



2024

Research

How Often Do You Think About Your Hypothalamus?



Well-Being

A New CUIMC ERG

Education

INTEGRITY at Pathology

New Year, New Beginnings



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Columbia Pathology and Cell Biology Report

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**ON THE COVER:**

Counting Stars illustration by Storyset

New Year, New Beginnings



AS I transition from the interim to the permanent Chair of the Department of Pathology and Cell Biology, I do so with a sense of humility, gratitude, and optimism. First, I would like to thank Dean Armstrong for the confidence she has placed in me. I would also like to thank the faculty and staff for your enthusiastic support and best wishes. It is an honor for me to be given the opportunity to continue the impressive history of excellence in research, training, and clinical care. The Department of Pathology and Cell Biology has a long history of innovation and excellence, both clinically and scientifically. This was augmented by the merger in 2004 with the Department of Anatomy and Cell Biology. Since that time, the Department of Pathology and Cell Biology has enjoyed a top-tier status leading most academic departments in number of grants and total grant dollars. I would like to thank my predecessors, Mike Gershon, Mike Shelanski and Kevin Roth for the hard work and vision in accomplishing this.

I look forward to the challenges and opportunities we have before us. One such opportunity includes the digital transformation in Anatomic Pathology and the gateway to artificial intelligence (AI) that it provides. I also look forward to working with the NewYork-Presbyterian Hospital, the Columbia scientific community, and the Herbert Irving Comprehensive Cancer Center to enhance and further enable our efforts in precision and personalized medicine. Other important goals will be to strengthen and increase ties and interactions with other basic, clinical, and translational research communities within the medical center and the School of Public Health. I also look forward to actively participating and partnering in reshaping the VP&S Biomedical Research Education as we begin reimagining the Ph.D. graduate programs. This is to just a fraction of the exciting new challenges that lie ahead.

I also want to take this time to acknowledge how much we owe to our most senior investigators. For years we have stood on the shoulders of giants. Lloyd Greene, Mike Shelanski, Michael Gershon, Richard Vallee, and Jim Goldman are all investigators who have had active grants as recently as 2021 and all continue to serve as invaluable sources of guidance and advice to countless students, fellows, and junior faculty. Most recently, we honored Richard Vallee at the Naidorf Symposia this past December. There is no other testament to the value impact of a career than to witness one's trainees thrive, succeed, and then return to honor you with such affection. The 30th Kenneth F. Naidorf Memorial Symposia won't soon be forgotten.

Finally, I want to thank Ron Liem, Clarissa Waites, and Ulrich Hengst for agreeing to take leadership roles in the newly formed Department of Pathology and Cell Biology's Office of Research and Training (ORT), whose goal will be to guide, grow, and oversee cohesion and collaboration amongst the basic and translational scientist within the Department of Pathology and Cell Biology, and our sister institutes and centers at the Taub Institute, the Motor Neuron Center, the Institute of Cancer Genomics and the Naomie Berrie Diabetes Center.

There is much to anticipate and much work to do. But I am confident in the direction we are heading in and know, without a doubt, that we will reach the milestones we've set for ourselves. Thank you. ♦

Best wishes,

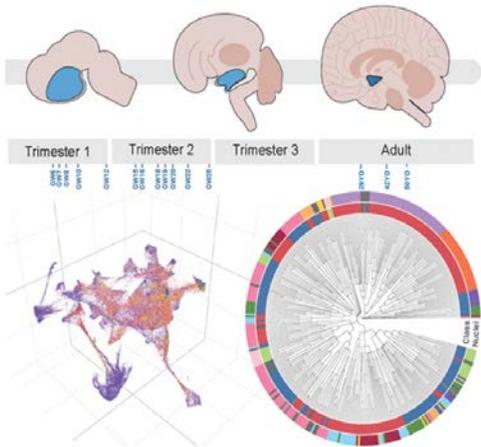
Kevin Gardner

Kevin L. Gardner, MD, PhD
Chair

RESEARCH

First census of the cells of the developing and adult human hypothalamus at single-cell resolution

Source: Columbia Pathology Newsroom



How often do you think about your hypothalamus? Chances are that you never do. Compared to the rest of our brain, it is tiny - just the size of an almond. Yet it is our body's master control, regulating a myriad of functions, including body temperature, circadian rhythm, sleep, blood pressure and blood volume, stress responses, hunger and satiety, arousal, and lactation. Until recently, our understanding of the hypothalamus at cellular resolution came from animal studies.

