



Department of Pathology Meets Camden Yards

The Department of Pathology will hold its annual picnic at Camden Yards this year. The event will take place on two days—Sunday, August 30, and Friday, September 11. (On August 30, the Orioles play the Kansas City Royals and on September 11, they play the Anaheim Angels.) Employees and faculty will choose which date they would prefer.

The event includes a ticket for the Orioles game and a bullpen party. The bullpen party takes place 1-1/2 hours before the game. More information will be forthcoming and further details may be obtained from supervisors, managers and Pathology Administration. Join us at the Yard!S



Camden Yards

Division in Highlight: Immunology

Like most divisions in the department, the Division of Immunology combines a vigorous research program with optimal clinical service. Clinically, the Diagnostic Immunology Laboratories, under interim Director Dr. Steve Dumler, include speciality labs and services, involving several faculty. Drs. Richard Humphrey and William Baldwin provide professional consultation and interpretation for standard immunologic assays with special emphasis on immunoglobulin disorders. The Immune Disorders Laboratory (Drs. Noel Rose and C. Lynn Burek, Directors) specializes in tests of autoantibodies. The Immunopathology Laboratory, directed by Dr. Burek, provides immunohistochemistry and in situ labeling services for clinical and research programs. Dr. Bob Hamilton from the Department of Medicine has recently joined the division with a secondary appointment and will be



Drs. C. Lynn Burek and Ali M. Saboori in the Immunopathology Lab
(Photo: J. Durham)

engaged in expanding the tests offered by the DI labs.

The divisional immunology research laboratories are all located on Ross 6. They include the labs of Drs. Sanfilippo, Baldwin, and Wasowska on transplantation immunology, the labs of Drs. Rose, Burek, and Caturegli on autoimmune disease, the Schneck laboratory on T cell receptor, the Sadegh-Nasseri laboratory in antigen presentation and T cell activation, and the Wu laboratory in tumor immunology.

The research in the laboratories of Drs. Sanfilippo, Baldwin, and Wasowska is focused on mechanisms of acute rejection and accelerated graft arteriosclerosis, especially of heart and kidney transplants involving antibody and complement mediated injury. Allografts (transplants between two members of the same species) are the current therapy for end-stage heart, kidney, and liver failure. Xenografts (transplants between two different species, e.g., pigs to humans) are the goal of the future. The mechanisms being identified are providing insights to potential treatments by inhibiting specific components of the complement system.

Drs. Rose, Burek, Caturegli and their colleagues are studying fundamental questions related to autoimmune disease. Two animal models are being investigated in depth: Thyroiditis and myocarditis, and results correlated with their human counterparts. Both diseases can be related to a genetic predisposition combined with an environmental trigger. In the case of thyroiditis, dietary iodine is one key environmental factor, and studies are ongoing of a newly developed mouse model where spontaneous development of autoimmune thyroiditis is enhanced by addition of iodine to the drinking water. In genetically susceptible mice, an autoimmune form of myocarditis

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Director's Corner

Fred Sanfilippo, M.D., Ph.D.

Our Fourth Mission

At Hopkins we're all familiar with the three missions of research, education, and clinical service that characterize our department and the institution. However, over the past several months I've developed a new perspective and appreciation for what I believe is our fourth and perhaps most distinguishing mission: leadership.

Several factors led me to reflect on the characteristics and role of leadership in academic medical centers, but the precipitating events were the decisions by Sam Sisodia and Stan Hamilton to assume new positions as department chairmen at University of Chicago and MD Anderson. My initial reactions to Sam's and Stan's decisions were mostly of concern: concern for them - would they be content in sacrificing some of their research productivity for leadership responsibilities; concern for myself - were my own leadership skills inadequate in retaining outstanding faculty; and concern for the department and institution - would we be able to sustain their loss. With these concerns I was not well prepared for the uniform response that came from experienced leaders at Hopkins and other institutions with whom I discussed these events, which was that we should be congratulated! I had a hard time reconciling my concerns with these disparate reactions until I was able to step back and view these "losses" in a broader context - as successes in our mission of leadership.

What is leadership in an academic institution? For me, academic leadership is best defined formally as directing the use of resources (people, space, and money) to optimize long term achievement and job satisfaction of those you are leading. In a less formal sense, it is the building of a productive academic environment and programs that last beyond the tenure of the leader. By these definitions, leaders are not necessarily administrators, and vice-versa. For example, in pathology we have structured the department so that directors of programs and divisions provide leadership with the assistance of administrators who provide management support. We are indeed fortunate to have so many excellent directors and administrators in the department, as best reflected by the high productivity and morale of our faculty.

