academic research, and education

General Council

President
Toby C. Cornish, MD, PhD
University of Colorado School of Medicine

President-Elect
Ji Yeon Kim, MD
Kaiser Permanente Southern California

Past President
S. Joseph Sirintrapun, MD
Memorial Sloan Kettering Cancer Center

Secretary
Joseph Rudolf, MD
University of Utah School of Medicine

Treasurer
Enrique Terrazas, MD, MS
Quest Diagnostics

Program Committee Chair
J. Mark Tuthill, MD
Henry Ford Health System

Program Committee Chair-Elect
David S. McClintock, MD
Mayo Clinic

Editors-in-Chief,
Journal of Pathology Informatics
Anil V. Parwani, MD, PhD
The Ohio State University

Liron Pantanowitz, MD
University of Michigan

Publications Committee Chair
Stephen Hewitt, MD, PhD
National Institutes of Health - National Cancer Institute

Technical Standards Committee Co-Chairs
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University of Washington

Peter Gershkovich, MD
Yale University School of Medicine

Steven Hart, PhD
Mayo Clinic

Pathology Informatics Summit
Planning Committee Co-Chairs
Ulysses Balis, MD
University of Michigan

J. Mark Tuthill, MD
Henry Ford Health System

Membership Committee Chair
Jennifer Woo, MD
UCI Health

Training & Education Committee Co-Chairs
Ronald Jackups, MD
Washington University School of Medicine

Amrom Obstfeld, MD
University of Pennsylvania Perelman School of Medicine

Annual Summit (May 9-12, 2022)

With over 40 years of combined experience in the running of both the APIII and Lab Infotech Summit meetings, the current conference organizing committee deeply understands the field of Pathology Informatics and the contemporary issues in our specialty that demand coverage. Without question, the PI Summit 2022 should be on the calendar for anyone interested in staying current in this very fast-paced and important subspecialty of pathology. The Association for Pathology Informatics provided trainee awards to the meeting for pathologists in training and other graduate students working in the pathology informatics spaces.

After completing this activity, participants will be able to: 1) understand new opportunities for data management and collaboration within the healthcare enterprise; 2) improve and grow their clinical informatics skills; 3) initiate machine learning and AI tool development; 4) meet colleagues and actively discuss informatics topics with subject matter experts; 5) find mentoring opportunities in informatics; and 6) develop new research collaborations and stimulate new research opportunities.

Pre-Conference Workshops (May 9, Morning):

PI Bootcamp	HIMA Imaging Science	R Language Primer and Programming
Databases and Data Management - Peter Gershkovich, MD	**Data-Efficient and Multimodal Computational Pathology** - Faisal Mahmood, PhD	**Introduction to R and RStudio for Reproducible Reporting** - Joseph Rudolf, MD
Fundamentals of Computer Programming - Devereaux Sellers, MD	**Lessons Learned in Digital and Computational Pathology** - Joe Sirintrapun, MD	
Data Analytics: Converting Data into Knowledge - Michelle Stoffel, MD, PhD	**Pathomics, Clinical Studies, and Cancer Surveillance** - Joe Saltz, MD, PhD	**Data Visualization** - Stephan Kadauke, MD, PhD
The Basics of Artificial Intelligence and Machine Learning - Alexis Carter, MD	**Problems and Opportunities in Computational Renal Pathology** - Pinaki Sarder, PhD	
Data Analytics in Anatomic Pathology - John Sinard, MD, PhD	**Image Analysis at the Crossroads of Digital and Molecular Pathology: Dissecting Complex Cancer Phenotypes Through Data Integration** - Beatrice Knudsen, MD, PhD	**Data Wrangling** - Amrom Obstfeld, MD, PhD
Enterprise Data Analytics: Adding Value to the System - Bruce Levy, MD	**AI for Routine Pathology Diagnostics: Are We There Yet?** - Anil Parwani, MD, PhD, MBA	
So, You Want to Make a Dashboard? - Victor Brodsky, MD		**Data Understanding** - Patrick Mathias, MD, PhD
Practical Applications of Machine Learning in Pathology - Shannon Haymond, PhD		

Digital Pathology Association Companion Meeting (May 9, Evening):

Hot Topics in Digital and AI Pathology	
Deploying AI Solutions for Clinical Diagnostics: Current State and Future Directions - Anil Parwani, MD, PhD, MBA	**Leveraging Data from the College of American Pathologists to Address Challenges in Machine Learning** - Michelle Stram, MD, ScM
Pathologist Involvement in Deep Learning Models to Improve Clinical Adoption - Beatrice Knudsen, MD, PhD	**AI-based Pathology Predicts Origins for Cancers of Unknown Primary** - Faisal Mahmood, PhD
Building Data Repositories for Wide-spread Digital Pathology Education and Research - Rajendra Singh, MD	

Short Abstract Presentations (May 10, Morning):

Track 1: Artificial Intelligence	Track 2: Applied Informatics	Track 3: Becich-Friedman Distinguished Oral Presentations
Explainable AI (xAI) Applications in Pathology - Jeff Fine, MD	**Laboratory Information Systems 1972-2022 50 Years of Evolution, Revolution, Innovation, and Frustration** - Dennis Winsten	**Automated Reporting of Critical Values Enabled by Development of a Web Based Application** - Samuel McCash, MD
A Proposed Framework for Deploying AI i the Clinical Laboratory - Jansen Seheult, MD	**Are We in Need of a Smart Laboratory Information System?** - Snehal Sonawane, MBBS, MD, FASCP	**A Dynamically Generated Machine Learning Model to Identify Low Prevalence Sars-Cov-2 Samples for Pooled Pcr Testing** - Andrew Laitman, MD, PhD
Development of AI/ML Models for Tumor Classification Using Google AutoML Vision API - Dibson Gundim, MD	**Striving for Laboratory Efficiency Nirvana: Accelerated Iterative Improvements to Scale Up COVID-19 Testing** - Patrick Mathias, MD, PhD	**Detecting Anomalous Laboratory Results Using Manifold Approximation** - Nicholas Spies, MD

Plenary Lectures (May 10, Afternoon):

Cybersecurity Risk Mitigation - Christy Wheaton
Operational Effects of a Ransomeware Attack on a Regional Health System - John Spinosa, MD, PhD, FACP
Multi-Scalar Data Integration Defines Tissue States and Disease Mechanism, a Cell at a Time - Matthias Kretzler, MD
Diamond Presentation - Hamamatsu **Digital Pathology Validation of Diagnostic Fluorescence Microscopy in Anatmoic Pathology** - Dylan Miller, MD, Intermediate Healthcare

Short Abstract Presentations (May 11, Morning):

Track 1: Digital Pathology	Track 2: Informatics and Management	Track 3: Becich-Friedman Distinguished Oral Presentations
Digital Pathology Implementation - A Pathologist's Perspective - Rajendra Singh, MD	**What Does the Patient Expect** - Ed Klatt, MD	**SNOMED CT for Cancer Synoptic Reporting: Advancements since 2019** - Walter Campbell, PhD, MBA
Development of Pathologist Training Materials using Consensus Driven Annotations of TIL Assessment in Breast Cancer - Victor Garcia, MD	**Direct Access Testing: Informatics Challenges and Opportunities** - Michelle Stoffel, MD, PhD	**Developing Quality Standards for the College of American Pathologists Electronic Cancer Protocols** - Colleen Hebert, DHA
Approach to Clinical Validation for Clearing Histology with MultiPhoton Microscopy (CHIMP) - Richard Torres, MD	**Academic-Industry Partnerships: Rules of Engagement** - Liron Pantanowitz, MBBCh	**Cancer Registry Collection and De-identification of Whole Slide Images at Population Scale** - James Mays, MD