Now, the cellular complexity of the human hypothalamus has been documented by Columbia researchers Drs. Hannah Glover and [Claudia A. Doege](#), in collaboration with Drs. Brian Herb and Seth Ament from the University of Maryland School of Medicine.



Claudia A. Doege, MD, associate professor of Pathology and Cell Biology at CUMC

Their paper entitled: "Single-cell genomics reveals region-specific developmental trajectories underlying neuronal diversity in the human hypothalamus", published in [Science Advances](#), provides the first single-cell census of the hypothalamus throughout development into adulthood. The study was conducted as part of the Brain Research Through Advancing Innovative Neurotechnologies (BRAIN) initiative, a \$3 billion National Institutes of Health-funded effort to understand the human brain in unprecedented detail.



Dr. Hannah Glover embraced the challenge of assigning each of sampled 241,096 cells to their cell type identity. She is convinced that this knowledge is prerequisite to understanding the pathogenetic mechanisms underlying human disease associated with hypothalamus.

The team's analysis of the gene expression profiles of 241,096 hypothalamic cells led to identifying up to 369 transcriptionally distinct neuronal subtypes representing 10 hypothalamic subregions. Their computational analysis enabled the assignment of immature neurons of the developing brain to their respective mature adult cell populations. This landmark publication also compared the human hypothalamic cell populations to those reported in the mouse hypothalamus. It confirmed substantial cell type conservation across both species, though these related cell populations had distinct gene regulatory networks. The investigators further assessed how the developing human hypothalamus compares to other developing brain regions and noted distinct and shared drivers of neuronal maturation across the human forebrain.

Understanding the human hypothalamus at cellular resolution unlocks capacity for research into the cellular mechanisms underpinning disease. Drs. Glover and Doege are using this atlas to study cellular targets affected in obesity. This research requires knowing which of the hundreds of hypothalamic cells may be affected and may allow the generation of therapeutics to restore function to the affected cell type. Beyond its relevance for obesity research, this atlas will serve the broader scientific community for understanding the cellular and molecular basis of disease affecting other hypothalamic functions.

This paper [joins the work of 24 other BRAIN Initiative papers](#) published across high-impact journals in understanding the human brain in extreme detail.

HOLIDAYS AT PATHOLOGY

Missing the holidays? Revisit the joy and cheer of the season by reading the Connections holiday issues on Path Connect [here!](#) View photo booth images from the 2023 department holiday party [here](#). Enjoy!

STAFF SPOTLIGHT

New Hire Shout-Outs

Marquis Fuse, Education Programs Manager



We are pleased to introduce our newest team member, Marquis Fuse, who has joined us as the Education Programs Manager in the Department of Pathology and Cell Biology. In this newly established role, Marquis will play a crucial part in supporting our education programs, with a focus on residency and fellowships. He will have a dual reporting role to Dr. Carlos Pagan and Joann Li, as we work together to centralize and expand the management and administrative support of our various departmental educational and teaching programs on campus.

Marquis comes to us from Memorial Sloan Kettering, where he has dedicated the past decade to various roles, most recently as a GME supervisor managing the Pathology & Laboratory Medicine fellowship programs and related activities. His knowledge and expertise will enhance our residency and fellowship programs, and he will undoubtedly contribute overall to our teaching mission.

A fun fact about Marquis is that he is a classically trained opera singer who performs in concert series regularly in the city. His hobbies include baking/cooking, attending live performances and shows, and traveling.

Marquis' office is located at PH15-1587, and while his phone number is pending, you can contact him via email at mlf2209@cumc.columbia.edu. Please join us in extending a warm welcome to Marquis. We are excited to have him on board and look forward to the positive impact he will undoubtedly bring to our department.

Achievement Shout-Outs

Eric G. Steinhardt, MPH, FACHE Awarded CHCIO-Eligible Certification

We're pleased to announce that Eric G. Steinhardt, Director of IT recently became a CHIME Certified Healthcare CIO, Eligible. Launched in 2008 by the College of Healthcare Information Management Executives (CHIME), the CHCIO program is the only certification designed exclusively for leaders in health information technology. It represents one of the highest professional achievements in the industry. Over 700 healthcare CIOs in 23 countries have earned their CHCIO or CHCIO-Eligible designation.