If leadership is so important, is it appropriately valued by the department and institution? The recent report of the Professorial Promotion Committee on the Criteria and Process of Professorial Promotion clearly identified achievement in academic program building and leadership as one of the four general pathways for promotion, complementing those associated with the other three institutional missions of basic research, clinical scholarship, and education. Likewise, the pathology faculty incentive plan we developed five years ago to reward annual performance above expectation, identifies a fourth criterion of equal importance to the other three (research, clinical service, and education), as "departmental and institutional service", which

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Division in Highlight: Immunology

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results from infection by a cardiotropic strain of coxsackievirus B3. These models may help to develop new ways of treating or even preventing human autoimmune disease.

T cells are central in immune responses to a variety of pathogens including bacterial, viral and protozoan infections. Hyperactivation of T cells targeted at self antigens is the underlying basis for the majority of autoimmune diseases, including multiple sclerosis, arthritis, and diabetes.

Conversely, inactivity of tumor antigen-specific T cells allows tumors to grow unchecked. Secondary to the wide variety of different pathophysiologic states in which T cell have been implicated, it is of great interest to be able to track and modulate antigen-specific T cells.

Using immunoglobulin as a molecular scaffold, Dr. Schneck and his team have constructed soluble divalent analogs of MHC and TCR molecular ligands (called MHC and TCR superdimers) that have high affinity for their cognate ligands. Currently they are studying the use of MHC and TCR superdimers to track and modulate immune responses *in vitro* and *in vivo*. This work will provide novel insights into immune-based therapeutic approaches for the treatment of autoimmune diseases, graft rejection, and tumors.

Dr. Scheherazade Sadegh-Nasseri is interested in understanding events that occur at the interface between T cells and antigen presenting cells. Specifically, mechanisms of binding of MHC to peptide ligands, formation of ternary complexes between T cell receptor and peptide/MHC and contributions from other accessory molecules are of primary interests. In addition, parallel experimental setups using T cell clones or transgenic animal models examine the biological aspects of our findings using purified proteins. In addition to conventional biophysical and biochemical methods, she utilizes a sensitive optical biosensor (BIACORE) suitable for investigating molecular interactions that may be of very low affinity in real time and in the absence of a label.

The application of molecular techniques to study pathologic lesions is at the forefront of exciting new clinical research and is valuable to those interested in the role of viral infection in human cancer. Dr. T.-C. Wu is using molecular methods to study cervical cancer associated with human papilloma virus (HPV). More than ninety percent of cervical cancer specimens contain HPV genomes, particularly types 16 and 18, and the viral transforming proteins, E6 and E7, are consistently expressed in cervical cancer cell lines and in HPV-associated cancers. By virtue of their obligate expression of the E6 and E7 gene products, HPV-associated anogenital cancers express true tumor specific antigens and therefore represent an ideal system to develop antigen specific cancer immunotherapy. Currently, he and his group are utilizing the E6 and E7 to design vaccines and immunotherapeutic strategies for HPV-related cervical cancers. The development of vaccines for HPV-related cervical cancer also requires HPV typing for cancer specimens, which relies on the molecular diagnostic technology.

Director's Corner

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includes program development and perhaps should be more simply recognized as leadership.

Is leadership indeed our fourth mission? At the Dean's retreat and our subsequent departmental retreat last fall, discussions of core mission and values clearly identified and emphasized Hopkins' role in providing leadership in academic medicine as part of our core mission. Ever since its founding, Hopkins has led the way in defining and promulgating academic-based training in medicine. Over the past century, numerous other academic medical centers, have been developed under the leadership of Hopkins faculty, including the University of Rochester where the founding dean was one of our former pathology faculty, George Whipple. Likewise, innumerable directors of departments, divisions, and programs throughout the world have come from Hopkins faculty, including the founding chairman of Pathology at Duke University, who was another of our former pathology faculty, Wiley Forbus. Receiving the Forbus Award from the North Carolina Society of Pathology as a resident at Duke almost 20 years ago, and giving the Whipple Lecture at Rochester last year, have provided new meanings for me as I've thought more about leadership.

Thus, I've finally come to appreciate that the departure of Sam and Stan is in the best tradition of Hopkins and another example of high achievement in our departmental and institutional missions of leadership. For some this was already obvious, and for others it may seem just a rationalization for losing great faculty, but for me it has been an educational experience. We wish Sam and Stan the best in building new programs of academic achievement by carrying on this fourth mission of Hopkins. In this regard they will always be members of Hopkins Pathology. §

Faculty Retreat Planned For Fall

The Annual Department of Pathology Faculty Retreat will be held on Friday and Saturday, November 13 and 14, 1998, in the Mountcastle Auditorium, Preclinical Teaching Building. The theme for the retreat will be "Where do we go from here in our research programs?" Among the options to be discussed:

- 1 - grow existing programs
- 2 - bridge across current programs in department
- 3 - bridge across current programs in other departments
- 4 - new programs

An agenda committee has been appointed to develop the specific format and work group topics. The agenda committee includes Drs. Baldwin (Chair), Borchelt, S. Eshleman, Hruban, Kuhajda, Saltz, and Sherman.

