



PATHOLOGY NEWS

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Dear Colleagues,

Having survived all of the snowstorms of the Winter season we are now moving forward toward brighter sunnier days of the Spring and coming Summer. Behind us are some wonderful achievements of the Department in attracting new trainees through the resident match, engaging with graduate and medical school education, continuing to be competitive in obtaining funds and producing knowledge from publications and teaching and last but not least (rather extremely important) an outstanding clinical service.

I am taking this opportunity again to thank you all for being strong participants in all of these efforts. We have a unique Department which is spread over multiple institutes and clinical sites. In all of these places our presence is very welcomed thanks to you and your continuing hard work and inspiration. In the coming months there are several meetings which represent research activities relevant to your interests. I already know that we are very well represented at the ASIP (American Society for Investigative Pathology) meeting (April 24-28 in Anaheim CA) and we have done very well through the work of our residents and faculty in the USCAP meeting (March 20-26 in Washington DC) that just met.

The Department is always open to your thoughts and suggestions, to help you with whatever problems you may have and to provide support and resources to further your career and training.

Wishing you a wonderful Spring .

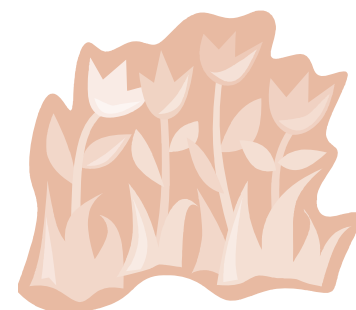
With best regards,

George K. Michalopoulos, M.D., Ph.D.



The secret of health for both mind and body is not to mourn for the past, worry about the future, or anticipate troubles, but to live in the present moment wisely and earnestly."

(Hindu Prince Gautama Siddhartha, the founder of Buddhism, 563-483 B.C.)



ADMINISTRATIVE OFFICE UPDATE

DAFFODILS WERE APLENTY IN THE PATHOLOGY DEPARTMENT ON DAFFODIL DAY!

This year's annual American Cancer Society Daffodil Day was in full bloom on March 16. The Pathology Department collected a total of \$783 in orders and surpassed last year's contribution to the fund raiser. Contributors purchased beautiful bunches of daffodils that were seen throughout the department, as well as mini-potted daffodils, and patients in hospitals, treatment centers, and other facilities in our local community were surprised when they received anonymous donations of The Gifts of Hope bunches. Birthdays R. Hope Boyd's Bears were anonymously delivered to young patients at Children's Hospital of Pittsburgh of UPMC.

Thank you to all who made this year's Daffodil Day a success!

Judy Nestico

Save the Date

The **Pathology Research Seminar and Retreat** will be held this year on **June 11, 2010 from 3-8:30 PM**. ECU credits will be offered for the oral presentation portion of the meeting. The poster session will be held at the University Club. Please watch for announcements about online registration.



It's no use
saying, "We are
doing our best."

You have got to
succeed in doing

what is
necessary.

Winston

Churchill

1874-1965

British
Statesman &
Prime
Minister



A Note from Payroll

I would like to remind everyone that the payroll deadlines for each month are very early in the month. The paperwork is due one week prior to deadline in the Dean's office for processing. If we miss this deadline we are charged a service fee to process for the check. If this happens, I will be asking you to supply an account number to cover this expense. Otherwise, this employee will not receive a paycheck until the following month.

SUPERVISORS OF WORK STUDY/STUDENT WORKERS: All timesheets for your students are due into my office on the 10th of each month. Students will project the hours they will work up to the 15th of each month. Adjustments will be made the following pay period. **IT IS YOUR RESPONSIBILITY TO SEE THAT THEIR HOURS ARE TURNED IN ON TIME!** If a student does not turn in their hours on time, they will not be paid until the following month! Payroll submission has been delayed several times while I attempt to "track down" their timesheets.

VISA UPDATE:

Nicole Paterline will handle all staff and faculty visa issues for the department. Her telephone number is 648-1230 and her e-mail is: paterlinena@upmc.edu. Please contact her directly if you have any questions or need to have your current visa extended. You must contact her 4 months prior to the expiration of your J-1 visa and 6 months prior to your H-1B expiration.

PRISM TRKS

As of January 4, 2010 the University has implemented an on-line time keeping system (PRISM TRKS) to be used by regular full-time and part-time staff. This new system helps ensure compliance with federal, state, and local wage and hours laws, as well as consistently apply the University's policies and procedures related to time and attendance. This system allows for more efficient processing of overtime and compensatory time while providing current time worked and time off data to staff and supervisors.

Employees are required to submit electronic timecards to their supervisors on a weekly basis. If you have any questions, please contact Nicole Paterline at 412-648-1230.

A few reasons to visit the Payroll Office

To get your pay stub – Even though you may have direct deposit, your stub provides proof of income and provides a list of your deductions. **These are available on the last working day each month in Room S-417 BSTWR between the hours of 1-4:00 p.m.**

Change in name or address – If you change your name due to marriage or divorce, you must change it with Social Security first. Bring your updated card to the Payroll Office. Forms are available if you should change your address.