"Healthcare is undergoing a massive transformation," said CHIME President and CEO Russell Branzell, CHCIO. "We are shifting to a value-based environment, improving coordination across the continuum, and striving to reduce costs. Health IT is critical to achieving these goals. The CHCIO-eligible designation recognizes that Eric is prepared to fill a healthcare CIO position and has the skills necessary to be a strategic leader in their organization." Congratulations, Eric!

To achieve CHCIO-Eligible status, candidates must be in an executive position, participate in programs and events that continue their education as an IT leader, and pass a rigorous examination. These qualifications ensure that the CIO-Eligible is genuinely dedicated to ongoing education, an essential characteristic in the health information technology industry.

ANNUAL LECTURESHIP: To recognize Dr. Marboe's long and distinguished career in the department, we have established an annual lectureship in his honor. The annual Dr. Charles Marboe Lecture will continue Dr. Marboe's history of sharing his expertise in cardiovascular pathology, cardiology, and heart transplantation. This endowed lecture will ensure quality education within the department by supporting Columbia's most important assets: its accomplished educators and faculty members who shape the future leaders in the field.

SUPPORT EDUCATION! To make a tax-deductible gift to the lectureship, please click [here](#).

OTHER GRANTS AND AWARDS (SINCE DECEMBER 2023)

Compiled by Renee Peele

PI	Sponsor	Title
Osama Al-Dalahmah, MD, PhD	Taub Institute Grants for Emerging Research (TIGER)	Defining the Single Cell and Spatial Pathology of Limbic-predominant Aging-related TDP43-proteinopathy Neuropathologic Change
Peter Canoll, MD, PhD	Herbert Irving Comprehensive Cancer Center	Advancing a new ferroptosis-inducing drug (VP224) to a clinical trial for GBM
Peter Canoll, MD, PhD	Joan & Sanford I. Weill Medical College of Cornell University/NIH	Fatty acid metabolic regulation of anti-tumor immunity against irradiated glioblastoma
Peter Canoll, MD, PhD	Mayo Clinic Arizona/NIH (U54 - subaward)	Mathematical Oncology Systems Analysis Imaging Center (MOSAIC) - Project 1
Eunhee Choi, PhD	National Institute of General Medical Sciences	Investigation of the role of insulin receptor in chromosome stability
Krystalyn E Hudson, PhD	National Heart, Lung, and Blood Institute	Mechanistic dissection of reticulocyte-mediated enhanced RBC alloimmunization
Sumin Jang, PhD (Associate Research Scientist-Wichterle Lab)	National Institute of Mental Health	Identifying human-specific neural progenitors and their role in neurodevelopment
Brian Joseph, PhD (Postdoctoral Research Scientist-Wichterle Lab)	National Institute of Diabetes and Digestive and Kidney Diseases	VZV in the enteric nervous system: pathogenesis and consequences
Greg Gundersen, PhD	National Institute of General Medical Sciences	Cytoskeleton, Nucleus and Integrin Recycling in Cell Migration (SUPPLEMENT)
Greg Gundersen, PhD	Taub Institute Grants for Emerging Research (TIGER)	Nucleocytoskeleton Connections and Mechanotransduction in Alzheimer's Disease
Wen-Hsuan (Wendy) Lin, MD, PhD	The Assistant Secretary of Defense for Health Affairs	Targeting Inflammatory Signals as Therapeutic Strategies for Peripheral T-Cell Lymphoma
Brianna Pereira (Graduate Student-Canoll lab)	The American Epilepsy Society	Postdoctoral Research Fellowship - Interictal Discharges in Disease Progression of Glioma Associated Epilepsy
Liza Pon, PhD	National Institute of General Medical Sciences	Mitochondrial inheritance and quality control (SUPPLEMENT)
Markus Siegelin, MD	William Rhodes and Louise Tilzer-Rhodes Center for Glioblastoma at NewYork-Presbyterian Hospital	Targeting UBR5 with a Novel PROTAC in Glioblastoma Models

OTHER GRANTS AND AWARDS (SINCE DECEMBER 2023)