The meeting agenda is as follows:

Friday, November 13

3:00 p.m. - 5:00 p.m.

Faculty Meeting/Overview, Mountcastle Auditorium

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Service Excellence in Pathology

Mike Huppenthal

Johns Hopkins Medicine and the Department of Pathology has identified Service Excellence as a leading, immediate organization-wide priority. The primary objective of this initiative is to achieve excellence in customer service equal to our excellence in education, research, and clinical care.

Johns Hopkins Hospital Service Excellence Goals:

- * Increase attention to community interests by intensifying efforts to listen to our "customers" service expectations.
- * Reaffirm our mission and core values, dedicating ourselves to a customer-centered, service-oriented environment.
- * Enhance organizational infrastructure improving interdepartmental collaboration, coordination, effectiveness, efficiency, and information management.
- * Increase market share by meeting and exceeding the expectations of our patients, referring physicians, and payers.

In an effort to begin the Hospital-wide Service Excellence campaign, administrators, managers, supervisors, and various leaders from the Department of Pathology attended the first of three training sessions in March 1998.

- I. Managing in a Service Excellence Environment
- II. Sustaining a Service Excellence Environment
- III. Motivating and Empowering Employees to Deliver Service Excellence

At the conclusion of the three training sessions, each division within the Department of Pathology will follow a Service Excellence Plan that defines both individual goals for each Division and the Department while focusing on the scope of the Institution's objectives.

In an effort to expedite Service Excellence Training at the grass roots level, employees of the Pathology Customer Service Department and Pathology Administration attended a collaborative training session. The two-day workshop focused on Customer Relations, Communications, Service Excellence Training, and Myers-Briggs assessments. At the end of the training session each employee had a better understanding of human behaviors, appreciating differences, communicating better, and identifying areas for self-development.

Each attendee was better able to understand common problems within the Department and became part of the solution to the issues. As management within each division complete their training sessions, similar service excellence training will be initiated to all employees in the Department of Pathology.

Housestaff and Fellows Honored at Awards Dinner

The annual awards dinner, held this year on May 15th at the Maryland Club, celebrated the completion of residency and fellowship training for over 30 individuals in pathology programs. Following a reception and dinner, 6 residents, 12 clinical fellows, and 20 research fellows were recognized and presented with gifts from the Department. Chief Residents Kim Ruska and David Steinberg received framed certificates in recognition of their leadership from Dr. Sanfilippo. Each year, the residents nominate two faculty members in honor of their outstanding teaching and mentorship. This year, the Teaching Award in Anatomic Pathology was awarded to Dr. Grover Hutchins and the Teaching Award in Clinical Pathology was presented to Dr. William Merz. As always, the Awards Dinner was an excellent opportunity to mark a milestone in the training and career of Hopkins residents and fellows. §



Dr. William Merz accepts the Teaching Award in Clinical Pathology
(Photo: Z. Kareem)



Dr. Grover Hutchins receives the Teaching Award in Anatomic Pathology
(Photo: Z. Kareem)

Dr. Jeffrey Chance Receives Young Investigator Award

Jeffrey Chance, Ph.D., postdoctoral fellow in Clinical Chemistry, is a recipient of one of the 30 Paul E. Strandjord Young Investigator Awards for 1998. His abstract, "Polymerized-hemoglobin Blood Substitutes: Spectral Characterization and Interference with Laboratory Tests," will be presented at the Annual Meeting of the Academy of Clinical Physicians and Scientists to be held in Boston from June 11-13, 1998. A special banquet at the Annual Meeting will honor all awardees.

New Clinical Fellows in Pathology 1998-99

Clinical Chemistry	Scott A. Kuzdzal, Ph.D.
Cytopathology	Sherry Li, M.D.
Gynecologic Pathology	Karen A. Bell, M.D.
	Darren T. Wheeler, M.D.
Kidney/Urologic Pathology	David A. Brinker, M.D.
Hematopathology	Edward G. Weir, M.D.
Medical Microbiology	Nancy S. Miller, M.D.
Molecular Pathology	Elizabeth A. Saria, M.D.
Pediatric Pathology	Michael K. Fritsch, M.D., Ph.D.
Renal Pathology	Douglas A. Charney, M.D.
Transfusion Medicine	Sally A. Campbell-Lee, M.D.

Faculty Retreat Planned for Fall

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5:00 p.m. - 6:00 p.m.

Social Gathering, Mountcastle Lobby

Saturday, November 14

8:00 a.m. - 8:30 a.m.