Foreign Faculty/Staff/Students - You should come by my office if:

- You have received your Permanent Resident "green" card
- You have recently received your authorization to work cards
- Your current visa has been extended. Please bring copies of the approval notice or new DS-2019.

Resignation - Faculty should submit a *resignation* letter to Dr. Michalopoulos and Division Director. Staff should give a copy to your supervisor, which should include your final date of employment. **This should be done within 24 hours after you have informed your Supervisor in order to process your paperwork.** Be sure to include your forwarding address in order for your W-2 form to be forwarded to the correct address.

To Hire New Employees - Faculty wishing to hire staff positions should initiate this process through the Payroll Office. This includes foreign recruits also.

Medical Leaves - If you are going on leave or have just returned from a leave (personal or FMLA) you must let me know in order to get your paperwork in order.

I can be reached at 648-1038 if you have any questions/concerns. **Please call my office first to schedule an appointment before "stopping by". This will ensure that I'll be available to discuss your issues/concerns.**

**Carolyn Nolte
Payroll Coordinator**

MEDICAL STUDENT TRAINING & PHYSICIAN SCIENTIST PROGRAM UPDATE

For 2010 the Pittsburgh MSTP received 362 applications, a 15% increase over the previous year. We interviewed 68 of these stellar applicants and offered acceptances to 44. The male to female ratio of accepted applicants was 26:18. Their average MCAT was 11.86 with an average overall GPA of 3.8. This year, as always, we revised the second look process. While we are still holding our own placement weekend (April 29 through May1) and have coupled it to the SOM second look weekend, we have emphasized the individual graduate program recruitment events. Building on the concept that the very best graduate students are making a choice based upon their perception of optimal mentorship, we encouraged all of the accepted applicants to identify an initial mentor on their first visit and then further develop that relationship by a return visit. Half of our accepted applicants did exactly that and gave us a second chance to attract them to Pittsburgh.

The pudding is not ready until June 1st at which time we plan to matriculated a class of 10-12 excellent students. Nevertheless we already have landed 2 new students; Lauren Frazer and Nicki Zevola who entered after completing 2 years of medical school. How many of the matriculants will enter our Pathology graduate program is of course unclear at this time, but 5 of the accepted class indicated that was the direction they were headed. You will have the opportunity to meet the new class at our annual retreat that will be held Friday August 20th in the first floor of the BST South. For more information on the retreat agenda please see <https://www.mdphd.pitt.edu/retreat.asp>

Finally we have revamped the MSTP enrichment curriculum. We expanded the previous two-summer course to 3 summers, covering professional development from A to Z. The summer prior to medical school students will enroll in Professional Development 1 (course organizer Penny Morel) where they will learn about research opportunities in Pittsburgh while sharing their initial lab rotation experiences. New for this year we will be offering Professional Development 2 (course organizers Geoff Murdoch and myself) where second year students will sketch out the development of their experimental plans, learn presentation and critiquing skills while learning to frame their work in the perspective of a thesis and grant application. Finally during the summer after second year of medical school and before graduate school, the students will participate in Professional Development 3 (course organizers Carol Feghali-Bostwick and Charleen Chu) where the rubber meets the road and the students learn how to write for their own fellowship support while learning about professional networking.

Our goal is to provide a comprehensive training program at the end of which the student has transformed into a professional physician scientist, prepared and energized to carry on a combined degree career. Let me know if you are interested in participating in our MSTP enrichment program. It is a great way to meet these bright students.

Clayton A. Wiley, M.D./Ph.D.
ASSOCIATE DEAN, DIRECTOR OF MSTP



CELLULAR AND MOLECULAR PATHOLOGY PROGRAM UPDATE

CMP will be undergoing an **outside program review June 14 and 15** and we will be seeking your help to get ready. Please read and respond to e-mails about this process in a timely manner.

We warmly welcome new graduate faculty members Alex Chen and Yaki Barak to CMP. Alex is in the surgery department and works on endothelia in wound healing; Yaki is at the Magee Women's Research Institute and his specialty is nuclear receptors. Currently there are 67 faculty members affiliated with CMP (and another 2 pending applications) as well as 37 students.

Former CMP student Cyrus Raji was featured in the recent Shady Side Academy magazine. Cyrus is in the MSTP program and currently finishing his medical school education.

MSTP student Yvonne Chao (mentor: Alan Wells) was selected as a Susan G. Komen Scholar in Training for the upcoming AACR meeting

Recent CMP graduate Jianping Zhao (mentor: Cary Wu) was selected for an Experimental Pathology in Graduate Training award for the upcoming ASIP meeting.

CMP student Julie Chandler (mentor Eric Lagasse) won first place for her poster presentation at the March 2010 McGowan Retreat.

The Pathology Research Seminar and Retreat will be held this year on June 11, 2010 from 3-8:30 PM. ECU credits will be offered for the oral presentation portion of the meeting. The poster session will be held at the University Club. Please watch for announcements about online registration.

The CMP arm of the SURP program will run from May 24 until July 30 this year. There will be 9 students participating from across the country.

If you are interested in having issues brought before the CMP committee, please share them with our CMP administrator, Shari Tipton (tiptonsl@upmc.edu), or me (wmars@pitt.edu). Also, please continue to make me aware of any outstanding faculty members who are not currently members of CMP but who would be eligible and have a possible interest in joining our program.