Compiled by Renee Peele

PI	Sponsor	Title
Yu Sun Neuropathology Fellow	Herbert Irving Comprehensive Cancer Center Leadership	Dissecting IDH-mutant dependence and intratumor heterogeneity during astrocytoma progression
Andrew Teich, MD, PhD	Taub Institute Grants for Emerging Research (TIGER)	A Proposal to use Explainable Artificial Intelligence (xAI) to diagnose and investigate the intersection of Lewy body disease and Alzheimer's disease
Carol Troy, MD, PhD	Taub Institute Grants for Emerging Research (TIGER)	Non-invasive delivery of novel cell-penetrant modulators of retromer for the treatment of Alzheimer's Disease
Hee Won Yang, PhD	V Foundation for Cancer Research	Deciphering mechanisms of RAS inhibitor resistance in NRAS-mutant melanoma
Hee Won Yang, PhD	National Institute of General Medical Sciences	Deciphering the mechanism of non-canonical cell cycle entry

Other New Grants

Source: CUIMC Updates



[Hynek Wichterle](#), PhD, professor of pathology and cell biology, rehabilitation & regenerative medicine and in neuroscience (neurology): \$1,196,160 over two years from Project A.L.S. for "Preclinical evaluation of genetic and pharmacological modulators of motor neuron vulnerability in ALS."



[Tilla Worgall](#), MD, professor of pathology and cell biology: \$722,342 over five years for a subaward from the National Institute of Allergy and Infectious Diseases for "Respiratory sphingolipid synthesis implicit in airway hyperreactivity and viral-triggered asthma."

New Publications

- Brian R. Herb, Hannah J. Glover, Aparna Bhaduri, Carlo Colantuoni, Tracy L. Bale, Kimberly Siletti, Rebecca Hodge, Ed Lein, Arnold R. Kriegstein, [Claudia A. Doege](#), And Seth A. Ament. Single-cell genomics reveals region-specific developmental trajectories underlying neuronal diversity in the human hypothalamus. *Science Advances*, 8 Nov 2023, Vol 9, Issue 45 [DOI: 10.1126/sciadv.adf6251](https://doi.org/10.1126/sciadv.adf6251)
- Anne Marie W. Bartosch, Elliot H. H. Youth, Shania Hansen, Yiyang Wu, Heather M. Buchanan, Maria E. Kaufman, Harrison Xiao, So Yeon Koo, Archana Ashok, Sharanya Sivakumar, Rajesh K. Soni, Logan C. Dumitrescu, Tiffany G. Lam, Ali S. Ropri, Annie J. Lee, Hans-Ulrich Klein, Badri N. Vardarajan, David A. Bennett, Tracy L. Young-Pearse, Philip L. De Jager, Timothy J. Hohman, [Andrew A. Sproul](#) and [Andrew F. Teich](#). ZCCHC17 modulates neuronal RNA splicing and supports cognitive resilience in Alzheimer's disease. *Journal of Neuroscience* 22 November 2023, JN-RM-2324-22; [DOI: https://doi.org/10.1523/JNEUROSCI.2324-22.2023](https://doi.org/10.1523/JNEUROSCI.2324-22.2023)
- M Zhang*, S Kim*, and [H Yang](#); Non-canonical pathway for Rb inactivation and external signaling sequentially coordinate cell-cycle entry without CDK4/6 activity. *Nat Comm*, 14: 7847, 2023
- [H Yang](#); Investigating heterogeneous cell-cycle progression using single-cell imaging approaches. *Methods Mol Biol*, In Press, 2024

DEPARTMENT UPDATES

Ronald Liem, Ulrich Hengst and Clarissa Waites Appointed Vice Chair and Associate Vice Chairs of new Office of Research and Training



Ronald K. Liem, PhD

We are pleased to announce the establishment of the Office of Research and Training (ORT) within the Department of Pathology and Cell Biology. This significant initiative underscores our commitment to advancing basic science research, training and fostering a culture of innovation within our department. Dr. [Ronald Liem](#) has been appointed as the Vice Chair of the Office of Research and Training.

Dr. Liem brings a wealth of experience and a proven track record in basic science research, making him an excellent leader for this critical role. In addition, we are excited to announce that Dr. [Ulrich Hengst](#) and Dr. [Clarissa Waites](#) will be serving as Associate Vice Chairs in the newly established office. Their expertise in their respective fields will be invaluable as we work towards enhancing our department's research capabilities and promoting collaborative initiatives.