Breakfast, Mountcastle Lobby

8:30 a.m. - 12:30 p.m.

General Session/Breakout, Mountcastle Auditorium/Labs

12:30 p.m. - 1:30 p.m.

Lunch, Green House Cafe, PCTB

1:30 p.m. - 5:00 p.m.

Breakout/General Session, Mountcastle Auditorium/Labs

Please mark your calendar for November 13 and 14, 1998. Please contact any member of the Retreat Agenda Committee if you have ideas or suggestions. More information will follow shortly. §

Department of Pathology New Residents, 1998–1999



Carol H. Allan

Carol obtained her undergraduate degree in Biology from Cornell University and her M.D. degree from University of Massachusetts. Prior to beginning medical school she was a research assistant for several years at the Brigham and

Women's Hospital where she studied intestinal immunology in rodent models. Her research experience in various laboratories as well as her exposure as a teaching assistant during her Post-Sophomore Fellowship in Pathology has led Carol to an interest in academic pathology. Carol will be joining the housestaff in AP/CP.



Robert W. Allan

Robert received both his undergraduate degree in Biochemistry and Molecular Biology and his M.D. from the University of Wisconsin. He has participated in research projects including his

honors senior thesis in novel mechanisms of retroviral replication and the construction of retroviral vectors for gene delivery into cells. While in medical school he completed a Post-Sophomore Fellowship in Pathology and did additional research that focused on the development of cell-specific liposome mediated gene delivery. Robert will be joining the housestaff in AP/CP with an interest in academic pathology.



Christine A. Iacobuzio-Donahue

Christine completed her B.S. at Adelphi University in Garden City, New York. She received her M.D.-Ph.D. degree from Boston University where she was awarded Karin Grunebaum and NIH predoctoral fellowships to study lysosomal proteinases in

colorectal tumor progression. Christine joins the housestaff in AP/CP with an interest in the molecular and cellular biology of colorectal carcinoma and enjoys hiking, astronomy, movies, reading, and Italian cooking.



Hongxiu Ji

After receiving her medical degree from Shanghai Medical University, Hongxiu pursued clinical training in gynecologic oncology and began work towards her Ph.D. at the Chinese Academy of Medical Sciences in

Beijing. Hongxiu then moved to Kuopio, Finland, where she completed residency training in Obstetrics and Gynecology, became fluent in Finnish, and earned a Ph.D. for her studies of human papillomavirus infections. Hongxiu moved to Baltimore to join Dr. T.C. Wu's laboratory where she has been working to develop vaccines against HPV-related malignancies. She joins the housestaff in AP/CP with an interest in gynecologic pathology.



George M. Kunz, Jr.

George earned his B.S. in Biology from M.I.T. before attending the University of Michigan Medical School and receiving his M.D. His research experience began as an undergraduate and includes studies on the regulation of amyloid

precursor protein and on the role of dehydroepiandrosterone in the aging immune system. He is the recipient of an IBM Thomas J. Watson Memorial Scholarship and an AFAR/John A. Hartford Medical Student Geriatrics Scholarship. George joins the housestaff in AP/CP with an interest in molecular pathology. He enjoys studying German, reading history, skiing, and running.



Bahram Robert Oliai

Bob obtained his undergraduate degree in Psychology from St. John's University and his M.D. degree from University of Illinois. He has participated in research projects which include the study of Venous Leiomyosarcoma and the use of the Polymerase Chain Reaction

in the diagnosis of tuberculosis. Bob is fluent in French and his hobbies include weightlifting, target shooting/hunting, music, and classic American automobiles. He will be joining the housestaff in AP/CP.



Jeffrey L. Seibel

Jeff received his undergraduate degree in Molecular Biology from Princeton University and his M.D.-Ph.D. degrees from University of Colorado Health Sciences Center. His doctoral thesis focused on T cell antigen receptor structure and function. He is

currently interested in Hematopathology and Immunopathology and will be joining the housestaff in AP/CP with a focus on pursuing an academic career. Jeff's hobbies include backpacking with his wife (Fiona) and daughter (Linnea), wildlife photography, and birdwatching.



Keith E. Volmar

After earning his B.S. in Physics from Ithaca College in upstate New York, Keith took time off to help run his family's beef farm. During this time, he worked in the Pathology Department of a

community hospital and developed an interest in pathology. Keith went on to receive his M.D. degree from the University of Buffalo School of Medicine where he was active in several local medical societies. He spent time with us in the Surgical Pathology suite as a medical student. He joins the housestaff in AP/CP with an interest in GI pathology.

