New & Notable

Stay Tuned for NYU Match Day, March 20th, 2020

Each year, fourth-year medical students across the country find out where they will begin their careers as doctors on suspense-filled day known as Match Day. Match Day represents a significant milestone in the career of a medical student. On this day, the years of demanding curricula, clinical rotations, and in some cases, many months spent traveling the country for rigorous residency interviews, come to an end. On Friday, March 20th, 2020, this year applicants will learn their residency placement and NYU Grossman School of Medicine will get ready to welcome the new residents.

Match Day is a term used widely in the graduate medical education community to represent the day when the National Resident Matching Program or NRMP releases results to applicants seeking residency and fellowship training positions in the United States. Match Day for the NRMP Main Residency Match is on the third Friday of March each year, and Match Day ceremonies occur at many of the 155 medical schools in the United States where those results are announced. Match Days for the NRMP Fellowship Matches occur throughout the year because each Fellowship Match has its own schedule of dates. Other national matching plans like the American Osteopathic Association, American Urological Association, and the San Francisco Match have dates on which they release their results. By participating in a national matching plan, applicants contractually agree to attend the residency, internship or fellowship programs to which they match. The same agreement applies to the programs; they are obligated to train the applicants who match to them.

Check our NYU Pathology Residency Program.

NYU Pathologists at USCAP Annual Meeting 2020

USCAP (United States and Canadian Academy of Pathology) will hold its 109th Annual Meeting, February 29-March 5, 2020 in Los Angeles, California. The conference is a great opportunity for personalized education, mentoring and outreach for world class Pathologists. NYU Pathology Faculty, Residents and Fellows will attend and contribute many posters, platform and oral presentations. See excel list here.

PLATFORMS

Recurrent Chromatin Remodeling Pathway Mutations Identified in Ovarian Juvenile Granulosa Cell Tumors
Theodore Vougiouklakis, Varshini Vasudevaraja, Guomiao Shen, Xiaojun Feng, Sarah Chiang, JE Berroeta, Kristen Thomas, Lauren Ende Schwartz, Rebecca Linn, Esther Oliva, Pratibha Shukla, Anais Malpica, Deborah Delair, Matija Snuderl, George Jour Platform, 3/2/2020, 8:00am - 8:15am

Appendiceal Neuroendocrine Hyperplasia: Proposed Terminology for Small Appendiceal Neuroendocrine Tumors Based on Long-Term Follow-Up and Review of the Literature
Qing Chang, Odise Cenaj, Yvelisse Suarez Platform, 3/2/2020, 8:45am - 9:00am

Epigenetic Signatures of Synchronous and Metastatic Endometrioid Adenocarcinomas

Gleason Score 3+4=7 Prostate Cancer with Minimal Pattern 4 Identified in Prostate Needle Biopsy Barely has Worse Pathological Outcomes
Antonio Serrano, Jonathan Melamed, Qinghu Ren, Hongying Huang, Kyung Park, Abdallah Flaifel, Fangming Deng Platform, 3/2/2020, 11:15am - 11:30am
Continuity of Interstitial Spaces within Skin and Colon and with Their Underlying Fascia: Pathways for Spread of Malignancy and Infection
Odise Cenaj, Douglas Allison, Briana Zeck, Lilly Drohan, Luis Chiriboga, Young Nyun Park, Neil Theise
Platform, 3/2/2020, 1:45pm - 2:00pm

Revealing the P16 Positivity Thresholds in Cytology Cell Blocks of Oropharyngeal Squamous Cell Carcinoma- A Comparison with Surgical Pathology P16 Staining
Qian Wang, Justin Snow, Wei Sun, Osvaldo Hernandez, Pascale Levine, Oliver Szeto, Aylin Simsir, Tamar Brandler
Platform, 3/2/2020, 2:30pm - 2:45pm

Comparison of Solid Tissue Sequencing and Liquid Biopsy: Identification of Clinically Relevant Gene Mutations and Rearrangements in Lung Adenocarcinomas
Douglas Allison, George Jour, Kyung Park, Deborah DeLair, Andre Moreira, Matija Snuderl, Paolo Cotzia
Platform, 3/3/2020, 8:45am - 9:00am