Afternoon Track Lectures (May 11, Afternoon):

Track 1: Clinical Informatics and EHR	Track 2: Analytics and Informatics	Track 3: Digital Pathology and AI
Why Do People Ignore My Order Alert?: Evaluation of Factors That Affect Compliance with Clinical Decision Support Tools - Ronald Jackups, MD PhD	**Data Analysis and Data Visualization For Pathology Projects: Common Mistakes and How To Avoid Them** - Yonah Ziemba, MD	**Strategies to Evaluate the Impact of Image Attributes on Algorithm Behavior** - Mark Zarella, MD
Incorporating Digital Pathology into an Integrated Electronic Health Record Workflow - John Ozolek, MD	**Scaling Up with R in Production** - Stephan Kadauke, MD, PhD and Amrom Obstfeld, MD, PhD	**Digital Pathology Provides a Wealth of Data: What Are You Doing With It?** - Lisa-Jean Clifford
Engaging Extended RBC Phenotyping and Genotyping Information: HL7 FHIR Implementation Guide Status - John Spinosa, MD, PhD	**Laboratory-Led Population Health Services: What Enables Laboratories to Successfully Support Value-based Care Initiative** - Chris Garcia, MD	***Becich-Friedman Distinguished Presentation** **Five Million Digital Slides Later: Workflow Lessons Learned**- Orly Ardon, PhD, MBA

API Focus Session: Analytics, Machine Learning, and Artificial Intelligence in the Clinical Laboratories (May 12, Morning):

Informatics and Information Technology Tools for POCT Governance - Edward Leung, PhD, DABCC, FACB/FAACC
Operational Effects of a Ransomeware Attack on a Regional Health System - John Spinosa, MD, PhD, FACP
Lessons Learned in Auto-verification in the Core Clinical Laboratory - Darci Block, PhD
Basic Machine Learning to Improve and Personalize Laboratory Testing - Sarah Wheeler, PhD
Constructing Machine Learning Models That Can Be Transferred Across Clinical Practices - Daniel Herman, MD, PhD

Travel Awardees

Alaaeddin Alrohaibani, MD
Oregon Health and Science University

Vahid Azimi, MD
Washington University in St. Louis

David Beyer, MD, FRCPC
University of Alberta
Alberta, CAN

Sarah Dudgeon, MPH
Yale University
New Haven, CT

Daniel Gonzalez, MD
University of Pittsburgh Medical Center

Qiangqiang Gu, PhD Student
Mayo Clinic

Mikael Haeggstroem, MD
Danbury Hospital
New Haven, CT

Patricia Hernandez, MD
Washington University in St. Louis

Kyungmin Ko, MS, MD
Baylor College of Medicine/Texas Children's Hospital

Taryme Lopez Diaz, MD
University of Louisville, Louisville, KY

Waqas Mahmud, MD
Stony Brook University Hospital

Jitin Makker, MD
University of California Los Angeles

Chie Ohnishi, MD
Memorial Sloan Kettering Cancer Center

Nada Shaker, MD, MS
The Ohio State University Wexner Medical Center

Nicholas Spies, MD
Washington University in St. Louis

Charisse Treece, MD
UCLA David Geffen School of Medicine

Masao Yoshida, MD, PhD
Memorial Sloan Kettering Cancer Center

Nalan Yurtsever, MD
Zucker School of Medicine at Hofstra/Northwell

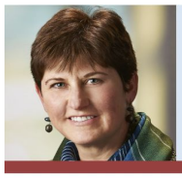
Xi Zhang, MD, PhD
Washington University in St. Louis

API Travel Award Donors and Sponsors

Edward Klatt, MD (Mercer University)
Ulysses Balis, MD (University of Michigan)
Michael Becich, MD (University of Pittsburgh)
Alexis Carter, MD (Children's Healthcare of Atlanta)
Toby Cornish, MD, PhD (University of Colorado)
Rajesh Dash, MD (Duke University Medical Center)
Monica De Baca, MD (Pacific Pathology Partners)
Ji Yeon Kim, MD, MPH (Kaiser Permanente)
Bruce Levy, MD, CPE (Geisinger Health System)
Patrick Mathias, MD, PhD (U. of Washington)
David McClintock, MD (Mayo Clinic)
Amron Obstfeld, MD, PhD (U. of Pennsylvania)
Tushar Patel, MD (University of Illinois at Chicago)
Peter Perotta, MD (West Virginia University)
Danielle Pirain (Visiopharm Account Executive)
Michael Riben, MD (MD Anderson Cancer Center)
Rodney Schmidt, MD, PhD (U. of Washington)
John Sinard, MD, PhD (Yale Medical School)
S. Joseph Sirintrapun, MD (MSKCC)
Michelle Stoffel, MD, PhD (U. of Minnesota)
Sahr Syed, MD (University of Cincinnati)
Enrique Terrazas, MD, MS (Quest Diagnostics)
J. Mark Tuthill, MD (Henry Ford Health System)
Sara Wheeler, MD (University of Pittsburgh)
Christopher Williams, MD (U. of Oklahoma)
Jennifer Woo, MD (UCI Health)
Keluo Yao, MD (City of Hope National Medical Ctr)

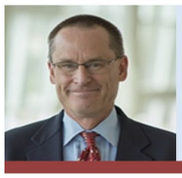
Becich-Friedman Distinguished Oral Presentation Awardees

Seven individuals were selected for a 30-minute podium presentation amongst all abstract submissions.



Orly Ardon, PhD, MBA
Digital Pathology Diagnostics Scientific Manager
Memorial Sloan Kettering Cancer Center
ardono@mskcc.org

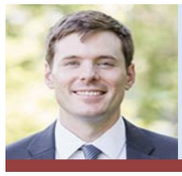
Five Million Digital Slides Later: Workflow Lessons Learned



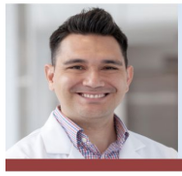
W. Scott Campbell, PhD, MBA
Associate Professor
Department of Pathology/Microbiology
University of Nebraska Medical Center
wcampbel@unmc.edu
SNOMED CT for Cancer Synoptic Reporting: Advancements since 2019

Colleen Hébert, DHA
Clinical Quality Manager, Cancer Protocols and Data Standards
College of American Pathologists
chebert@cap.org
Developing Quality Standards for the College of American Pathologists Electronic Cancer Protocols

Andrew Laitman, MD, PhD
Resident, Laboratory Medicine and Pathology
University of Washington
laitman@uw.edu
A Dynamically Generated Machine Learning Model to Identify Low Prevalence Sars-Cov-2 Samples for Pooled Pcr Testing



James A. Mays, MD
Fellow
National Cancer Institute
alex.mays@nih.gov
Cancer Registry Collection and De-identification of Whole Slide Images at Population Scale



Samuel McCash, MD
Medical Director of Laboratory Information Systems
Memorial Sloan Kettering Cancer Center
mccashs@mskcc.org
Automated Reporting of Critical Values Enabled by Development of a Web-based Application

Nicholas Spies, MD
Resident, Clinical Pathology
Washington University School of Medicine in St. Louis
nspies@wustl.edu

Detecting Anomalous Laboratory Results Using Manifold Approximation

API Lifetime Achievement Award

The API Lifetime Achievement Award (formerly called the "API Honorary Fellow Award") was established by the API Governing Council in 2002. The Award recognizes individuals who have made significant contributions to the development of pathology informatics as a clinical and academic subspecialty of pathology. Nominations for the award are solicited from the API membership and the API Council selects the recipient. The 2010 and subsequent awards will be presented at Pathology Informatics conference. (Previous awards were presented at either APIII or LabInfoTech Summit.)