Thanks so much!



Wendy M. Mars, Ph.D.
Director
CMP Graduate Program

RESIDENCY/FELLOWSHIP AND MEDICAL SCHOOL UPDATE

Batal I, Zainah H, Basu A, Tan H, Shapiro R, and Randhawa P. The Significance of Renal C4d Deposits in Patients with BK Viruria, Viremia, and Nephropathy. *Mod Pathol.* 2009 Nov;22(11):1468-76.

I Batal, A Zeevi, J G. Lunz, N Aggarwal, R Shapiro, P Randhawa, and A Girnita. . HLA-Specific Antibody Strength Determined by Complement-Dependent or Solid-Phase Assays Can Predict Positive Donor-Specific Crossmatches (*Archives of Pathology and Laboratory Medicine*, In Press).

Ibraham Batel, M.D.

2010 F. Stephen Vogel Award: Top paper by a resident/ fellow published in one of the USCAP journals (*Modern Pathology* or *Laboratory Investigation*) during the preceding calendar year (2009).



Marian Rollins-Raval (4th year path resident)
and Jay Raval, (3rd year path resident)

Welcomed their first child weighing

7lbs and 8 ozs.

Sydney Ravel, July 30, 2009

“Never believe that a few caring people can't change the world. For, indeed, that's all who ever have.”

Margaret Mead

1901-1978



MEDICAL STUDENTS

The Department is exploring opportunities to provide laboratory experiences for medical students as part of their medicine, surgery, and pediatric clerkships. It is anticipated that a pilot will be initiated for the medical clerkship at the VA under the leadership of Dr. Mona Melhem.

FELLOWSHIP PROGRAM

Sixty-three individuals signed up at the USCAP Fellowship Fair from over 32 schools. Information has been provided to the individual fellowship directors for follow-up. At an alumni luncheon, 82 faculty, trainees and alumni enjoyed a cozy luncheon at the USCAP meeting in Washington, DC on Sunday, March 21st.

RESIDENCY PROGRAM

We would like to take this opportunity to introduce our new Residents, new (and continuing) Fellows, and Post-Sophomore Fellow for 2010-2011.

Incoming Residents 2010-11

Christopher Griffith, MD, PhD

State University of New York Upstate Medical University

Stephen Hastings, MD

Indiana University School of Medicine

Arivarasan Karunamurthy, MD

Chennai Medical College

Rebecca Leeman-Neill, MD, PhD

University of Pittsburgh School of Medicine

Lisa Radkay, MD

Florida State University College of Medicine

Rashi Singhal, MD, MPH

University of Alabama School of Medicine

Isil Yildiz, MD

Gazi Universitesi



Fellows for 2010-11

Jay Raval, MD

Transfusion Medicine

Payam Arya, MD

Cytopathology

Amber Hughes, M.D.

Genitourinary Pathology

Jacinthe Chenevert, M.D.

Head and Neck Pathology

Sonal Kamat, MD

Cytopathology

Tee Lang, MD

Cytopathology

Raju Pillai, MD

Hematopathology

Marian Rollins-Raval, MD

Hematopathology

Joey Oakley, MD

Molecular Genetic Pathology

Bharathi Vennapusa, MD

Molecular Genetic Pathology

Amer Heider, MD

Pediatric Pathology

Bibianna Purgina, MD

Bone and Soft Tissue Pathology

Anca Florea, M.D.

Gynecologic and Breast Pathology

Molly Klein, M.D.

Gynecologic and Breast Pathology

James Kraus, M.D.

Gynecologic and Breast Pathology

Danniele Holanda, M.D.

Transplant Pathology

Gaurav Sharma, M.D.

Pathologist Informatics

Post-Sophomore Fellow for 2010-11

Aaron Gusdon

I am pleased to announce the 2010-2011 PMSIG Executive Board:

President: **Dane Olevian**

Vice-President: **Pamela Ferreira**

Secretary/Treasurer: **Heather Bujnicki**

Miscellaneous Updates

Our department, once again, had the largest number of abstracts accepted for the Stowell-Orbison Award at the recent USCAP meeting in Washington, DC.

The 360 degree evaluations of residents, fellows, and support staff will be implemented in April 2010.

Finally, the Program Office is preparing for the Residency Program's external ACGME site visit provisionally scheduled for the Fall of 2010.



Trevor Macpherson, M.D.
Director, Medical School Teaching

PATHOLOGIST INVESTIGATOR RESIDENCY/ RESEARCH TRAINING PROGRAM UPDATE

The Pathologist Investigator Residency Research Training (PIRRT) Program in the Department of Pathology at the University of Pittsburgh is designed to train academic pathologists to become independent investigators in disease-oriented research, and to play leading roles in combined research and diagnostic careers. This program, which was initiated in October 2004, has undergone significant restructuring in consultation with the Task Force to Explore Research Training and Experience for Pathology Residents and Fellows, resulting in more efficient integration of full time research training with ACGME training.