The Distinct Genomic Landscapes of Hepatitis C and Alcohol Related Hepatocarcinogenesis Sequences
Alejandro Vargas, John David Paulsen Jr., Varshini Vasudevaraja, Stephen Kelly, Matija Snuderl, George Jour, Neil Theise
Platform, 3/3/2020, 1:00pm - 1:15pm

POSTERS

Clinicopathologic Features of Warthin-like Variant of Papillary Thyroid Carcinoma (WL-PTC): A Retrospective Analysis of a Rare Entity from a Large Academic Institution
Tuyet Tran, Fang Zhou, Cheng Liu, Tamar Brandler
Poster, 3/2/2020, 9:30am - 12:00pm
(Stowell-Orbison Award Finalist)

Tumor Microenvironment Characteristics in Early and Advanced TERT Promoter Hotspot Mutant Melanomas
Issa Hindi, Douglas Donnelly, Stephen Kelly, Russell Scott Berman, Eleazar C Vega-Saenz de Miera, Anna C Pavlick, Imran Osman, George Jour
Poster, 3/2/2020, 9:30am - 12:00pm
(Stowell-Orbison Award Finalist)

Methylation Profiling of Clear Cell Papillary Renal Cell Carcinoma
Fei Chen, Fang-Ming Deng, Jonathan Serrano, Paolo Cotzia, Matija Snuderl, Kyung Park
Poster, 3/2/2020, 9:30am - 12:00pm
(Stowell-Orbison Award Finalist)

Intraoperative Evaluation of the Nipple/Subareolar Tissue During Nipple Sparing Mastectomy: Accuracy, Pathological Correlation and Clinical Significance
Antonio Serrano, Farbod Darvishian, Ugur Ozerdem, Diana Nimieh, Paolo Cotzia, Stella Gordin
Poster, 3/2/2020, 1:00pm - 4:30pm

Implementation of the Milan System for Reporting Salivary Gland Cytopathology (MSRSGC): A Cytohistologic Correlation Study from a Large Academic Medical Center
Issa Hindi, Oliver J. Szeto, Osvaldo J. Hernandez, Wei Sun, Aylin Simsir, Tamar C. Brandler
Poster, 3/2/2020, 1:00pm - 4:30pm

The diagnostic utility of EZH2 H-Score and Ki-67 index in non-invasive mammary apocrine lesions
Theodore Vougiouklakis, Brendan Belovarac, Andrew Lytle, Luis Chiriboga, Ugur Ozerdem
Poster, 3/3/2020, 9:30am - 12:00pm

Optimizing Test Order Practices for Cytomegalovirus Immunohistochemistry in Gastrointestinal Biopsy Specimens
Geetika Goyal, Tatyana Zinger, Wenqing Cao, Dana Warfield
Poster, 3/3/2020, 9:30pm- 12pm

Mediator Complex (MED) 7 is Downregulated in High Grade Ductal Carcinoma in Situ (DCIS)
Brendan Belovarac, Theodore Vougiouklakis, Ugur Ozerdem
Poster, 3/3/2020, 1:00pm - 4:30pm

The Morphologic Variants of Ovarian Juvenile Granulosa Cell Tumors
Theodore Vougiouklakis, Sarah Chiang, Pratibha Shukla, Kristen Thomas, JE Berroeta, Lauren Ende Schwartz, Rebecca Linn, Esther Oliva, Anais Malpica, Matija Snuderl, George Jour, Deborah DeLair
Poster, 3/4/2020, 9:30am - 12:00pm

Heterozygous Alpha-1 Antitrypsin Deficiency Potentiates Liver Fibrosis with Other Chronic Liver Diseases
Margaret Black, Maureen Whitsett, Ira Jacobson, Yvelisse Suarez, Neil Theise
Poster, 3/4/2020, 9:30am - 12:00pm

Multiple foci of invasive breast carcinoma: Insights and expectations based on biomarker profiles
Michelle Khiue, Paolo Cotzia, Farbod Darvishian
**Faculty Update**

In this Newsletter, we are excited to share few of the many recent academic accomplishments of our Faculty.

We would also like to congratulate Dr. Eva Hernando, an Associate Professor in our Department, for her recent appointment as Assistant Dean for Research Integration at NYU Langone Health. "Eva was an integral part of our Department’s research expansion as the Vice Chair for Research and will now oversee research integration throughout the NYU Langone System. For me, there is nobody better for this position.” Dr. Aifantis said in this occasion.