Cytopathology Institute Meets for 39th Year

The 39th Postgraduate Institute for Pathologists in Clinical Cytopathology was held at Hopkins from April 20 through May 1, 1998. Started by Dr. John K. Frost in 1959, this course was one of the first organized educational courses at Hopkins and one of the first in cytopathology in the country. Dr. Frost meticulously designed the "Institute" and directed it until his death in 1990. The Institute is currently directed by Dr. Yener S. Erozan. It has been a unique course in cytopathology for its length (two weeks) and design by being given on the premises of an academic institution with the involvement of the entire staff of the Cytopathology Division. Although the Institute is revised and updated every year to adapt to changes and needs in the field, the basic format has been preserved. Its worldwide reputation has attracted pathologists from every continent. During the past 39 years, the Institute has had 2204 registrants. During the past eight years, approximately one-fourth of the registrants have come from abroad.



1998 Participants of the Cytopathology Institute (Photo: Z. Kareem)

Pathology Reception at the IAP Conference

On March 2nd, the Department of Pathology sponsored a reception for past and present faculty and trainees of Johns Hopkins Pathology at the 87th Annual Meeting of the United States and Canadian Academy of Pathology in Boston. As in previous years, the reception was well attended by Hopkins pathologists who viewed it as a great opportunity to maintain professional and personal contacts.



Drs. Robert Kurman, Ann Smith, and Tucker Burk (Photo: D. Booton)



Drs. Michael Vigilione, Khanh Tran, and Sheldon Bastacky (Photo: D. Booton)

Department News

Kathy Romans to Join GI Pathology

The Division of GI Pathology wishes to welcome Kathy Romans, M.S., to the Department. Kathy replaces Rahj Robinson who returned to New York to work at Cornell University. Kathy has been associated with Hopkins since 1991. She first worked at Bayview with Drs. Ed Gabrielson and Bryan McCune on studies of breast cancer. She then worked in the Department of Physiology, and most recently, in Neurosurgery. She is very interested in horses and is an accomplished rider. Welcome aboard Kathy!

Dr. Laura Mamounas Joins Neuropathology

Please welcome new faculty member Laura A. Mamounas, Ph.D., who has been working in the Division of Neuropathology since March 1st with Dr. Vassilis Koliatsos on "Tropic Biology of Aging Serotonergic Neurons."



(Photo: J. Durham)

Dr. Mamounas received her Ph.D. in Neuroscience from Stanford University and has held a fellowship (1986-90) and a Research Associate appointment (1991-93) in the Department of Neuroscience at Johns Hopkins. Prior to her return to Hopkins, she had an appointment as Senior NRC

Research Associate at the Gerontology Research Center at the National Institute on Aging in Baltimore.

Pathology Photography, Digital Imaging and Computer Graphics

Path Photo has purchased a Noritsu Mini-lab processor that will be installed in the new space in CMSC B-201. Once the system is on-line, Path Photo will offer 24-hour turnaround on color negative film and prints and quality enlargements up to 12 x 18 from color negatives. An E-6 two-hour process will be available beginning July 1 (with a surcharge). Please look for more information and notices around the hospital in the weeks to come.

At the International Meeting of the BioCommunications Association in Portland, Maine (June 10-14), many of the Path Photo staff are exhibiting images and several have won awards of excellence. "BioImages" '98 is a competitive exhibition and the Path Photo will be well represented.

Jerry Arnold, Norman Barker and Zuhair Kareem, Jim Durham, Bob Morreale and Jay VanRennselear all won Awards of Excellence for the work they submitted to this prestigious competition. Norman Barker also won the Charles Foster Memorial Citation for excellence in Photomicrography. Rick Tracey was also recognized with two Citations of Merit for Specimen Photography. Michael Leong, Fred Dubs, and Jon Christofersen were also selected to exhibit their work.

Transfusion Medicine

Another warm welcome to Dierdra Desantis who recently joined the Division of Transfusion Medicine as Education Coordinator, and to Hua Shan, M.D., Ph.D., who will join the faculty, working in the HIV-1 Specialty Laboratory this summer.

Christine Barasso will serve on this year's Program Committee for the National AABB meeting as well as Blood Bank representative on the ASCP QM Clinical Pathology Committee.

Surgical Neuropathology Throws Farewell Party

The surgical neuropathology group (pictured at left) met to say good-bye to Dr. Luen-Cheung Ho (top right), a visiting pathologist from Hong Kong. Also feted was Dr. Henry Brown, soon to depart for his position as Assistant Professor of Pathology at Allegheny General Hospital.



From left to right: Drs. Eberhart, Brat, Mrs. Rogers, Drs. Steinberg, Brown, Tihan, Burger, Ms. Goldthwaite, Drs. Schiller, and Ho (Photo: J. Durham)

Faculty Activities

Daniel W. Chan was named to the editorial board of the *International Journal of Biological Markers* in March. He was also chosen as organizer and speaker for the March 1998 meeting of the American Association for Clinical Chemistry (AACC) in Anaheim, California, at which he presented "Tumor Markers: Challenges and Solutions." In April, Dr. Chan presented "Clinical Applications of Prostate-Specific Antigen" at the Royal Prince Alfred Hospital, University of Sydney, Australia.