The Office of Research and Training will play a pivotal role in supporting and advancing basic science research within our department. It will serve as a hub for fostering interdisciplinary collaborations, providing training opportunities for students, trainees, and others in their early career stages, and will provide support to all faculty at all stages of their research careers. To ensure the success of the ORT, a committee will be formed consisting of accomplished researchers and other professionals with diverse expertise. This committee will work collaboratively to provide guidance and strategic direction, ensuring that the ORT achieves its goals and contributes significantly to the advancement of basic science research within our department.

We thank Dr. Liem, Dr. Hengst, and Dr. Waites for taking on this important responsibility. We are confident they will be successful in their new roles and will help to build a robust research and training division that will further the distinguished research history of the department. We look forward to the exciting developments that will come with their leadership. We are enthusiastic about the opportunities that the Office of Research and Training will bring to our department, and we encourage all members to actively participate and engage in the various programs and initiatives that will be rolled out in the coming months.

Please join us in congratulating Dr. Ronald Liem, Dr. Ulrich Hengst, and Dr. Clarissa Waites on their new roles, and stay tuned for more updates as we embark on this exciting journey of research and training excellence.



Ulrich Hengst, PhD



Clarissa Waites, PhD

OTHER HONORS AND AWARDS



[Vivette D'Agati](#), MD, Delafied professor of pathology and cell biology, named among Research.com's 2023 ranking of Top 1000 Female Scientists in the world.

Useful Information

There are many tax advantages to giving appreciated stock to the Department of Pathology and Cell Biology. In donating appreciated securities, you avoid capital gains tax and qualify for a charitable income tax deduction for the full value of the securities.

Please visit www.giving.cuimc.columbia.edu/ways-give/gifts-securities for more information.

STAFF SPOTLIGHT

Melissa Carter Joins APEX

Melissa Carter, associate director of clinical revenue, has been named as an Affiliate Member of the Academic Pathology Executives Section (APEX) within the Association of Pathology Chairs organization.

Melissa's dedication and contributions to our administrative team have been extensive, and we are confident that her expertise and unique skills will greatly enhance the APEX group. Her commitment and passion for her work make her a true asset, not just to our department but also to APEX. We're looking forward to seeing the teamwork and insights she will bring to the table. Congratulations, Melissa!

The Academic Pathology Executives Section (APEX) is a forum for the exchange of information and ideas to make recommendations concerning the business and administrative aspects of running an academic Pathology department.

We're Epic Certified!

Say hello to our newest Epic Certified department members! Congratulations to the AP team on this major accomplishment!

- Doreen Hebert, Epic Beaker Pathologist Builder Certified
- Mabel Rosario, Epic Beaker AP Certified
- Alicia Francis, Epic Beaker AP Certified
- Regina Cullen, Epic Beaker CP & AP Certified

FACULTY PROMOTIONS



[Ulrich Hengst](#), PhD, promoted to professor of pathology and cell biology (in the Taub Institute for Research on Alzheimer's Disease and the Aging Brain) (with tenure).

WELL-BEING

New ERG Created at CUIMC Co-Led By Yasmeen Majoka

The Office of Diversity, Equity, Inclusion and Belonging at CUIMC proudly announced the recent launch of the Islamic Cultural ERG. This ERG will be led by **Yasmeen Majoka** (executive director of finance and business operations in Pathology and Cell Biology) and Hanna Siddiqui (assistant director of budget & financial analysis of Academic Unit Finance at CUIMC).

The mission of the Islamic Cultural ERG is to raise awareness of and provide support for the Muslim community at CUIMC and Columbia University and to act as a strategic partner with CUIMC to promote a culture of inclusivity across the full spectrum of the Muslim identity. The Islamic Cultural ERG is committed to fostering awareness, including professional and personal growth through educational training, professional development, networking, and community service in accordance with CUIMC's goals and values. We will contribute significantly to the cultural richness and overall well-being of its members and the broader CUIMC community.

We look forward to a future where the full cultural and religious diversity of the CUIMC population is acknowledged and celebrated. The Islamic community is diverse and vibrant—both in New York City and worldwide—and our membership will contribute this energy and vibrancy to the work that animates us at CUIMC.