Dr. Hernando joined NYU Department of Pathology in 2006 as Assistant Professor after her training in Molecular Pathology at Memorial Sloan-Kettering Cancer Center. She assumed many crucial roles with great accomplishments in education and research at NYU Grossman School of Medicine before being appointed Assistant Dean for Research Integration at NYU Langone Health. She was Co-Director of the Medical Scientist Training Program, ViceChair for Research in our Department, and Associate Director for Basic Science at NYU Perlmutter Cancer Center.

Hernando’s research studies the molecular mechanisms of melanoma progression. In particular her lab is interested in the contribution of transcriptional programs and non-coding RNA to melanoma metastasis. Her lab has recently uncovered a new role for a circular RNA in this process (Hanniford et al., Cancer Cell 2020) You can find more details on this exciting discovery in the Featured publications article in this Newsletter.

“I would like to congratulate Dr. Amy Rapkiewicz, an Associate Professor in our Department, for her new position as the Chair of the NYU Long Island School of Medicine Department of Pathology”- said Dr. Aifantis to celebrate Dr. Rapkiewicz new appointment.

Dr. Rapkiewicz completed her Residency in Anatomy Pathology at the National Cancer Institute in
She trained as an NYU fellow in Cytopathology 2007 and then as Medical Examiner, Forensic in Miami (2012). Once she joined the Faculty of our department, she spent a number of years working with departmental leadership and had an integral role in department’s Medical Education.

In her new position, she will work on building a Quality Improvement team spearheaded by Kyle Nevins, continue to use innovative approaches to teach anatomy and pathology, and prepare the department for the upcoming LCME Provisional accreditation scheduled in October. In parallel to these activities, Dr. Rapkiewicz is focused on the recruitment of Faculty for open positions in our GYN, GI and Blood Bank services.

Dr. Rapkiewicz declared she is particular excited about the plans for Winthrop Construction and expansion of Maternal fetal medicine services. We are very excited and look forward to Dr. Rapkiewicz’s accomplishments and the synergies that we will develop in the future.

In addition, we would like to congratulate Dr. Richard Possemato for his promotion to the Associate Professor level. Dr. Possemato is one of the new generation of leaders in the field of tumor metabolism and was recruited to NYU Pathology in 2014. “He is not only a gifted researcher but also an impressive educator and colleague” said Dr. Aifantis. Dr. Possemato was recently awarded R01 grants from the NIH for his studies focusing on cancer metabolism and cellular iron sensing. He received his Ph.D. from Harvard University in the lab of Dr. William C. Hahn where he used functional genomics and human cell transformation models to understand telomere length dynamics related to cell replicative senescence. Dr. Possemato did his postdoctoral training at the Whitehead Institute, MIT, in the lab of Dr. David Sabatini where he studied how cancer cells alter their metabolism to sustain transformation and developed methods to identify metabolic pathways which are selectively essential in conditions observed in the tumor microenvironment.

Finally, we would like to welcome Dr. William Coetzee, recently appointed as Professor in the Department of Pathology. He has joint appointments in the Department of Biochemistry and Molecular Pharmacology and the Department of Neuroscience and Physiology. With funding from the American Heart Association (including an Established Investigator Award), the National Institutes of Health, National Institute of Justice and several foundations, Dr. Coetzee’s research over the years has focused on ion channel biology in neurosciences and the cardiovascular system. Current research includes investigations of mechanisms that regulate KATP channel trafficking and function, genetic variation of ion channel genes in cases of sudden infant death syndrome (with the New York City Office of the Chief Medical Examiner), and several studies in collaboration with other NYU investigators to investigate the roles of ion channels in cancer and immune cells. Read more about the Coetzee Lab here: [http://k-channels.com/coetzee/](http://k-channels.com/coetzee/)

Dr. Coetzee and Dr. Feske have established an electrophysiology core facility (IonLab), which is part of the new Ion Channel & Immunity (ICI) Program in our department. Dr. Coetzee is the scientific director of IonLab, which is meant to facilitate research in the area of ion channel function in immune cells. Dr. Coetzee’s research laboratory and the IonLab core are located on the 4th floor of the Science Building.