Steve Dumler was elected as an ASM Foundation Speaker for 1998–99.

Walter Kaufmann recently patented an invention for immunoblotting assay for the Fragile X Mental Retardation Protein (FMRP). He is also primary investigator on the Project 2b Neurobiology Program Project, "Pathogenesis of Rett Syndrome." Dr. Kaufmann also serves on the Interdisciplinary Development Advisory Board Celecoxib in Alzheimer's Disease.

Karen King and Steve Noga were appointed Co-Directors of the Hematopoietic and Therapeutic Support (HATS) Service. This new service provides support to JHH for therapeutic apheresis, peripheral blood stem cell collection, graft engineering, platelet collection, and transfusion support for oncology patients.

Edward McCarthy has published a new book (Saunders Co., Publishers), entitled *Pathology of Bone and Joint Disorders with Clinical and Radiographic Correlation*. In May, Dr. McCarthy was invited as Visiting Professor to Ain Shands University in Cairo, and in September, he will present at the International Skeletal Society Meeting in Dublin. He will also be guest speaker in December at the Indian Branch of the International Academy of Pathology in Kanya Kumari, India.

Paul Ness recently visited Vietnam as a visiting lecturer under the sponsorship of the National Heart, Lung, and Blood Institute. He presented "Autoimmune Hemolytic Anemia" and "Alternatives to Transfusion" at the Vietnamese

National Hematology Blood Transfusion meeting in Ho Chi Minh City and at the Institute of Hematology and Blood Transfusion at the medical school in Hanoi. The recent visit was a follow-up to last September's trip, during which he presented a one-week course for 40 Vietnamese hematologists and transfusion medicine practitioners at the Ho Chi Minh City Blood Center. Dr. Ness was the first American transfusion expert to visit since the war.

Gary Pasternack will serve on an NIH SSS-1 Study Section which reviews cancer-related SBIR and STTR grants. Three U.S. patents have been recently issued in his name: US 5734022 "Antibodies to a novel mammalian protein associated with uncontrolled cell division"; US 5726018 "Nucleic acid based assays to detect a novel mammalian protein associated with uncontrolled cell division"; and US 5665874 "Cancer related antigen" (Kuhajda and Pasternack).

Lorraine Racusen was selected for the Program Committee for the annual meeting of the American Society of Nephrology to be held in Miami in 1999.

Dorothy L. Rosenthal will complete her term as president of the International Academy of Cytology (1995–98). Dr. Rosenthal is co-investigator for the National Cancer Institute AITC (ASCUS LSIL Triage Study Trial) (1995–present) and also serves on the Editorial Board of *Acta Cytologica*, and *Analytical and Quantitative Cytology*.

Gopal Thinakaran presented several papers in Japan during March: "Endoproteolytic Processing of Presenilin 1" at the Center of Excellence International Symposium on Alzheimer's Disease: Approach from FAD Genes in Tokyo; "Regulated Endoproteolysis of Presenilins" at the University of Tokyo; "Cell Biology of Presenilins: Regulated Endoproteolysis and Lack of Association with APP" at the Eisai Tsukuba Research Laboratories in Ibaraki; "Regulated Endoproteolysis of Presenilins and Association of PS Derivatives" at

the RIKEN Brain Science Institute in Saitama. In April, Dr. Thinakaran presented "Cell Biology of Presenilin-1" at the New York Academy of Sciences, Sections of Neuroscience and Biomedical Sciences.

The Johns Hopkins Initiative

Deb Barbara

Over the last several years, I am sure you have read in the *Baltimore Sun*, the *Hokins Gazette* and other publications the success of the capital campaign that has been underway here since 1994—the Johns Hopkins Initiative. Many alumni, patients, and friends of the institution have generously contributed their precious financial resources so that we may continue our mission of education, research, and clinical service. Now it is our turn. All faculty and staff are asked to make a contribution or pledge in support of the work of Johns Hopkins Institutions. There are two priorities towards which gifts can be directed. The School of Medicine has designated The Fund for Medical Discovery as its priority. In the Department of Pathology we have designated the Pathology Young Investigator Development Fund. This is an area of significant need for the department. The Young Investigator Fund will help to support the career development of current and future junior faculty in Pathology. I hope you will consider this opportunity to have an impact on the future of our department. Please understand that the final decision of whether or not you make a contribution and to which area your support is designated is entirely yours. If you are interested in contributing to this worthwhile cause, you may forward your donation to Rob Kahl. Please make your checks payable to: Johns Hopkins University-Department of Pathology, and submit with a note that designates the Young Investigator Fund. Your contribution is tax deductible. As always, please feel free to contact me directly at 410-955-9485 or on GroupWise at dbarbara@pathlan.path.jhu.edu should you have any questions regarding the department's campaign priority.