In concert with departmental commitment to individualized training, both PIRRT and non-PIRRT residents receive six months of elective time for AP/CP or 12 months of electives for single track, allowing optimal training towards individual goals and interests. This elective time is applied to research for the PIRRT resident, with longitudinal career advice from a committee composed of research and clinical subspecialty mentors. There is also opportunity for a second research year as a PIRRT post-doctoral fellow (leave of absence from residency) and/or additional research time to be integrated with fellowship training.

TRAINEE UPDATES

We welcome **Rebecca Leeman-Neill** as the newest trainee of the PIRRT community. Rebecca is a student in our MD-PhD Medical Scientist Training Program, and completed her PhD with Dr. Jennifer Grandis studying head and neck cancers. She looks forward to further expanding her perspectives on cancer, diagnostic, basic and translational, as part of the Pathology residency and PIRRT programs to begin in July 2010.

Julia Kofler, MD. Julia is in the final phase of her residency training, having completed PIRRT research training in Dr. Clayton Wiley's laboratory, and integrated with her diagnostic neuropathology training. She received a 5 year grant to study microglial activation in Alzheimer's disease as a project leader for the ADRC P50, and looks forward to starting as Research Assistant Professor in July.

Edward Plowey, MD, PhD. Ed elected to postpone his final year of diagnostic training in Neuropathology to pursue an additional year of research in Dr. Charleen Chu's lab. He solidified a collaboration with Dr. Jon Johnson to integrate electrophysiology into his molecular genetic studies of autophagy and Parkinson's disease. Ed submitted a K08 application that is on the borderline for funding pending council in May, and is preparing a revision to be submitted before returning for his final year of clinical training in July.



We thank Dr. Michalopoulos, Dr. Macpherson, Trish Zrimsek, and Valerie Quickley, for their strong support in the implementation of this **“PI training track”** within our Residency Program

Charleen T. Chu, M.D., Ph.D.
Tim D. Oury, M.D., Ph.D.
Co-Directors, PIRRT Program

HIGHLIGHTS

Charleen T. Chu, M.D., Ph.D.

- Emerging Female Scientist Award as we celebrate the 14th Annual Carnegie Science Awards, May 7, 2010.
- Received the Julie Martin Mid-Career Award in Aging Research (Ellison Medical Foundation/AFAR) to support the development of mouse models of adult onset autophagy deficiency 2009-2013.
- Winner of the Emerging Female Scientist Award, to be presented at the 14th Annual Carnegie Science Awards Dinner, May 7, 2010.
- Elected to the American Society for Clinical Investigation Honor Society, to be inducted April 2010
- Winner of the 2010 American Society for Investigative Pathology (ASIP) Outstanding Investigator Award, to be presented at FASEB in Anaheim, CA, April 26, 2010.
- Dr. Chu is the Academic Editor for the journal *PLoS ONE*, and is Guest Editor for a special issue of *Neurobiology of Disease* entitled: "Autophagy and protein degradation in neurological diseases."

Ronald Jaffe, M.D.

Farber-Landing Lecture - Society of Pediatric Pathology meeting, Washington DC

"Hitch a Ride on the Histiocyte," March 21, 2010.

Julia Kohler, M.D., Research Assistant Professor in Neuropathology and Project leader

Alzheimer Disease Research Center, Funding for Project 3: "Alterations of microglial phenotype in aging and Alzheimer's disease. Funding dates: 4/1/2010-3/31/2015.

Parmjeet Randhawa, M.D.

Member, Cardiovascular and Renal Drugs Advisory Committee, Food and Drug Administration, 2010

Member, Transplantation Committee, Renal Pathology Society, 2010

GRADUATE STUDENT HIGHLIGHTS

Liang-I Kang (MSTP student)

selected for a second year of funding through the pre-doctoral fellowship in Clinical and Translational Research from the CTSI for my project entitled "Targeting the regulation and function of the plasminogen activator system in hepatic fibrosis."

Jiangxia Liu (Ph.D. student)

- Published paper as co-first author "Blueprint for antimicrobial hit discovery targeting metabolic network" on the PNAS 2010 Vol 107: 1082-1087.
- Invited to give a talk entitled "Blueprint for antimicrobial hit discovery targeting metabolic network" on the 11th Network on the Antimicrobial Resistance in Staphylococcus Aureus (NARSA) on March 9th, 2010.

Michelle Manni (Ph.D. student) was the recipient of a Travel Award from the Society for Free Radical Biology and Medicine to attend the International Meeting in San Francisco, CA in November 2009, an award given to only 10 graduate students and/or postdoctoral members within the United States. At this meeting, Michelle was also selected to give an oral presentation of her work.