Mary F. Kennedy, MPH, CT (ASCP)

"If any of you work with the CAP -- as a member of a committee or in a similar role -- you probably know that Mary Kennedy is synonymous with 'clinical informatics.'

Mary began her career as a cytotechnologist and laboratory management before joining the CAP in 1995. In 1999, she joined the SNOMED team at CAP. Something I learned about Mary recently is that she stepped away from the CAP for one year, in 2010, to become the Manager of Pathology Informatics for the National Cancer Institutes's Cancer Human Biobank (caHUB) project. She subsequently returned to the CAP and assumed her current role as Director of Clinical Informatics Initiatives.

During her time with the CAP, Ms. Kennedy has been instrumental in developing and promoting the CAP cancer protocols, structured data capture, and electonic cancer checklists or 'eCCs.'

Mary played a key role in securing grant funding from the Centers for Disease Control and Prevention. This funding has been in place since 2005 and supports the work of the CAP's Pathology Electronic Reporting Taskforce (PERT), which includes maintaining the cancer protocols and the electronic cancer checklists.

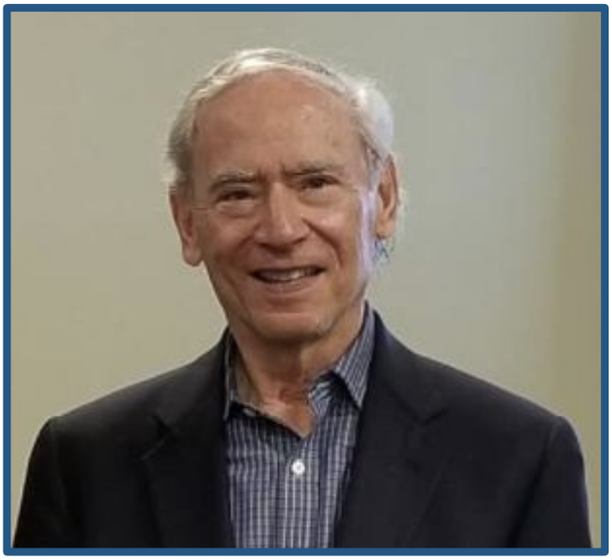
In addition to her work in funding and development, Mary has, from the beginning, been an ardent promotor the cancer protocols, data standardization, and the capture and exchange of structured cancer capture. Her efforts have led to widespread adoption of the cancer protocols by labs and cancer registries in the united states, Canada, and elsewhere.

Additionally, many of us interact with Mary regularly in her role, supporting various informatics-related CAP committees, including the Digital and Computational Pathology Committee, the Informatics Committee, and the Artificial Intelligence Committee. And, anyone that has been involved with these committees will recognize her tenacious advocacy for informatics within the CAP and her deep expertise in our field.

Truly she has been a major part of some of the most impactful and widely adopted pathology informatics efforts in the last two decades and continues to promote and support some of the most vital areas of pathology informatics. And for these reasons, the API recognizes her outstanding achievements!" - Toby Cornish, MD, PhD - API President's PI Summit Address 2022

API Distinguished Service Award

The Association for Pathology Informatics presented its Distinguished Service Award for 2022 at the Pathology Informatics Summit 2022 meeting in May in Pittsburgh, PA. The presenter was API President Dr. Toby C. Cornish. This award recognizes outstanding service to the Association for Pathology Informatics and to outstanding contributions to the development and evolution of informatics as an integral element of pathology education and practice.



Bruce A. Friedman, MD
Emeritus Professor, Informatics
Department of Pathology, Michigan Medicine
University of Michigan

"To list all of Dr. Friedman's efforts in service to the API would be near impossible. Before the API existed, he was already an avid and tireless promotor of informatics as a subspecialty of pathology. To this end, he was instrumental in the founding of the API in 2000. He served in a number of key positions in API, including as president for 3 years from 2002 to 2005. Some even credit Bruce with having named the field of pathology informatics in an article published in the American Journal of Clinical Pathology in 1990. Today, though, we would like to specifically commend him for his contributions to pathology informatics meetings.

It is undeniable that Bruce has played an integral role in establishing the key meetings that have focused on education, training, and dissemination of research and innovative technology. These meetings have also been instrumental in creating partnerships between vendors and customers, so that they could drive forward the product innovation that is the essential substrate of our vocation.

Bruce automated Information Management in the Clinical Laboratory (AIMCL) which was held in Ann Arbor for 21 years (around 2003). Bruce established and ran the Lab InfoTech Summit meeting, and was responsible for merging it with the APIII meeting. This merger created the Pathology Informatics Summit in 2010, with Bruce playing a key organizational role in the Summit in many subsequent years. In addition to helping to launch API's flagship meeting, he also established the API-Sunquest Webinar series. Finally, Bruce helped to develop the Digital Pathology and AI Workshop (DPAI) in 2017.

API cannot thank Dr. Friedman enough for all he has done and continues to do for the Society." - Toby Cornish, MD, PhD - API President's PI Summit Address 2022

The API Virtual Classroom Series: The API Virtual Classroom Series resumed at this year's PI Summit and provided educational opportunities for its members and those interested in furthering their understanding of informatics. Sessions covered Pathology Bootcamp, R Language Primer and Programming Symposium on Data Sciences, and HIMA Imaging Science. Attendees were able to claim CME credits for sessions provided through the University of Michigan.

Digital Pathology Workshop 5.0: On November 3, 4, and 5, 2021, API organized the "VIRTUAL Digital Pathology and AI Workshop 5.0," which emphasized the practical considerations for digital pathology and artificial intelligence relevant to home practices. 137 registrants attended a total of 15 lectures by national and international experts. Included in the workshop was a virtual tour of the digital pathology labs at Michigan Medicine in Ann Arbor, Michigan. Attendance and engagement was robust despite hosting in a virtual meeting space.

Learning objectives for registrants sought to improve understanding of:

- the directions for digital pathology and AI from U.S. and international perspectives (given the advances in technology, market shifts, regulatory changes, and transformation in pathology culture)
- the deployment of digital pathology with operational considerations for remote sign-out, optimization of surgical pathology workflows and information system integration
- AI fundamentals with future possibilities for using AI.

API will hold the next Digital Pathology Workshop 6.0 virtually in partnership with the University of Pennsylvania on November 2-4, 2022.

API/Sunquest Educational Webinars: Beginning February 23, 2022, API and Sunquest sponsored highly relevant webinars exploring how institutions could overcome the operational setup, communication and analytics challenges health systems face. These webinars were free of charge to API members and were also available to be downloaded from the members' only area of the API website. Webinars continued beyond the 2021-2022 fiscal year. Here is a list of all of the sessions:

- February 23, 2022, "Beyond the Bar Chart: How to Communicate Tough Data for Good Policymaking," James Crawford, MD, PhD, Northwell Health
- May 4, 2022, "The Most Overlooked Precursor to Digital Pathology Initiatives: Pre-Analytics Quality Control," Liron Pantonwitz, MBBCh, University of Michigan
- July 13, 2022, "Managing By Numbers: What it Means to Use Business Analytics to Manage the Clinical Lab," J Mark Tuthill, MD, Henry Ford Health System
- September 14, 2022, "Benefits of Tissue-Tek Paraform Sectionable Cassette System in Histology and Pathology," Jason 'Jay' Innerhofer, MHS, Lead PA(ASCP)^{CM}, Pathology Associates of Albuquerque
- November 9, 2022, "The Future of the Clinical Lab in an At-Home / In-Phone / On-Watch World," Panel Discussion.

