

Indiana University Cancer Center Newsletter

October 1998

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- Darron Brown Receives VA Merit Award
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VanNuys Medical Science Building Dedication

The dedication for the John D. VanNuys Medical Science Building Expansion will be held on Friday, October 23, 1998, at 3:00 p.m. in the VanNuys Medical Science Building Atrium. A reception and tours will immediately follow the ceremony.

Mini-symposiums are scheduled from 8:30 to 12:35 p.m. in the Emerson Hall Auditorium.

8:30 a.m. **Ralph Steinman**, M.D. Professor, Department of Cell Physiology and Immunology, Rockefeller University New York. **“Dendritic Cells and the Control of Immunity.”**

9:15 a.m. **Larry V. McInitire**, Ph.D., E.D. Butcher Professor and Chair, Department of Bioengineering; Chair, Institute of Biosciences and Bioengineering; and Director, John W. Cox Laboratory for Biomedical Engineering, Rice University, Houston. **“Bioengineering and Vascular Biology.”**

10:00 a.m. **Donald L. Price**, M.D., Professor, Departments of Pathology, of Neurology, and of Neuroscience and Director of Neuropathology, Neuropathology, Laboratory, John Hopkins University School of Medicine, Baltimore. **“Neurodegenerative Diseases: Lessons from Transgenic Models.”**

11:05 a.m. **Mike M. Mueckler**, Ph.D., Professor, Department of Cell Biology and Physiology, and Associate Director, Diabetes Research and Training Center, Washington University School of Medicine, St. Louis. **“Transgenic Explorations of Glucose Transport and Glucose Metabolism.”**

11:50 a.m. **Ivan Diamond**, M.D., Ph.D., Professor and Vice Chair, Ernest Gallo clinic and Research Center, Department of Neurology, San Francisco General Hospital, University of San Francisco. **“The Neurobiology of Alcoholism.”**

IU Cancer Center Support Grant Application

The Indiana University Cancer Center Support Grant Application has been submitted for the October 1st NIH deadline.

The next step in the process will be a site visit sometime in January or February of 1999.

The Indiana University Cancer Center Administration would like to express our sincere thanks to the many individuals who participated in the preparation of this very complex grant.

Jian-Ting Zhang Receives American Lung Association Grant

Jian-Ting Zhang, Ph.D., Department of Pharmacology & Toxicology has been awarded an American Lung Association Grant for his project entitled "Molecular Study of a Novel Lung Cancer Antigen p180."

In this project, they will further characterize and clone the novel 180-kDa protein (p180) discovered in their laboratory. P180 was found overexpressed in 15 of 18 cases of primary lung cancers but not in 9 of 10 normal lung tissues tested. The expression of p180 is not related to the treatment history of patients. P180 is also not detected in other cancers (e.g., adenocarcinomas of breast, and colon) and their corresponding normal tissues. Interestingly, p180 is detected equally in both cytosol and membrane preparations and only the cytosolic p180 is phosphorylated. P180 may be an important molecule in cell-growth regulation and an important novel lung cancer antigen.

Darron Brown Receives VA Merit Award

Dr. Darron Brown, Associate Professor of Medicine, Microbiology and Immunology has received a 3 year VA Merit Award for his project entitled "Mechanisms of the HPV 11 E1^{E4} Protein in the Virus Life Cycle."

This grant has been funded to clarify the role of the E1^{E4} protein in the virus life cycle. The project will test the hypothesis that the E1^{E4} protein, either alone or in concert with other HPV 11 gene products, contributes to the benign cellular proliferation that is characteristic of the "low risk" HPV types.

IU Cancer Center Biostatistics

The IU Cancer Center Biostatistics Group consists of two faculty members, Dr. Sin-Ho Jung and Roopa Seshadri, and two masters statisticians, Doug Heilman and John Hayes. The group is responsible for the statistical issues involved in cancer research including clinical studies, basic science studies, and studies relating these two fields. The group is involved in the design and monitoring of research projects, analyzing data, and writing reports.

The Biostatistics Group is located on the 3rd floor of the Indiana Cancer Pavilion and can be reached at the following:

Dr. Sin-Ho Jung	8-3045
Roopa Seshadri	4-2666
Doug Heilman	4-2409
John Hayes	8-3183

Please Welcome!

Martin Smith, Ph.D., who arrives October 1, 1998, has a primary appointment in Microbiology and Immunology. He studies p53 activation of downstream genes involved in DNA repair. He is a young investigator, having just completed a post-doctoral fellowship at the NCI. He has published 16 first-authored papers in good quality journals. Dr. Smith will be located in the R4 building Room 155. His phone number is 8-0225.

Joining the Adult CRO are Clinical Research Specialists Nancy Jones and Susan Salenda, and IRB/SRC Coordinator Michelle Meeks. Their offices are located in RT 380.