PRESENTATIONS

Csaba Galambos, M.D. Presentations at Annual Meeting of Society for Pediatric Pathology, Washington DC , 2010

- Castro, EC; Parks, WT, Best-Rocha, A Galambos, C: Does Developmental Relationship between Arterial and Neuronal Growth in the Lung Exist?
- Castro, EC; Parks, WT, Galambos, C: Expression of Lymphatic Markers Prox-1 and D2-40 in a Placental Development Series
- Castro, EC; Sen, P; Parks, WT, Potoka, DA, Langston, C; Galambos, C. Serotonin Transporter (SERT) of Lung Endothelium Promotes Perinatal Pulmonary Vascular Adaptation and Its Defective Expression Characterizes Alveolar Capillary Dysplasia/Misalignment of Pulmonary Veins (ACD/MPV)
- Castro, EC; Parks, WT, Galambos, C: Prox-1 is Expressed in Respiratory Epithelium During Development and Identifies Cells with Neuroendocrine Fate
- Best-Rocha, A Galambos, C Pulmonary Vascular Growth (VG) in Lungs with Developmentally Compromised Pulmonary Blood Flow (BF)

Invited case reviewer, "Review of Denmark interstitial lung disease (ILD) cases" – Children Interstitial Lung Disease (ChILD) Research Cooperative, The Children's Hospital – Denver, CO, February 3-5

John Ozolek, M.D.

- Geometric approaches for cancer detection and classification in pediatric and adult lesions based on nuclear structure (presentation for Society for Pediatric Pathology Meeting 3/20/2010)
- Detection And Classification Of Thyroid Follicular Lesions Based On Nuclear Structure From Histopathology Images (Presentation for USCAP meeting 3/22/2010)

Parmjeet Randhawa, M.D.

- Update on Renal Transplant Pathology. Society for Pediatric Pathology, Annual Meeting, Washington DC, March 21, 2010.
- Annual update on the in-vitro testing program for BK virus. Department of Microbiology and Infectious Disease, NIAID, NIH, Bethesda, Maryland, March 30, 2010.

Sarangarajan Ranganathan, M.D. Presented at Society for Pediatric Pathology. Annual Meeting 2010 March, Washington DC)

- Capocelli KE, Soltys K, Sindhi R, Mazariegos G, Michaels M, Green M, Jaffe R, Ranganathan S. Incidental PTLDs in surgically resected allograft bowel specimens. *Mod Pathol* 2010;23:330. (Poster)
- Ranganathan S, Monga SP. Diagnostic utility of glypican-3 immunohistochemistry in identifying hepatoblastoma subtypes. *Mod Pathol*. 2010;23:333. (Poster).
- National Appointments: Appointed to the Liver Subcommittee of the Children's Oncology Group for study of pediatric liver tumors.

Steven Swerdlow, M.D.

- lectured on "Nodal and Extranodal Marginal Zone Lymphomas" and "Cutaneous Lymphomas" and presented three hematopathology slide tutorials at the Hematopathology Course, Hospital de Mar, Barcelona, Spain, February 10-12, 2010.

PRESENTATIONS

Sasaki K, Craig FE, Nichols L (2009, October). Abdominal lymphomatosis. Poster presented at: Collage of American Pathologist meeting; Washington DC.

Sasaki K, Bastacky SI, Zynger DL et. Al. (2009, October). Utility of immunohistochemical markers to confirm the presence of vas deferens in vasectomy specimens. Poster presented at: Collage of American Pathologist meeting; Washington DC.

Sasaki K, Randhawa P, Demetris AJ et. Al. (2010 March). Diagnostic Discrepancies between Frozen and Permanent Section Diagnoses in Pretransplant Donor Kidney Biopsies: Quality Assurance Study of 1887 Cases. Abstract accepted for United States and Canadian Academy of Pathology; Washington DC.

DEPARTING FACULTY

Several members of the Pathology faculty are leaving or have left to accept new challenges.
We wish them good luck with future endeavors.

Dr. Wentao Gao

Dr. Chang Han

Dr. Deborah Marks-Jones

Dr. Tong Wu (Accepted a position as Chairman of Pathology at Tulane)

Dr. Alan Girnita

Dr. Laure Croisille

Dr. Wenxing Ding

Please submit newsworthy items any time to:

Szalkuskict@upmc.edu.

Thanks !

NEW FACULTY

Pamela Pineda Goodell, M.D., Clinical Instructor, will join the department October 1, 2010. She will complete a residency at Beth Israel Deaconess Medical Center in July. She will join the Center of Excellence and focus on gastrointestinal.

Tomislav Jelic, M.D., Ph.D., Clinical Instructor, will join the department on July 1, 2010. He is presently a staff pathologist/Hematopathologist at Charleston Area Medical Center, Charleston WV. He will focus on clinical molecular pathology services.

Joshua M. Lloyd, M.D., Clinical Instructor, will join the department on July 1, 2010. He did his residency at Thomas Jefferson University Hospital (2005-2009) and a fellowship at UPMC (2009-2010). His expertise is in the area of gastrointestinal pathology.

Matthew A. Martin, M.D., Clinical Instructor, will join the department on July 1, 2010. He is presently finishing a cytopathology fellowship at the University of Texas Health Science Center in San Antonio TX. He will participate in the services at Presbyterian Hospital (thoracic pathology, gastrointestinal, ENT and transplant) and Shadyside Hospital (genitourinary, bone/soft tissue, melanoma and dermatology as well as at Magee Hospital (breast and gynecological pathology).

Marta I. Minervini, M.D., Assistant Professor of Pathology, will join the department on July 1, 2010. She is joining us from the Mediterranean Institute for Transplantation and Advanced Specialized Therapies in Palermo Italy. She will become a member of the Pathology Transplant Division.