While Sunquest co-sponsors these annual sessions, they are free from commercial interests/promotions. They are a great way to provide educational content to specific audiences. We are grateful to Dr. Bruce Friedman for his outstanding efforts and vision in organizing these sessions.

Clinical Informatics Medical Subspecialty: Clinical Informatics (CI) is a board-certifiable subspecialty primarily housed in the American Board of Preventive Medicine and co-sponsored by the American Board of Pathology. Pathologists are the only candidates outside of Preventive Medicine who are allowed to register for the exam through their own specialty board. Currently, candidates can qualify for the exam by either completing an ACGME-accredited fellowship or through the Practice Pathway. Since the first exam administered in October 2013, 2,262 physicians from 24 specialties have become boarded, with pathologists comprising 158 (7%) of total CI diplomates. The year 2021 featured Cohort 9, consisting of 308 diplomates (out of 401 examinees), which is a notable rise from the previous year's diplomates of 227. This is indicative of the rising significance in informatics. Of note, the American Board of Pathology approved a 3-year extension for certification through the practice pathway. 2025 will be the last year one can apply for the CI board exam through the Practice Pathway, barring an extension by the American Board of Medical Specialties.

Journal of Pathology Informatics (JPI)

The Journal of Pathology Informatics (JPI) is an open access, peer-reviewed journal dedicated to the advancement of pathology informatics. This is the official journal of the Association of Pathology Informatics (API). The first issue was published in March 2010. The Journal of Pathology Informatics (JPI) is now in its twelfth year and has transitioned to a new publisher, Elsevier, as of January 2022.

Under Wolters-Kluwer (January 1, 2021-December 31, 2021), Scopus citation overview for a set of 247 documents gives **H Index as 21**. The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Ex Libris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TdNet, Wanfang Data. The journal is indexed with, or included in, the following: DOAJ, PubMed Central, SCOPUS. Cite Score of the journal in 2020 is 5.6.

The following report reflects the Journal's performance to that date under Elsevier.

JPI continues to grow in recognition with a Citation Rate of 6.9 and an H Index of 18. We continue to have high-quality pathology informatics articles being submitted. Dr. Liron Pantanowitz and Dr. Anil V. Parwani wish to thank the editorial board and the API for their continued support.

JPI aims to publish broadly about pathology informatics and freely disseminate all articles worldwide. All types of papers related to pathology informatics are published, including original research articles, technical notes, reviews, viewpoints, commentaries, editorials, book reviews, and correspondence to the editors. All submissions are subject to peer review by the editorial board and expert referees in appropriate specialties.

The journal is indexed with, or included in, the following: DOAJ, PubMed Central, SCOPUS.

Since the Journal's inception, 77.8% of all submissions were original articles, with the remainder of submissions consisting of Reviews (10.8%), Notes (4.7%), Conference Papers (1.9%), Letters (1.9%), Editorials (1.4%), and Erratum (1.4%).

EDITORS-IN-CHIEF

Liron Pantanowitz, MD
University of Michigan
Ann Arbor, Michigan, USA

Anil V. Parwani, MD, PhD, MBA
The Ohio State University
Columbus, Ohio, USA

JPI CO-MANAGING EDITOR

Nova Marie Smith
Association for Pathology Informatics
Pittsburgh, PA

JPI CO-MANAGING EDITOR

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Journal of Pathology Informatics

Confidential **Publisher's Report**

Ian Blackford, Publisher
Lindsay Allen, Senior Publisher

May 10, 2022

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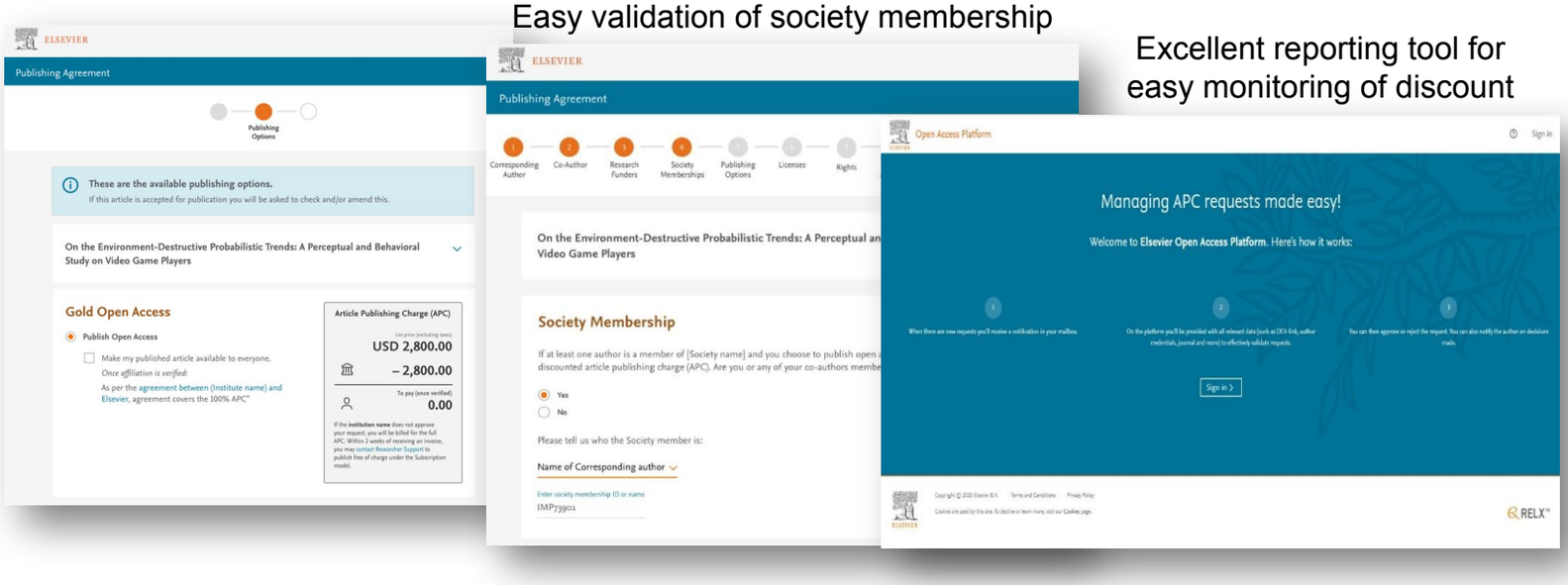


Easy and transparent process for authors, through editorial and production

Marketing objectives

The objectives of marketing JPI are to:

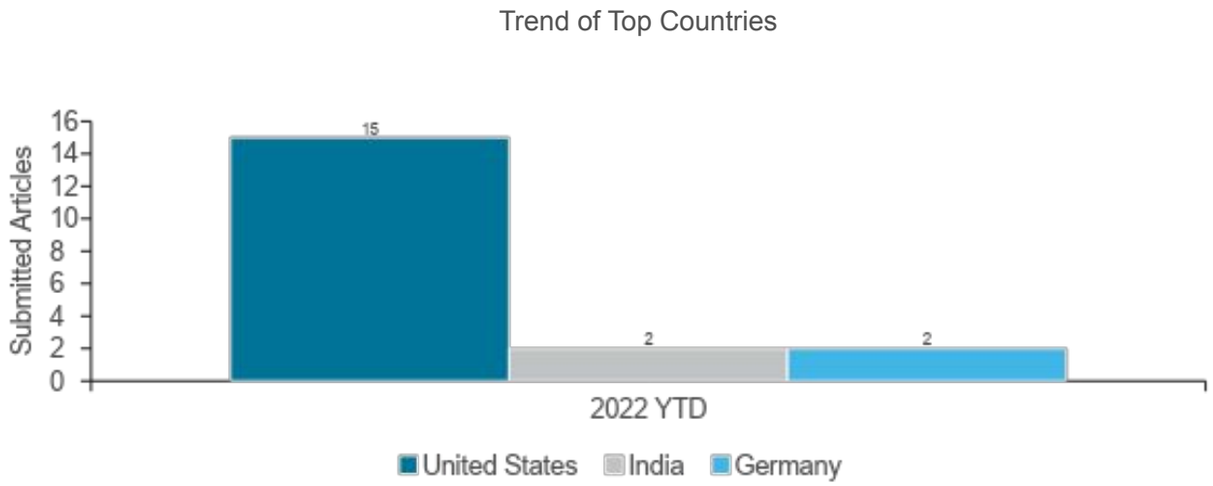
- Establish the journal as a trusted and respected brand, by emphasizing the journal's society affiliation and the high profile of the Editors-in-Chief and editorial team.
- Attract quality content from top authors in pathology.
- Position JPI as a "go to" open access publication for rapid dissemination of new research and innovations, development, and best practices in pathology informatics.
- Increase awareness and drive readership and usage.
- Promote JPI as a key member benefit.

Campaign	*Audience*	*Objective*
Call for papers email	JPI authors and competitive journal authors from Scopus	Traffic to JPI homepage, submissions
Social media PPC campaign	Elsevier LinkedIn Channel	Engagements, submissions
"Congratulations on your acceptance" and "Congratulations on your publication" email to authors	Accepted/Published authors	Recognition
"Your paper's impact" email	Published authors	Article usage
Social media posts: article-level posts	Elsevier Facebook and Twitter Channels	Article usage and social engagements
Most Downloaded Articles email	JPI and competitive journals' authors	Article usage
Gold open access subject area email	Competitive journals	Submissions
Email: New issue available, highlighted papers	JPI authors and competitive journal authors from Scopus	Article usage
Author-Centric Call for Papers	Related journal authors	Submissions
Journal Metrics email	Competitive journals	Submissions
API Membership email	JPI authors and competitive journal authors from Scopus	Awareness
PlumX Campaign: Feature articles with interesting PlumX scores	JPI Journals authors	Article Usage
Top downloaded articles email	JPI Journals authors	Article usage
Call for papers email	JPI journals authors and competitive authors from Scopus	Submissions
New indexations email campaign	JPI journals authors and competitive authors from Scopus	Submissions
Thank you authors and reviewers email	Authors and reviewers	Recognition

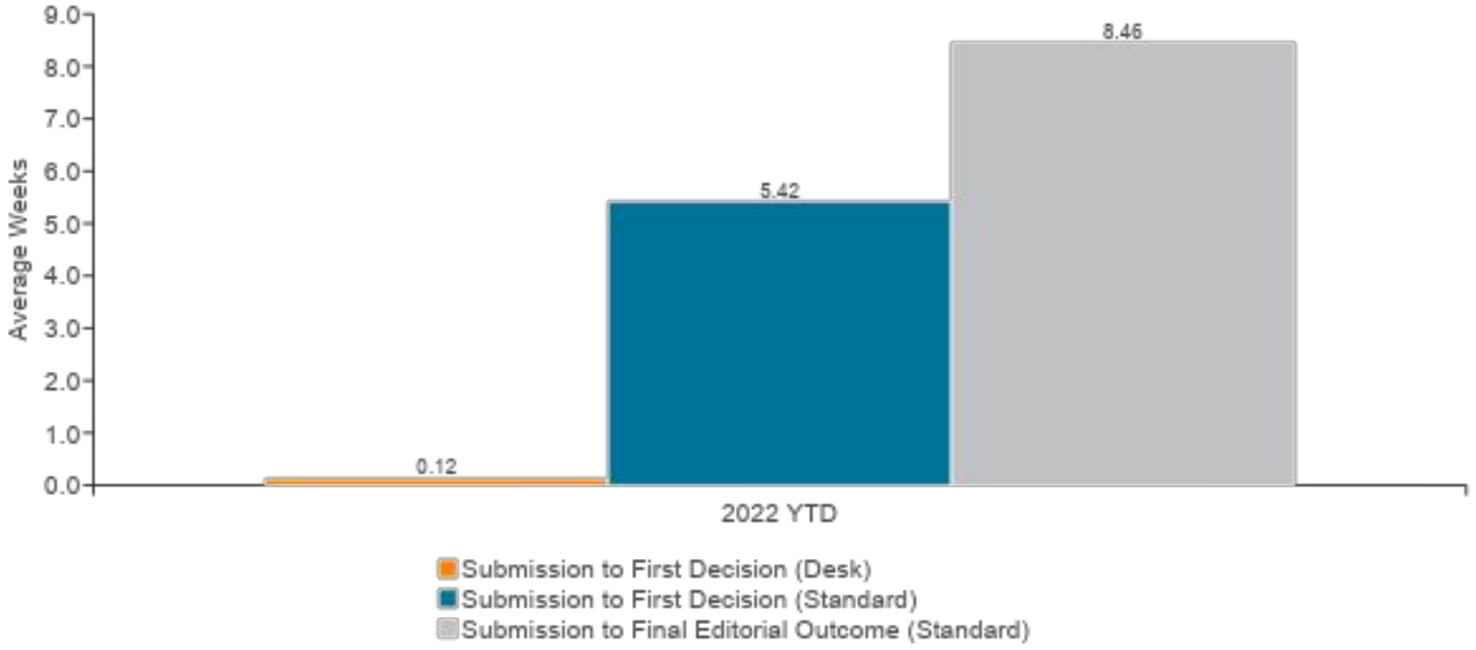
Submitted Manuscripts & Editorial Outcomes, 2022 YTD