Recent Grants Awarded to Faculty

<u>INDIVIDUAL</u>	<u>AWARD</u>	<u>AGENCY</u>	<u>DATE</u>	<u>ANNUAL AMOUNT</u>
Becher, Mark	Grant	K08	04/01/98-03/31/01	\$ 46,322
Borchelt, David	Grant	NIH-R01	04/01/98-03/31/01	\$169,987
Chan, Daniel	Contract	CIS-US, Inc.	04/01/98-12/31/98	\$146,000
	Contract	Bayer Corporation	05/01/98-12/31/98	\$ 65,000
Clark, Douglas	Pilot	Johns Hopkins Fund For Medical Discovery	03/01/98-02/29/99	\$ 10,000
Eshleman, James	Pilot	Johns Hopkins IRG	04/01/98-03/31/99	\$ 20,000
Koliatsos, Vassilis	Grant	American Health Assistance Fdtn.	04/01/98-03/31/00	\$ 95,265
Mamounas, Laura	Grant	NIH-R29	03/01/98-04/30/02	\$104,383
Merz, William	Contract	Organon Teknika	02/01/98-07/31/98	\$ 3,500
Mouton, Peter	Grant	American Health Assistance Fdtn.	04/01/98-03/31/00	\$ 99,015
Price, Donald	Grant	Alzheimer's Assn.	01/01/98-12/31/00	\$ 81,481
	Grant	NIH-R01	01/01/98-12/31/01	\$395,430
Sadegh-Nasseri, S.	Grant	NIH-R01	05/01/98-04/30/03	\$189,181
Trinakaran, Gopel	Grant	Adler Foundation	06/01/98-05/31/99	\$ 28,000

National Med Lab Week Celebrated

National Medical Laboratory Week was one of the best ever in Anatomic Pathology. Every day was marked with celebration. Responsibilities for events were shared by all. The Pathology Department hosted a deli luncheon, supervisors provided a pizza lunch, the employees contributed recipes for a department cookbook and desserts to share for a "Dessert Delight." Activities included free health screenings by Wellnet, continental breakfasts by vendors Shandon-Lipshaw, Inc. and Barber Optics, and a "Who's That Baby?" picture contest with prizes by DAKO Corp., Sakura, Leica, Inc. and Shandon-Lipshaw, Inc.

Winners of mugs for the baby picture contest were Carolyn Anderson, Latricia Donaldson, Yolanda Donaldson, Dante Trusty, and Dr. Maureen Riopel. Joyce Richardson won the drawing for the flower arrangement. The grand prize of Orioles tickets went to Shawnice Foster, courtesy of Allegiance Healthcare. Everyone enjoyed the Cassette Grab prizes of mugs, pens, letter openers, and calling cards. Thanks to Edward Henry for coordinating a great week!

Clerical Support Staff Honored By Department

On Friday April 24, the Department of Pathology honored its clerical support staff (i.e., secretaries, administrative assistants, transcriptionists) with a luncheon. It was exceptionally well attended and Dr. Fred Sanfilippo, Director of the Department, took the opportunity to thank the staff for a job well done for the past year. He amused the group by suggesting that, since so many secretaries and administrative assistants had attended the luncheon, he was concerned that productivity in the Department had fallen for the afternoon since, Dr. Sanfilippo added, so much of what is accomplished is due to the hard work of this staff. Mr. Jim Creech, Administrator for Clinical Services, also joined in the festivities by expressing the appreciation of the Department for the efforts of the staff.

The luncheon was a very pleasant event with a delicious menu, which was provided by Banquet Services. The support staff had a wonderful time and their appreciation for such a nice interlude was evident. Thanks to all for helping to make it a wonderful event. §



Special Luncheon for Clerical Support Staff (Photo: J. Durham)

Hopkins Autopsy Service Meets Milestone

The Department of Pathology passed a major milestone in its history during May, when the total number of autopsies performed here passed the 50,000 mark. The prosector for the fifty-thousandth case was first-year resident Dr. Magdalena Czader. Dr. Robb Wilentz was the charge resident and Dr. Grover Hutchins, Autopsy Division Chief, was the attending pathologist.

The Autopsy Service has a long and proud tradition at The Johns Hopkins Hospital. In May 1889, Dr. William H. Welch, the first physician appointed to the staff and also the first Professor of Pathology, performed the first autopsy here 109 years ago. The patient's death was due to obstruction of the common bile duct by gallstones, a condition which had been complicated by endocarditis involving a bicuspid aortic valve. Of note, the patient had been treated by the second physician appointed to the staff, young Dr. William Osler. Dr. Osler was a firm believer in the value of the autopsy, and indeed, performed many of the postmortem examinations on his own patients prior to coming to Hopkins.