Liron Pantanowitz, M.D. Associate Professor of Pathology, will join the department May 1, 2010. He will also have a secondary appointment in the Department of Biomedical Informatics. Dr. Pantanowitz will join us from Baystate Medical Center, Springfield, MA. His primary responsibility will be the cytology service at Shadyside.

Frank Schneider, M.D., Assistant Professor of Pathology, will join the Anatomic Pathology Division September 1, 2010. He is presently finishing a fellowship at Mayo in Pulmonary Pathology. Prior to that he did a fellowship at Duke in Cytopathology. His primary responsibility will be in cytopathology and thoracic pathology.

Kenichi (Ken) Tamama, M.D., Ph.D., Assistant Professor, will join the Section of Lab Medicine July 1, 2010. His area of expertise is in Clinical Chemistry. He was previously an Assistant Professor at Ohio State University.



**PATHOLOGY
RESEARCH SEMINAR
SERIES**

"Central Proteoglycan Roles in Cancer Angiogenesis"

Renato V. Iozzo, M.D., Ph.D.

Professor of Pathology, Anatomy and Cell Biology

Department of Pathology, Anatomy and Cell Biology

Thomas Jefferson University
Philadelphia, PA

Wednesday, April 14, 2010

noon

1105 AB Conference Center

Scaife Hall

"Plasticity and Specificity of Intracellular Signaling Circuitry"

Anning Lin, Ph.D.

Professor

Institute for Regeneration Medicine and

Department of Surgery

University of California

San Francisco, CA

Wednesday, April 21, 2010

noon

1104 Conference Center

Scaife Hall

"Rapping Up Cell Adhesion"

Mark Ginsburg, M.D.

Professor of Medicine

Department of Medicine

University of California

Wednesday, May 5, 2010

noon

1104 Scaife Hall

PUBLICATIONS

W. Wang, J.A. Ozolek, G.K. Rohde. Detection and classification of thyroid follicular lesions based on nuclear structure from histopathology lesions. *Cytometry A*. 2010 Jan 22

Whiteside TL. Immune Responses to Malignancies. *J. Allergy Clin Immunol.*, 125: S272-83, 2010.

Mandapathil M, Hilldorfer B, Szczepanski MJ, Czystowska M, Szajnik M, Ren J, Lang S, Jackson EK, Gorelik E, Whiteside TL. Generation and accumulation of immunosuppressive adenosine by human CD4+CD25highFOXP3+ regulatory T cells (Treg). *J. Biological Chemistry*, 285: 7176-7186, 2010.

Czystowska M, Strauss L, Bergmann C, Szajnik M, Rabinowich H, Whiteside TL. Reciprocal granzyme/perforin-mediated death of human regulatory and responder T cells is regulated by interleukin-2 (IL-2). *J. Mol. Med.*, Epub ahead of print, Mar 12, 2010.

Macatangay BJC, Szajnik ME, Whiteside TL, Riddler SA, Rinaldo CR. Regulatory T cell suppression of GAG-specific CD8+ T-cell polyfunctional response after therapeutic vaccination of HIV-1-infected patients on ART. *PLoS ONE*, In Press, 2010.

Whiteside TL. Inhibiting the inhibitors: evaluating agents targeting cancer immunosuppression. *Exp. Opin Biol. Ther.*, In Press, 2010.

Fukuda, K., Gupta, S. Chen, K., Wu, C. and Qin, J. The pseudo-active site of ILK is essential for its binding to a-parvin and localization to focal adhesions. *Mol. Cell* (2009) 36(5):819-830.

Hirsch HH, Randhawa P. BK virus in solid organ transplant recipients (American Society of Transplantation Infectious Disease: Practice Guidelines for Polyomavirus BK). *Am J Transplantation*; 9 (Suppl 4): S132-S142, 2009.

Dr Triulzi coauthored a paper in the new England Journal of medicine showing that low dose platelet transfusions work as well as standard or high dose platelets for bleeding prophylaxis in cancer patients. Slichter SJ, Kaufman RM, Assman SF, McCullough J, Triulzi DJ, et al. Dose of prophylactic platelet transfusions and prevention of hemorrhage. New Eng J Med 2010;362:600-13.

**PATHOLOGY
RESEARCH SEMINAR
SERIES**

**ANNUAL MAUD MENTEN
LECTURE**

“Biology of Prion Diseases”

Adriano Aguzzi Ph.D.

Professor of Neuropathology
Chairman, Department of
Pathology

Institute of Neuropathology

Wednesday, May 12, 2010

12:00 noon

Lecture Room 1 Scaife Hall

“The Alpha₂Beta₁ Integrin:Odyssey
with a Collagen Receptor”

Samuel A. Santoro, M.D., Ph.D.

Dorothy B. and Theodore R.
Austin Professor and Chair of
Pathology

Vanderbilt University

Wednesday, May 19, 2010

12:00 noon

1105A/B Scaife Hall

**ANNUAL FETTERMAN
LECTURE**

“The Desire to Purge. A
Historical View”

F. Gonzalez-Crussi, M.D., FRP (C)

Emeritus Professor of Pathology
Department of Pathology
Northwestern University

Thursday, May 20, 2010

9:00 a.m.