Membership is open to all CUIMC and Columbia University staff, faculty, and employee affiliates, regardless of religious affiliation. Please contact Yasmeen Majoka at ym2783@cumc.columbia.edu to be added to their mailing list for news, updates, and opportunities to contribute.

EDUCATION

INTEGRITY Invests in the Future of Cancer Health Research.



Funded by the [American Cancer Society \(ACS\)](#), [Center for Diversity in Cancer Research \(DICR\)](#), the Department of Pathology and Cell Biology, with support from the [Herbert Irving Comprehensive Cancer Center \(HICCC\)](#) at CUIMC, is pleased to announce that beginning January 2024, we will be accepting applications for the **INTEGRITY (Integrating Transdisciplinary Research and Training to Eliminate Cancer Health Disparities) program.**

Integrity is a two-year post-baccalaureate program whose goal is to train a new generation of health disparities researchers through an educational and training experience that will empower trainees to visualize and embrace their future studies with confidence, excitement, and purpose within a culture that fosters fearless scientific inquiry, communication, and belonging.

Fellows will be taught and mentored by internationally recognized experts in the science of cancer health disparities research, community outreach, and community-based research participation. At the program's completion, they will complete a substantial mentored research project presented at a national conference. Additionally, throughout the program, fellows will attend seminars, lectures, and other educational events around Columbia University. By the program's end, our fellows will have the foundational scientific knowledge and forward-looking career guidance to successfully transition to the next phase of their educational and professional lives

Learn more about *INTEGRITY* and the department's other [education pathways programs](#).

STAFF SPOTLIGHT

Pathology HR Shines with Holiday Sweater Contest Win



Our Pathology HR team is full of holiday cheer as they win the "Spectacular Squad" Award at the 2023 CUIMC Ugly Sweater Holiday Contest on December 13th.

From left: Gregory Ellner (HR coordinator), Courtney Tulli (HR coordinator), Susan Ceballo (HR generalist), and Angelic M. Pla (director, HR and academic affairs)

Our very own Pathology HR Team won "Spectacular Squad" at the 2023 CUIMC ugly holiday sweater competition on December 13, 2023. But there's nothing "ugly" about the message of these "Team Holiday Spirit" sweaters, nor the happy smiles of the winners.

To learn about the other winners of the ugly holiday sweater competition, visit the [CUIMC Newsroom](#).

RETIREMENTS

Richard Vallee, PhD

Professor Emeritus of Pathology and Cell Biology



After over twenty years in our department, Dr. Richard Vallee retired at the end of December 2023. Dr. Vallee is a pioneer in the study and analysis of microtubule-associated proteins who discovered, purified, and characterized the cytoplasmic microtubule transport motor protein dynein. His work has and will continue to impact the field of cell biology dramatically. “As a graduate student, I often used the methods he developed to purify microtubules,” said Dr. Kevin Gardner, interim chair.

Dr. Vallee was appointed as Professor Emeritus of Pathology and Cell Biology in January of 2024 and was honored on December 15, 2023, at the Kenneth Naidorf Lecture and Symposium, where we celebrated his career with a series of lectures by colleagues, friends, past and present students, and post-docs.

Murty Vundavalli, PhD

Special Lecturer in Pathology and Cell Biology



Dr. Murty Vundavalli, a distinguished professor and co-director of cancer cytogenetics at the Institute for Cancer Genetics, is set to retire this year, culminating 26 years of exceptional dedication to the department and the Columbia community.

Dr. Vundavalli started his tenure in the department in 1997 and has earned recognition as a leading authority in unraveling the genetic and epigenetic underpinnings of cervical cancer and hematologic malignancies. He proudly holds memberships in esteemed professional organizations, including the American Society of Human Genetics, the American Association for Cancer Research, and the American Society of Hematology

Useful Information

Updating online faculty profiles – Regularly updating your profile is strongly encouraged. Department faculty can update their profiles by contacting pathwebmaster@lists.cumc.columbia.edu.

How to update website content – If you find any outdated, incorrect, or missing content on our department website (www.pathology.columbia.edu), and would like to have it updated, please contact pathwebmaster@lists.cumc.columbia.edu.

How to post content on digital monitors – Have interesting content (research, events, people, celebrations, etc.) that you wish to post on our four digital monitors located near the main elevators of the P&S and PH buildings, and King Library, please contact PathNews@cumc.columbia.edu.