Ninety-seven autopsies were performed during the first year of the autopsy service. These were all done by Dr. Welch himself, as the first pathology residents did not arrive until three years after the hospital opened.

Ten thousand autopsies were performed by 1927; 20,000 by 1946; 30,000 by 1960, and 40,000 by 1975. The original bound copies of the reports are still maintained in the Departmental files, as are the glass slides and paraffin-embedded tissue blocks. The final autopsy diagnoses on all 50,000 cases

are contained in a computerized database. This extensive collection remains extremely important for both medical education and quality assurance activities. It has also provided the basis for numerous famous scientific observations. For example, a rather lengthy 1907 autopsy report by pathology resident Dr. George Whipple detailed his observations on "lipodystrophy intestinalis," later to be known as Whipple's disease. Similarly, resident Dr. Dorothy Reed used autopsy cases in her 1902 paper describing the "peculiar and typical" microscopic features of Hodgkin's disease. The "characteristic giant cells" she described eventually became known as Reed-Sternberg cells. §



The Autopsy Team for the 50,000 Autopsy (Photo: J. Durham)

New Colleagues to the East

The Department of Pathology has entered into an agreement with Johns Hopkins Bayview Physicians, P. A., to manage their Ambulatory Care Laboratory (ACL) at 1101 North Point Boulevard in Dundalk. ACL is a community-based laboratory that serves seven Bayview Physician office practices, six Baltimore Medical Systems office practices, and several community-based practices. Decentralized Phlebotomy, Chemistry Profiles, Thyroid Function Testing, Hematology Profiles, Basic Coagulation Testing, Microbiology Screening, Urinalysis, and Serology are offered through ACL. A staff of 30, including phlebotomists, provide laboratory services for as many as 600 patients daily, Monday through Saturday.

Effective July 1, 1998, Mark Silberman, M.D., will be the Director of ACL. Al Valentine will oversee the administrative tasks, and Bassam Sayad (formerly lead technologist in the Core Laboratory) will be the on-site technical supervisor. We look forward to this new relationship and opportunity to support patient care needs in the community. §

Consult Agreement Connects Neuropathology and the Intermed of Istanbul

Effective May 1998, the Department of Pathology has signed a consultation agreement with the Intermed of Istanbul for neuropathology on specimens requiring a second opinion from Turkey. Intermed, the largest medical group in Turkey, also functions as a liaison to a number of hospitals, including the American Hospital in Istanbul. The agreement is expected to extend to other areas in pathology and to provide a model for international consultation services that will be offered worldwide. The Surgical Neuropathology consultation service, directed by Peter C. Burger, M.D., hopes to increase interactions with institutions abroad through consultations, collaborative research, and educational activities. §

**The Department of Pathology
Faculty, Housestaff, and Fellows 1997–1998**



Photo: Z. Kareem)

Housestaff 1997–1998

**(and Dr. Fred Sanfilippo, Chairman, Dr. Risa B. Mann, Program Director, and
Dr. J. Stephen Dumler, Program Co-Director)**



Photo: Z. Kareem)

Calendar of Events

August 30	Departmental Annual Picnic at Camden Yards: Orioles vs. Kansas City Royals (Prior reservations only)
September 11	Departmental Annual Picnic at Camden Yards: Orioles vs. Anaheim Angels (Prior reservations only)
October 2-3	CME Seminar, " <i>Critical Issues in Laboratory Medicine</i> ," Renaissance Harborplace Hotel, Baltimore
October 30-31	CME Seminar, " <i>Gynecologic Pathology: Approaches to Common Problems with Emphasis on New Entities and Techniques</i> ," Renaissance Harborplace Hotel, Baltimore
November 13-14	Faculty Retreat, Baltimore

Pathology Grand Rounds

June 4	David Klimstra, M.D., Associate Professor Memorial Sloan Kettering
June 11	Stanley Hamilton, M.D., Professor Johns Hopkins Pathology
June 18	Anna-Luise Katzenstein, M.D., Professor SUNY Health Science Center, Syracuse
June 25	Jordan Pober, M.D., Ph.D., Professor Yale University School of Medicine
July 2	Edward McCarthy, M.D., Associate Professor Johns Hopkins Pathology
July 9	Pedram Argani, M.D., Instructor Johns Hopkins Pathology
July 16	Gary B. Green, M.D., MPH, Assistant Professor Johns Hopkins Emergency Medicine
July 23	TBA
July 30	Daniel B. Drachman, M.D., Professor Johns Hopkins Neurology
August	No Grand Rounds

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