Children’s Hospital

Room: main conference

Rangos Research Building

3rd floor

CR Chu, CH Coyle, CT Chu, M Szczodry & V Seshadri (2009) In Vivo Effects of Single Intra-articular Injection of 0.5% Bupivacaine on Articular Cartilage, *J. Bone Joint Surg Am.* in press.

DM Bear, A Williams, CT Chu, CH Coyle, CR Chu. (2010) Optical coherence tomography grading correlates with MRI T2 mapping and extracellular matrix content, *J Orthop Res* 28: 546-552. PMID: 19834953 [PubMed - in process]

RK Dagda, J Zhu & CT Chu. (2009) Mitochondrial kinases in Parkinson's disease: Converging insights from neurotoxin and genetic models. *Mitochondrion*, 9: 289-298 (peer reviewed).

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CT Chu. (2010) Tickled PINK1: Mitochondrial homeostasis and autophagy in recessive parkinsonism. *BBA-Molecular Basis of Disease* 1802: 20-28 (peer reviewed).

RK Dagda & CT Chu (2009) Mitochondrial quality control: Insights on how Parkinson’s disease related genes PINK1, Parkin, and Omi/HtrA2 interact to maintain mitochondrial homeostasis. *J Bioenerg Biomembr*, 41: 473-479.

SJ Cherra III, RK Dagda & CT Chu (2010) Autophagy and Neurodegeneration: Survival at a cost? *Neuropathology and Applied Neurobiology* 36: 125-132. NIHMS 184089.

Patel A, Brown A, Hirsch R, Galambos C: Pediatric Pigmented Villonodular Synovitis Mimicking a Septic Hip: A Case Report and Literature Review *J Clin Rheumatol* 2010;16: 71–73

Galambos C., Levy H., Cannon C, Vargas S, Reid L, Cleveland R, Lindenman R. deMello D.E., Wert S, Whittser J, Perez-Atayde A, Kozakewich H.: Pulmonary pathology in Thyroid Transcription Factor-1 (TTF-1) deficiency syndrome *Am J Respir Crit Care Med.* 2010 Mar 4.

Michalopoulos GK. Liver regeneration after partial hepatectomy: critical analysis of mechanistic dilemmas. *Am J Pathol.* 2010 Jan;176(1):2-13. Epub 2009 Dec

**PATHOLOGY
RESEARCH SEMINAR
SERIES**

"Iron Homeostasis and It's Disorders—Hepatocytes as Endocrine Regulators"

Tomas Ganz, Ph.D., M.D.

Professor of Medicine and Pathology
David Getten School of Medicine

University of California

Wednesday, May 26, 2010

12:00 noon

1105 Scaife Hall

"Therapeutic Targeting of Microenvironmental Interactin sin Leukemia:

Mechanisms and Approaches"

Marina Konopleva, M.D., Ph.D.

Associate Professor of Medicine
Department of Blood and Marrow
Transplantation

University of Texas

Wednesday, June 2, 2010

12:00 noon

1104 Scaife Hall

"Medicolegal Issues for Pathologists:
General Concepts and Specific Cases
Relating to Genitourinary Pathology"

Jonathan Epstein, M.D.

Professor of Pathology
Department of Pathology

The Johns Hopkins Medical Institution

Wednesday, June 9, 2010

12 noon

1105AB Scaife Hall



Moschos SJ, Jukic DJ, Athanassiou C, Bhargava R, Galambos C, Kuan S, Dacic S, Fayewicz SL, Acquafondata M, Dhir R: Expression Analysis of Ubc9, the Single SUMO E2 Conjugating Enzyme, in Normal and Malignant Tissues. (*Manuscript accepted to Human Pathology*).

Strawbridge H, Spahr J, Galambos C, Kurland G: Bronchiolitis Obliterans following Lung Transplantation and Stem Cell Transplantation in Pediatric Patients: Current Understanding and Future Directions (*Manuscript accepted to Current Pediatric Reviews*).

Furr A, Ranganathan S, Finn OJ. Aberrant Expression of MUC1 in pediatric inflammatory bowel disease. *Pediatr Dev Pathol.* 2010 Jan 13(1):24-31.

Nauen DW, Martin A, Katz A, Cohen D, Ranganathan S. A case of luteinizing thecoma with sclerosing peritonitis. Revisiting a link with anti-epileptic drugs. *Pediatr Blood Cancer.* 2010 Mar;54(3):470-2.

Szigeti R, Chumpitazi BP, Finegold MJ, Ranganathan S, Craigen WJ, Carter BA, Tatevian N. Absent smooth muscle actin immunoreactivity of the small bowel muscularis propria circular layer in association with chromosome 15q11 deletion in Megacystic-Microcolon-Intestinal Hyperperistalsis Syndrom. *Pediatr Dev Pathol.* 2009 Dec 22. [Epub ahead of print]

Sivagnanam M, Schaible T, Szigeti R, Byrd RH, Finegold MJ, Ranganathan S, Gopalakrishna GS, Tatevian N, Kellermayer R. Further evidence for EpCAM as the gene for congenital tufting enteropathy. *Med Genet A.* 2010 Jan;152A(1):222-4.