DEPARTMENT EVENTS

Pathology and Cell Biology Hosts HLA NYC 2024 Meeting

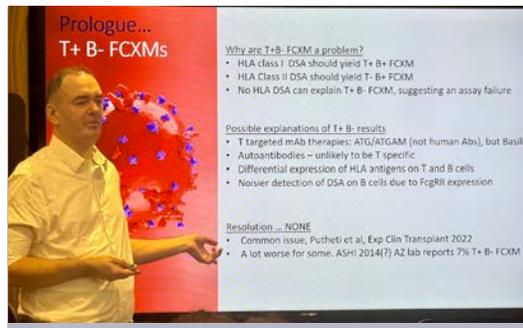


A group photo of the meeting attendees.

On January 25, 2024, the Immunogenetics and Cellular Immunology laboratory hosted HLA NYC 2024, a meeting bringing together local Histocompatibility and Immunogenetics laboratory directors and technologists. [The American Society for Histocompatibility and Immunogenetics \(ASHI\)](#) supported and funded the initiative.

The meeting aimed to be a forum for expertise exchange, and a training platform for technologists providing continuing education credits. Presenters included Dr Massimo Mangiola (NYU Langone), Dr Nicole Hayde (Montefiore), Dr. Taba Kheradmand (NYBC), and Dr. [George Vlad](#) (NYP/CUIMC) discussing pressing topics and current trends in Histocompatibility, Immunogenetics and Transfusion Medicine. Nick Paris (NYP/CUIMC) reviewed a comprehensive list of training resources followed by interesting case studies in transplantation by Scott Hodgson and George Vlad. In addition, the meeting was attended by other local area directors Dr. Vijay Sharma (Rogosin Institute), Dr. Prabhakar Putheti (Westchester Medical Center), Dr. Adriana Colovai (Montefiore Medical Center), Dr. Elena Vasilescu (NYP/CUIMC) and over 30 technologists from the greater NYC Area. The event was very well received by all in attendance and the idea of making the event an annual occurrence was floated.

The organizers would like to thank all those who helped to make the event possible: the ICI laboratory staff who got involved, Columbia Facilities for scheduling an all-day conference venue, Path IT for audio-visual support, Faculty Club for catering services, Security for managing the unexpected extra traffic.



Dr. George Vlad presenting.

30th Kenneth F. Naidorf Memorial Symposium: Celebrating the Career of Richard Vallee, PhD

An audience of CUIMC faculty, staff, students, and affiliates took part in the 30th Kenneth F. Naidorf Memorial Symposium on December 15th at the Roy and Diana Vagelos Education Center on Haven Avenue. This year's symposium celebrated the 20-plus-year career of Dr. Richard Vallee, professor emeritus of pathology and cell biology, who retired from the department on December 31st.

Kenneth Frederic Naidorf, M.D., Ph.D. 1950-1981

The Kenneth Naidorf Symposium was created in memory of Dr. Kenneth Naidorf. Dr. Naidorf entered Columbia University's College of Physicians and Surgeons with an M.D.- Ph.D. fellowship, completed his residency in internal medicine at the Columbia-Presbyterian Medical Center and was board certified in that specialty in 1980. At the time of the tragic accident that prematurely ended his life and career, Kenneth was Chief Resident in Dermatology at the Yale New Haven Hospital.



STAFF ANNIVERSARIES

As of January 2024

30+ Years

Andujar, Daisy
 Boldogh, Istvan
 Chalazonitis-Greene,
 Alcmena
 Chang, Chih-Chao
 D'Agati, Vivette Denise
 Delatorre, Ludwika
 D'Silva, Irene Rita
 Faust, Phyllis
 Garcia, Evelyn
 Gershon, Michael
 Goldman, James
 Greene, Lloyd
 Gundersen, Gregg
 Hernandez-Rosa, Evelyn
 Hibshoosh, Hanina
 Ho, Eric Koonming
 Kottmann, Andreas
 Liem, Ronald
 Li, Joann
 Liu-Jarin, Xiaolin
 Liu, Wei
 Marcantonio, Eugene
 Naini, Ali
 O'Toole, Kathleen Mary
 Pintar, John
 Pon, Liza
 Rodriguez, Jeanette
 Salcedo, Josefa
 Saqi, Anjali
 Shelanski, Michael
 Silvia, Elaine
 Steshenko, Valeria
 Szabolcs, Matthias
 Tanji, Kurenai
 Troy, Carol M.
 Valladares-Silva, Sunilda
 Vasilescu, Elena-Rodica
 Zhu, Zhe