Submitted Articles by Region, 2022 YTD

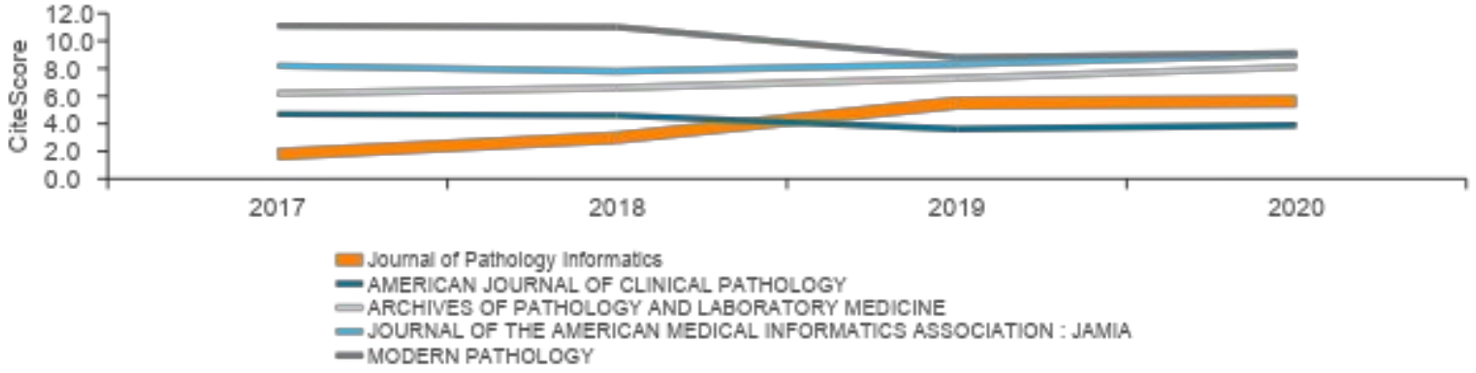
Submitted Articles by Country, 2022 YTD



Average Editorial Speed for Accepted and Rejected Articles



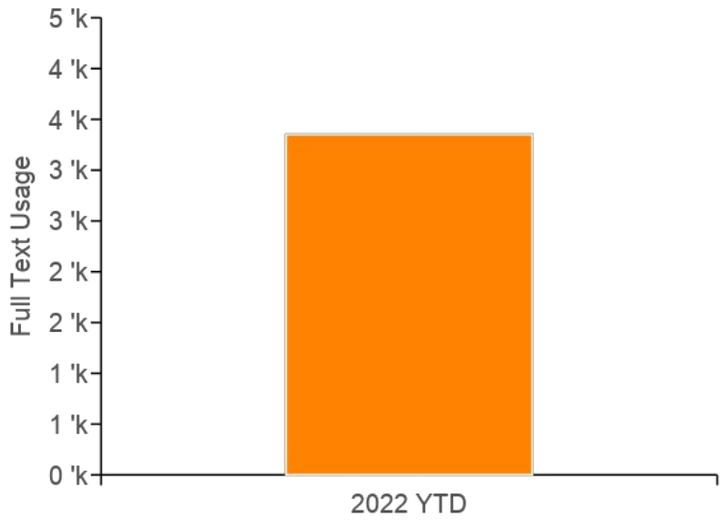
CiteScore



ISSN	Title	2017	2018	2019	2020	2021
21533539	**Journal of Pathology Informatics**	**1.8**	**3.0**	**5.5**	**5.6**	**6.9**
00029173	AMERICAN JOURNAL OF CLINICAL PATHOLOGY	4.7	4.6	3.6	3.9	5.3
00039985	ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE	6.2	6.6	7.3	8.1	9.5
10675027	JOURNAL OF THE AMERICAN MEDICAL	8.2	7.8	8.3	9.0	9.5

Category	Rank	Total Journals	Quartile
Pathology and Forensic Medicine	35	191	Q1
Health Informatics	19	95	Q1
Computer Science Applications	153	693	Q1

Full Text Usage 2022 YTD



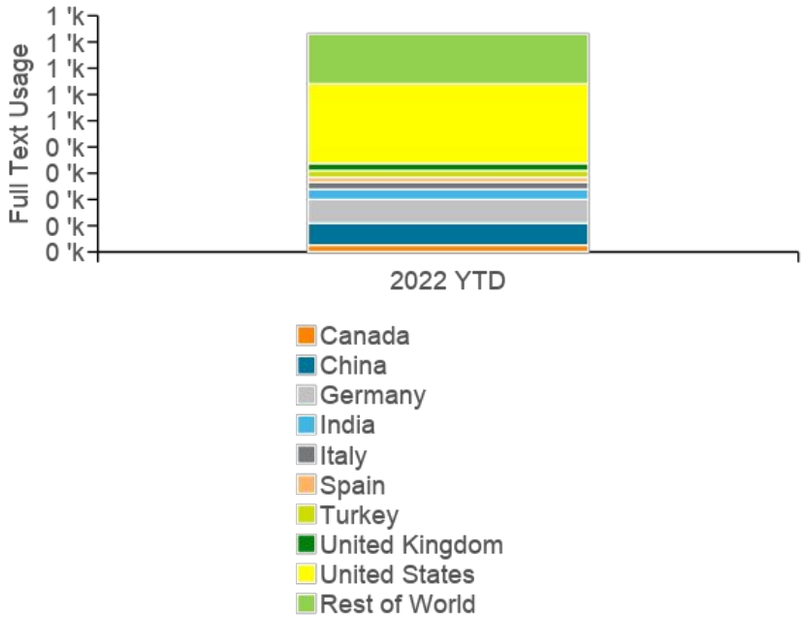
Type	2022 YTD
ScienceDirect	3,351

Most Downloaded Articles From ScienceDirect, 2022 YTD (Published All Time)≈≈≈

Downloads	Article Title	Authors	Publication Year
409	MiNuGAN: Dual Segmentation of Mitoses and Nuclei Using Conditional GANs on Multi-center Breast H&E Images	Salar Razavi, Fariba D. Khameneh, Hana Nouri, Dimitrios Androutsos, Susan J. Done, April Khademi	2022
282	Searching Full-Text Anatomic Pathology Reports Using Business Intelligence Software	Simone Arvisais-Anhalt, Christoph U. Lehmann, Justin A. Bishop, Jyoti Balani, Laurie Boutte, Marjorie Morales, Jason Y. Park, Ellen Araj	2022
275	Automatic Classification of Cancer Pathology Reports: A Systematic Review	Thiago Santos, Amara Tariq, Judy Wawira Gichoya, Hari Trivedi, Imon Banerjee	2022
269	Artificial Intelligence-based Tumor Segmentation in Mouse Models of Lung Adenocarcinoma	Alena Arlova, Chengcheng Jin, Abigail Wong-Rolle, Eric S. Chen, Curtis Lisle, G. Thomas Brown, Nathan Lay, Peter L. Choyke, Baris Turkbey, Stephanie Harmon, Chen Zhao	2022
266	Quantitative Nuclear Histomorphometry Predicts Molecular Subtype and Clinical Outcome in Medulloblastomas: Preliminary Findings	Jon Whitney, Liisa Dollinger, Benita Tamrazi, Debra Hawes, Marta Couce, Julia Marcheque, Alexander Judkins, Ashley Margol, Anant Madabhushi	2022
235	Reporting of Artificial Intelligence Diagnostic Accuracy Studies in Pathology Abstracts: Compliance with STARD for Abstracts Guidelines	Clare McGenity, Patrick Bossuyt, Darren Treanor	2022
205	Automated Detection of Portal Fields and Central Veins in Whole-Slide Images of Liver Tissue	Daniel Budelmann, Hendrik Laue, Nick Weiss, Uta Dahmen, Lorenza A. D'Alessandro, Ina Biermayer, Ursula Klingmüller, Ahmed Ghallab, Reham Hassan, Brigitte Begher-Tibbe, Jan G. Hengstler, Lars Ole Schwen	2022
195	CNViz: An R/Shiny Application for Interactive Copy Number Variant Visualization in Cancer	Rebecca G. Ramesh, Ashkan Bigdeli, Chase Rushton, Jason N. Rosenbaum	2022
182	A Novel Superpixel Approach to the Tumoral Microenvironment in Colorectal Cancer	Sean M. Hacking, Dongling Wu, Claudine Alexis, Mansoor Nasim	2022
174	Novel Pixelwise Co-Registered Hematoxylin-Eosin and Multiphoton Microscopy Image Dataset for Human Colon Lesion Diagnosis	Artzai Picon, Elena Terradillos, Luisa F. Sánchez-Peralta, Sara Mattana, Riccardo Cicchi, Benjamin J. Blover, Nagore Arbide, Jacques Velasco, Mª Carmen Etzezarraga, Francesco S. Pavone, Estibaliz Garrote, Cristina L. Saratxaga	2022