Nayyar N, Mazariegos G, Ranganathan S, Soltys K, Bond G, Jaffe R, Sun Q, Nucci A, Kosmach B, Squires R, Abu-Elmagd K, Sindhi R. Pediatric small bowel transplantation. *Semin Pediatr Surg.* 2010 Feb;19(1):68-77.

Beatty PL, Narayanan S, Gariépy J, Ranganathan S, Finn OJ. Vaccine against MUC1 Antigen Expressed in Inflammatory Bowel Disease and Cncer Lessens Colonic Inflammation and Prevents Progression to Colitis-Associated Colon Cancer. *Cancer Prev Res (Phila Pa).* 2010 Mar 23. [Epub ahead of print]

Donthamsetty S, Bowen W, Mars W, Bhave V, Luo JH, Wu C, Hurd J, Orr A, Bell A, Michalopoulos G. Liver-specific ablation of integrin-linked kinase in mice results in enhanced and prolonged cell proliferation and hepatomegaly after Phenobarbital administration. *Toxicol Sci.* 2010 Feb;113(2):358-66. Epub 2009 Nov 17. PMID:

**PATHOLOGY
RESEARCH SEMINAR
SERIES**

**"Beta-catenin in liver: A Matter of Life
and Death"**

Kari Nejak-Bowen
Graduate Student
and

Michelle Manni
Graduate Student

**"To eat or not to eat? The Role of EC-SOD
in Bacterial Phagocytosis"**

Wednesday, June 16, 2010

12:00 noon

1104 Scaife Hall

**"Signaling Through Integrin-Containing
Cell-Matrix Adhesion
Complexes"**

Cary Wu, Ph.D.

Lombardi and Shinozuka Chair
Professor

Department of Pathology
University of Pittsburgh

Wednesday, June 22, 2010

12:00 noon

1104 Scaife Hall

"Title: TBA"

Sanja Dacic M.D.

Associate Professor of Pathology
Department of Pathology
University of Pittsburgh

Wednesday, June 30, 2010

12 noon

1104 Scaife Hall

Sasaki K, Pardee AD, Qu Y, Zhao X, Ueda R, Kohanbash G, Bailey, LM, Okada H, Muthuswamy R, Kalinski P, Basse PH, Falo LD, Storkus WJ. IL-4 suppresses Very Late Antigen-4 expression which is required for therapeutic Th1 T cell trafficking into tumors. *Journal of Immunotherapy*. 2009, 32(8):793-802.

Ueda R, Fujita M, Zhu X, Sasaki K, Kasthuber ER, Kohanbash G, McDonald HA, Harper J, Lonning S, Okada H. Systemic inhibition of transforming growth factor-beta in glioma-bearing mice improves the therapeutic efficacy of glioma-associated antigen peptide vaccine. *Clinical Cancer Research*. 2009, 15(21):6551-6559.

Sasaki K, Bastacky SI, Zynger DL, Parwani AV. Use of immunohistochemical markers to confirm the presence of vas deferens in vasectomy specimen. *American Journal of Clinical Pathology*. 2009, 132(6):893-898.

Sasaki K, Gary Kohanbash, Aki Hoji, Ryo Ueda, Heather A McDonald, Todd A Reinhart, Jeremy Martinson, Michael T Lotze, Francesco M Marincola, Ena Wang, Mitsugu Fujita and Hideho Okada. MiR-17-92 Expression in Differentiated T cells - Implications for Cancer Immunotherapy. *Journal of Translational Medicine*. 2010, Feb 18; 8:17.

"It doesn't take a hero to order men into battle. It takes a hero to be one of those men who goes into battle." Norman Schwarzkopf (US Army Officer who Commanded Operation Desert Storm)



*Memorial Day, Monday, May 31, 2010
University and UPMC offices closed.*

Dear Pathology Faculty:

In an effort to clarify the due dates and online locations of the various training and conflict of interest reporting requirements this year, we are providing the grid below for reference. The original emails with directions are also attached. If you have any questions or need assistance, for Safety Training, HIPAA or Compliance please contact Shari or Judy in our administrative office at 648-9550. If you need assistance for the COI, please contact Chris at 648-1040. Thank you.

TRAINING PROGRAM:	Safety Training	HIPAA	Compliance Education (Pathology & Coding Modules)
ONLINE LOCATION:	MyHub/Ulearn	MyHub/Ulearn	Medtrak
URL:	https://myhub.upmc.com/	https://myhub.upmc.com/	https://medtrak.upmc.com/LandingPage.aspx
DEADLINE:	March 31, 2010	April 30, 2010	May 31, 2010
UPP Faculty	X	X	X
PITT Faculty			

TRAINING PROGRAM:	UPP COI	PITT COI
ONLINE LOCATION:	MyHub/Ulearn	Pitt Superform
URL:	https://myhub.upmc.com/	https://coi.hs.pitt.edu
DEADLINE:	May 31, 2010	April 15, 2010
UPP Faculty	X	X
PITT Faculty		X

*Note: Dual-employed (UPP & Pitt) faculty need to complete both UPP & Pitt COI forms. UPP-Only faculty only need to complete the UPP Conflict of Interest form.