1 Year (con't)

Pantanosas, Hira Marie
 Park, Haram
 Pichardo, Leslie

25 Years

Dufore, Dorian
 Garcia, Estervina
 Hebert, Doreen
 Li, Juncheng
 Lu, Jiasheng
 Remotti, Fabrizio
 Sellyei, Joseph
 Teplitskaya, Elita
 Wang, Xiaoying
 Xing, Luzhou

20 Years

Bartolini, Francesca
 Cujar, Claudia
 Green, Daniel
 Gutierrez, Mireya
 Jiang, Yihua
 Joseph, Lucena
 Li, Qing
 Lu, Louis Yijian
 Lyashchenko, Alex
 Qiu, Wanglong
 Spitalnik, Patrice
 Spitalnik, Steven
 Stwora-Wojczyk,
 Magdalena
 Wan, Pinglan
 Wojczyk, Boguslaw

15 Years

Aggarwal, Vimla
 Crapanzano, John
 Lagana, Stephen Michael
 Lee, Jayil
 Peele, Renee
 Rosario, Mabel
 Scanlon, Ava
 Turk, Andrew Thomas
 Wang, Yuancheng
 Yeung, Marvin

Pinkas, Adi
 Prugo, Filko
 Reddy, Hasini
 Ruddy, Lauren Anne
 Ruhl, Anne

10 Years

Abraham, Mindy Lynn
 Carney, Rita
 Dovas, Athanassios
 Dzameshie, Hope
 Jovel, Betty
 Keeling, Russell Jared
 Lin, Wen-Hsuan
 Myslymi, Rexhina
 Netterwald, Jane
 Steinhardt, Eric Glenn
 Sung, Simon
 Taveras, Josefina
 Walsh, Caitlin
 Wang, Zong Shi
 Yeh, Raymond
 Yusaf, Haniff Mohamed

5 Years

Connors, Caroline Quinn
 Cullen, Regina
 Detton, Alan James
 Edwards-Bones, Arlene
 Francis, Alicia
 Gantz, Brian
 Kalyuskin, Yevgeny
 Kim, Minah
 Koganti, Lahari
 Kudose, Satoru
 Li, Ping
 Metz, Jordan
 Miller, Michael
 Naclerio, Nicole
 Ong, Huon
 Park, Joonhyung
 Rockenbach Zenzen,
 Johnny Alex
 Tanagala, Kranthi Kiran
 Kishore
 Tennenbaum, Elena
 Wan, Qianfen
 Yancey, Ryan
 Yang, Hee Won
 Younis, Vinera

Schroeter, Juliane
 Selvakumar, Sandy
 Selvaraj, Rajakumar
 Snow, Miriam Ann
 Trinidad, Angelica Marisol

1 Year

Audain, Renissa
 Balachandran, Saranya
 Bertolini, Carina
 Bi, Xin
 Bullock, Margaret Elise
 Chandrasekaran,
 Alamelu
 Cruz, Clara
 Derakhshan, Fatemeh
 Duan, Zhe Ran
 Edwards, Jeniah Cleon
 Elias, Vincent Van
 Elkind, Peter James
 Ellner, Gregory
 Fecher, Roger
 Filpo Lopez, Katherine
 Gomez Navarro, Sergio
 Grant, Omeika
 Gutierrez, Cristina
 Harkins, Jeffrey
 Hossain, Sakib
 Hung, Albert
 Jakubiak, Kelly Ann
 Jerrick, Alecia Latoya
 Karlovich, Esma
 Kirk, Shane
 Konikov, Menachem
 Mendel
 Kopko, Joanna
 Lam, Tiffany
 Lee, Eunhyeong
 Lee, Katherine
 Lee, Young-Ho
 Levy, Samuel
 Li, Changping
 Liu, Tianye
 Madden, Nacoya
 Matos, Michelle
 Mauro, Michael
 Mun, Jeongyeon
 Nabeel, Hibbah
 O'Keefe, Sophie
 Oliveros, Giovanni

Vargas, Tiffanie Marie
 Young, Aoife
 Yousefi, Elham
 Zhuo, Xinming