Hematology/Oncology welcomes Elva VanHook, RN, Outpatient Research Nurse; Lisa Wood, RN, BMT Outpatient Research Nurse; and Tina Riedlinger-Clinical Systems Manger for the training and management of the oncomanager system.

Seminars/Conferences/Meetings

Thursday, October 1

4:00 p.m. Steven Reiner, Ph.D. **“Helper T-Cell Differentiation: Developmental Paradigms in Adults.”** Dept of Medicine and Gwen Knapp Center for Lupus and Immunology Research, University of Chicago. *Medical Science Building 326.*

5:30 p.m. Michael Sadove, M.D. **“Breast Surgery.”** Dept. Surgery, Div. of Plastic Surgery, IUSM. *Wishard Hospital, Myers Auditorium.*

Monday, October 5

4:30 p.m. Hematology Fellows Lecture. **“Gamma Knife and Other New Developments in Radiation Oncology”.** Dr. Robert Timmerman. *RT 425.*

Wednesday, October 7

7:00 a.m. Skull Base Group Conference. *UH 2005*

Wednesday, October 7

12:30 p.m. Radiation/Gynecologic Oncology Conference Case Presentation/Discussion. *RT 425.*

4:00 p.m. Dr. Jeremy Graff. **“Dynamic Cellular heterogeneity and Epigenetic Plasticity: Methylation-Associated Silencing of the Metastasis Suppressor, E-Cadherin, Can be Modulated During Tumor Progression”**. Senior Research Specialist, Eli Lilly Corporation. *Cancer Research Institute Auditorium 101*.

Thursday, October 8

4:00 p.m. Arun Srivastava, Ph.D. **“Adeno-Associated Virus 2: From Molecular Biology to Gene Therapy and Back.”** Dept of Microbiology/Immunology, and Walther Oncology Center, IUSM. *Medical Science 326*.

5:30 p.m. Surgery Grand Rounds. **“Renal Cell Carcinoma”**. Richard Foster, M.D., Dept. of Urology. *Wishard Hospital, Myers Auditorium*

Friday, October 9

12:00 noon Maureen Harrington, Ph.D. **“Cross-Talk between TNF and IL-1 Signaling Pathways.”** Dept of Biochemistry/Molecular Biology, IUSM. *Medical Science 326*.

Monday, October 12

4:00 p.m. Dr. William G. Kaelin, Jr. **“Functions of the Von Hippel-Lindau Tumor Suppressor Protein.”** Dana Farber Cancer Institute, Harvard Medical School. *Medical Science 326*.

4:30 p.m. Hematology Fellows Lecture. **“Depression and Cancer”**. Steve Passik, Ph.D. *RT 425*.

Wednesday, October 14

12:30 p.m. Radiation/Gynecologic Oncology Conference Case Presentation/Didactic. Dr. Jean Hurteau, IUSM.

4:00 p.m. David I. Smith, Ph.D. **“Common Fragile Sites and Cancer”**. Professor, Division of Experimental Pathology, Mayo Clinic. *Cancer Research Auditorium 101*.

Thursday, October 15

4:00 p.m. Yu-Chung Yang, Ph.D. **“Specificity and Redundancy of Cytokines in the IL-2 Receptor Gamma Chain Superfamily.”** Dept. of Medicine, IUSM. *Medical Science 326*.

Friday, October 16

1:00 p.m. Cancer Control Committee. Cheryl Koopman, Ph.D., Stanford University. **“Post Traumatic Stress Disorder in Cancer Patients.”** *NU 212*.

1:00 p.m. Xin Zhang, Graduate Student. **“AKT1 Protein Kinase in Hematopoietic Cell Signal Transduction.”** Dept. of Biochemistry/Molecular Biology, IUSM. *Medical Science 326*.

Monday, October 19

4:30 p.m. Hematology Fellows Lecture. **“Genetic Testing for Cancer”**. Dr. Gail Vance. *RT 425*.

Tuesday, October 20

12:00 p.m. Experimental Therapeutics Research Program Meeting. **“Sarcoma”**. Dr. Phil Breitfeld. *Cancer Research Institute Auditorium 101A*.

Wednesday, October 21

12:30 p.m. Radiation/Gynecologic Oncology Conference case presentation/discussion.

4:00 p.m. Dr. John O’Shea. **“Signaling by IL-2 and IL-12”**. National Institutes of Health. *Cancer Research Institute Auditorium 101*.

Thursday, October 22

4:00 p.m. Nicholas Lukacs, Ph.D. **“Chemokines: Function, Activation, and Alteration of Inflammatory Responses.”** Dept of Pathology, University of Michigan. *Medical Science 326*.

Monday, October 26

4:30 p.m. Hematology Fellows Lecture. **“Special Lecture”**. *RT 425*.

Wednesday, October 28

4:00 p.m. William F. Morgan, Ph.D. **“DNA Damage and Genomic Instability”**. Professor, Laboratory of Radiobiology and Environmental Health, University of California, San Francisco. *Cancer Research Institute Auditorium 101*.