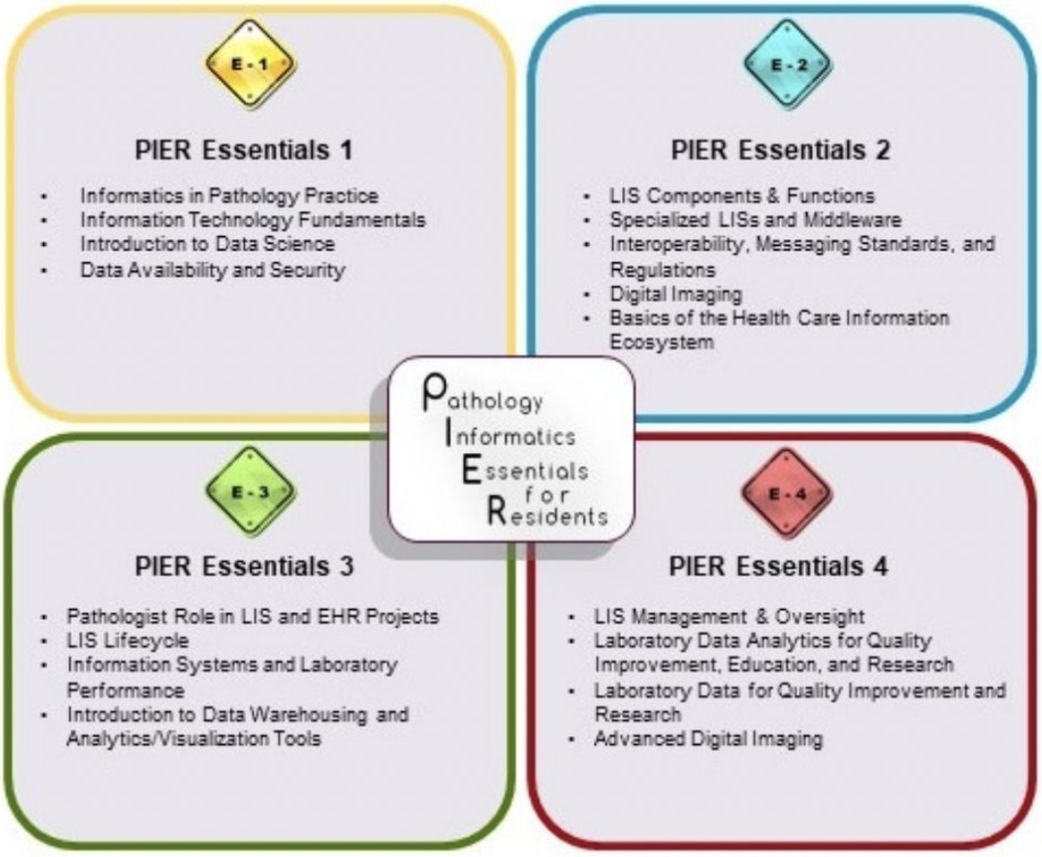
ScienceDirect Usage: Top 10 Countries & Regions by Last Year

Country or Region	2022 YTD
Canada	26
China	84
Germany	90
India	38
Italy	28
Spain	19
Turkey	25
United Kingdom	27
United States	304
Unknown	2,521
Rest of World	189
Total	**3,351**



Presence of API in National Initiatives: The Association for Pathology Informatics believes that pathology informatics is an integral part of the practice of Pathology in the 21st Century and therefore strongly supports informatics education for all pathology residents. This led us into a partnership with the Association of Pathology Chairs and the College of American Pathologists to create Pathology Informatics Essentials for Residents, or PIER. PIER "is a research-based instructional resource that presents training topics, implementation strategies and resource options for program directors and faculty to effectively provide informatics training to their residents and meet ACGME informatics milestone requirements. PIER is also an effective resource for aspiring specialists to develop prerequisite pathology informatics knowledge and skills prior to advanced training or fellowships." ("Pathology Informatics Essentials for Residents (PIER)." Association of Pathology Chairs, Web. 21 June 2018.) Please visit the PIER website for more information.

In further support for pathology informatics education, API has long provided pathology informatics "boot camps" on the first day of the Pathology Informatics Summit. Recordings of the presentations and the presentation slides have been reviewed and mapped to the PIER Essentials to assist pathology residency faculty in the delivery of pathology informatics knowledge to our residents.



2022 marks another year of progress for the Pathology Informatics Essentials for Residents (PIER) curriculum, a free instructional resource developed under a partnership between the Association for Pathology Informatics (API), the Association of Pathology Chairs (APC), and the College of American Pathologists (CAP). The curriculum is available for download on the APC website at: https://www.apcprods.org/pier.

The last update of the curriculum was completed in 2021. Before making decisions about the next updates, the PIER Leadership Committee agreed to survey pathology residency program directors and faculty in 2022. The purpose of this survey was to better understand: 1) what programs are doing now to teach informatics and 2) what resources they have available compared to what was happening when PIER was launched in 2014. In addition, the committee wanted to use survey results to help inform decisions about changes needed for the PIER curriculum going forward. We received full survey responses from 26 of 142 programs (18% response rate). Key conclusions from the survey are as follows: Data Trends Seen in Previous Usage Surveys include: 1) lack of faculty and informatics expertise are barriers for those NOT teaching informatics, 2) time continues to be a challenge for those teaching informatics, and 3) once programs start using PIER, they continue using it. A new finding, from a question asking respondents to rate a list of informatics topics on the amount of instruction needed for a pathology resident graduate to be successful in the first few years of practice, revealed that ratings of informatics topics varied regarding the amount of instruction needed. The PIER Leadership Committee met in July to review the survey results and make decisions on next steps. A key outcome was a decision to leverage informatics sessions in development by PIER Leadership Committee member, Dr. James H. Harrison, MD, PhD at the University of Virginia. The goal is to better support programs who are struggling to include informatics in their curriculum. The nine sessions, with topics drawn from the PIER curriculum, will be about one-hour each in length and be supported by a facilitator guide. This material will also be a free resource available from the PIER web page. A release date is pending.

Other API Educational Programs: The API was represented at a number of national conferences in 2021-2022. API-branded content was delivered at the annual meetings of the College of American Pathologists (CAP) and the Association for Molecular Pathology (AMP). The API will continue to participate as a Companion Society of the United States and Canadian Academy of Pathology (USCAP) and present at the annual USCAP meetings. API-branded content has also been delivered to the Pathology Visions meeting held by the Digital Pathology Association.

Official representatives of the API have also been involved in a number of national initiatives, including, but not limited to the American Society for Clinical Pathology (ASCP), USCAP, and AMP. Select members also participate in multiple standards organizations such as Health Level 7 International (HL7) and Digital Imaging and Communications in Medicine (DICOM) as well as provide guidance on important national topics like the Food and Drug Administration certification of whole slide imaging, computational pathology and algorithm use. Many of our members also provide informatics talks at local, regional, national, and international specialty meetings such as the Companion Society Session, the ASCP Annual Meeting, Digital Pathology Association Annual Session, the American Association for Clinical Chemistry (AACC) Annual Meeting and AACC University Pathology Informatics Boot Camp, Healthcare Information and Management Systems Society, Inc. (HIMSS), and Society for Imaging Informatics in Medicine (SIIM).

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Teaching Institutional Members

Since its inception in 2011, API's Teaching Institutional Membership program has been very successful in attracting the 'best-in-class' academic institutions that have collectively demonstrated leadership in adopting and teaching information technology in the medical (and specifically pathology) specialties.

In FY2022, API offered Basic Membership, Expanded and Premium Teaching memberships. The Basic Teaching Membership includes membership for the department chair, 2 faculty/senior staff, and 4 interns, residents, or fellows (your current level of membership). The Expanded Teaching Membership includes membership for the department chair, 5 faculty/senior staff, and 8 interns, residents, or fellows. The Premium Teaching Membership includes membership for the department chair, 8 faculty/senior staff, and 12 interns, residents, or fellows:

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Memorial Sloan Kettering Cancer Center
Walter Reed National Military Medical Center
Washington University in St. Louis
UW Medicine

BASIC TEACHING INSTITUTIONS:
University of California at San Francisco, Department of Pathology
The University of Chicago Medicine
East Carolina University in conjunction with Vidant Medical Center
University of Colorado, Department of Pathology
Duke Pathology, Duke University School of Medicine
Henry Ford Health System
Houston Methodist
University of Illinois at Chicago, Department of Pathology
The University of Kentucky College of Medicine
Michigan Medicine at the University of Michigan
University of Minnesota Medical School
Nemours Children's Health System
Northwestern University Medicine
Penn Medicine
The University of Pittsburgh, Department of Biomedical Informatics
Stony Brook Medicine
The University of Texas MD Anderson Cancer Center
Yale University School of Medicine

MEMBERSHIP BENEFITS

- Access to official API Listserv, materials, and broad member expertise
- Access to continually updated educational content and features for those without Pathology Informatics expertise and to help current and future Pathology Informatics faculty save time creating educational content by sanctioned reuse of member content. There are currently over 100 recorded lectures and PowerPoint slideshows available from past API meetings (PI Summit, Digital Pathology and AI workshop, etc.) on the API website for members to access and review for educational purposes.
- Access to training webinars, programs, and PIER content
- Discounted publication fees for the API's Journal of Pathology Informatics
- Reduced registration rate for members at the Annual API Summit Meeting
- Networking connections

API FY22 SUMMARY BUDGET	FINAL FY22
API Revenue	
API Membership	$79,661.25
Pathology Informatics Summit 2022 (Net)	($35,724.94)
Digital Pathology Workshop 2021 (Net)	$38,557.00
Virtual Education (not PI Summit or DPAI)	$11,645.45
Journal of Pathology Informatics (Net)	($5,637.06)
Other revenue	$7,112.71
Subtotal API FY22 Revenue	**$95,614.41**
API Expenses	
API Membership	$18,102.00
Staff includes taxes and benefits (includes 1099 staff)	$138,877.23
Other Expenses	$35,113.77
Subtotal API FY22 Expenses	**$192,093.00**
Profit/Loss FY22	***($96,478.59)***

PI SUMMIT 2022 SUMMARY BUDGET	FINAL FY22
PI Summit 2022 Revenue	
Registrations	$93,808.01
Exhibitors	$106,100.00
Sponsorships (not including travel awards)	$2,500.00
Subtotal PI Summit 2022 Revenue	**$202,408.01**
PI Summit 2022 Expenses	
DLCC (includes catering, Meeting WiFi, electric, AV, etc.)	$178,020.37
Hotel and travel costs for staff and planning committee	$11,724.14
Faculty Reimbursements (Keynotes)	$13,359.92
Print/online ads	$700.00
Meeting totes, key cards, lanyards	$1,724.30
Staff expenses (parking, tolls, mileage, etc.)	$450.74
CVENT On Arrival and event app	$17,119.60
Trainee awardee luncheon	
Poster/vendor bingo prizes	$7,873.06
Graphic Design, advertising, printing and postage (programs, handouts, signage, etc.)	$5,111.74
Webinar platform expenses (Zoom)	$0.00
Registration refunds	$2.00
Office supplies	$322.78
Exhibitor refunds	$1,724.30
Staff including 1099 included in D16	$20,597.99
Subtotal PI Summit FY22 Expenses	$238,132.95
Profit/Loss PI Summit 2022 FY22	**($35,724.94)**

API VIRTUAL CLASSROOM SERIES FY21 SUMMARY BUDGET	FINAL FY22
Virtual Classroom Series 2022 Revenue	
Registrations	$11,645.45
Virtual Exhibitors	$0.00
Subtotal Webinar Series 2022 Revenue	**$11,645.45**
Webinar Series 2022 Expenses	
Webinar Platform expenses (Zoom or other technology)	$0.00
Speaker honoraria	$0.00
Graphic design/advertising	$0.00
Other Expenses?	$0.00
Registration refunds (allowance)	$0.00
Staff including 1099	$673.75
Subtotal Webinar Series 2022 Expenses	**$0.00**
Profit/Loss Webinar Series FY22	**$11,645.45**

DPAI WORKSHOP 2021 SUMMARY BUDGET	FINAL FY22
DPAI Workshop 2021 Revenue	
Registrations	$24,057.00
Exhibitors	$14,500.00
returned faculty reimbursement	$0.00
Sponsorships	$0.00
Subtotal DPAI Workshop 2021 Revenue	$38,557.00
DPAI Workshop 2021 Expenses	
Conference Center (catering, AV, WiFi, etc.)	$0.00
Hotel charges for Friday dinner, AV, etc.	$0.00
Speaker honoraria	$0.00
Faculty and staff travel (hotel, air/car, etc.)	$0.00
Webinar platform expenses (Zoom)	$0.00
Graphic design, advertising, printing of handouts and signage	$0.00
Registration refunds (allowance)	$0.00
Other Expenses (name badges and holders, desk supplies, etc.)	$0.00
Staff including 1099	$876.25
Subtotal DPAI Workshop 2021 Expenses	$0.00
Profit/Loss DPAI Workshop 2021 FY22	**$38,557.00**

Financial Report

JPI FY22 Budget	FINAL FY22
JPI Revenue	
Royalties payments from Medknow	$7,276.94
Fees collected from JPI authors by API	$6,380.00
Subtotal FY22 JPI Revenue	$13,656.94
JPI Expenses	
Purchases of books for review and postage	$0.00
Charges from Medknow	$19,294.00
Subtotal FY22 JPI Expenses	$19,294.00
JPI - Expenses FY22	**($5,637.06)**

PHILANTHROPIC BUDGET	FINAL FY22
Philanthropic Donations	
Contributions (excluding travel awards)	$0.00
Travel Award Contributions	$13,650.00
Subtotal FY22 Philanthropic Revenue	$13,650.00
Philanthropic Expenses	
Travel awards granted	$14,986.92
Other	$667.00
Subtotal FY22 Philanthropic Expenses	$15,653.92
Philanthropic Donations - Expenses FY22	**($2,003.92)**

STAFF

Nova Smith
API Executive Director
Senior Conference Manager
JPI Co-Managing Editor
4801 McKnight Road #1069
Pittsburgh, PA 15237
Office Phone: 412-445-7019
nova.smith@pathologyinformatics.org

Beth Gibson
Operations Manager
Conference Manager
Office Phone: 734-615-5727
beth.gibson@pathologyinformatics.org

Rebecca Boes
Programmer/Web Developer
Electronic Communication Staff

Grace Chae
API Executive Assistant
JPI Co-Managing Editor