

Dear Postdoctoral Fellow and Trainee Retreat Participant:

On behalf of the Center for Cancer Research, National Cancer Institute, it is my pleasure to welcome you to our Center's "First Annual CCR Postdoctoral Fellow and Trainee Retreat." This two-day event is designed to further promote interaction between fellows and trainees within our Center. I encourage you to meet with your colleagues and actively participate in the lectures, poster sessions, mini-presentations, and workshops.

As a member of our new Center, you have unique training and collaboration opportunities available to you. I ask each of you to evaluate your current training experience at CCR and share with me and my staff, your needs, concerns, and ideas to optimize your fellowship.

I wish you all a most productive retreat and look forward to the opportunity to meet with you.

*Carl Barrett, Ph.D.
Director, Center for Cancer Research
National Cancer Institute*

Program

Tuesday, June 12, 2001

- 9:00 - 10:30 am Introductions, Keynote Address, and Discussion of Opportunities at the NCI
Dr. J. Carl Barrett, Director, Center for Cancer Research, National Cancer Institute
Dr. Richard Klausner, Director, National Cancer Institute
- 10:30 - 11:00 am *Break*
- 11:00 - 12:00 pm Sequencing the Human Genome
Dr. Craig Venter, Celera, Incorporated
- 12:00 - 2:00 pm *Lunch*
- 12:30 - 2:00 pm Poster Session I
- 2:00 - 2:15 pm Trainees Assembly Overview
Dr. Donna Vogel, NCI Fellowship Office Overview
Dr. Pierre Henkart, Experimental Immunology Branch, CCR, NCI
- 2:15 - 3:15 pm Careers in BioSciences The Bench, The Bedside, and Beyond
Dr. Marco Gottardis, Bristol Myers Squibb
- 3:15 - 4:15 pm Career Development Workshop I - Management and Communication in Science
- 4:15 - 4:30 pm *Break*
- 4:30 - 5:30 pm Career Development Workshop II - Interviewing Skills
- 6:30 - 8:00 pm *Barbeque Picnic Under the Tent*
- 8:00 - 10:00 pm *Social Gathering*

Wednesday, June 13, 2001

- 8:30 - 9:30 am The Facilitating Cell: From Bench to Bedside
Dr. Suzanne Ilstad, Director of the Institute for Cellular Therapeutics, University of Louisville
- 9:30 - 10:00 am *Break*

10:00 - 12:30 pm *Postdoctoral Mini Presentations*

Session I **Immunology and Infectious Diseases, Rosenstock Hall, Rosenstock Auditorium**

10:00 - 10:15 am Induction of Erythropoietin-independent Proliferation of Erythroid Cells by the Friend Spleen Focus-forming Virus Is Associated with Maintained Expression Levels of BCL-XL: Takashi Yugawa, *Basic Research Laboratory*

10:15 - 10:30 am Evaluation of SIGN Family Molecules in Lentiviral Pathogenesis: Li Wu, *HIV Drug Resistance Program*

10:30 - 10:45 am Construction and Biological Activity of Glycosylation-resistant Mutants of Cyanovirin-N, a Potent HIV-inactivating Protein: Z-Z. Han, *Laboratory of Drug Discovery Research and Development*

10:45 - 11:00 am A PSA-based vaccine in a Randomized Phase II Study of Patients with Localized Prostate Cancer Receiving Standard Radiotherapy: James Gulley, *Laboratory of Tumor Immunology and Biology*

11:00 - 11:15 am A Surface Plasmon Resonance Assay for Sera Reactivity: Noreen R. Gonzales, *Laboratory of Tumor Immunology and Biology*

Session II **Pharmacology and Organic Chemistry, Tatum Arts, Price Auditorium**

10:00 - 10:15 am Inhibition of HIV-1 Integrase by Diketo Acid Derivatives: Christophe Marchand, *Laboratory of Molecular Pharmacology*

10:15 - 10:30 am Killing of the NCI 60 Cancer Cell Lines by Four Adenovirus: Identification of Molecular Targets: Maria Bonovich, *Laboratory of Metabolism*

10:30 - 10:45 am Human Topoisomerase I Inhibition: Docking Camptothecin and its Derivatives into a Structure Based Active Site Model, and Testing the Model Experimentally: Gary S. Laco, *Laboratory of Molecular Pharmacology*

10:45 - 11:00 am Unusual Indole Alkaloids from the Sponge *Ancorina* Sp.: Karina M. Meragelman, *Laboratory of Drug Discovery Research and Development*

Session III **Cell Growth, Whitaker Hall, Atrium**

10:00 - 10:15 am Identification and Characterization of Rig, A Novel Farnesylated Ras-Like GTPase Exhibiting Tumor Suppressor Properties: Chad A. Ellis, *Department of Cell and Cancer Biology*

- 10:15 - 10:30 am Polo-like Kinase Interacts with Proteasomes and Regulates Their Activity: Yang Feng, *Basic Research Laboratory*
- 10:30 - 10:45 am Nuclear Translocation of the Catalytic Subunit of Protein Kinase A Induced by an Antisense Oligonucleotide Directed Against the R1alpha Subunit: Catherine L. Neary, *Laboratory of Tumor Immunology and Cell Biology*
- 10:45 - 11:00 am Projection Map and Molecular Architecture of a Membrane Transporter: Jürgen A.W. Heymann, *Laboratory of Biochemistry*
- 11:00 - 11:15 am A Mitotic Role for SIL Suggested by Cell Cycle Regulation and Interaction with PIN1: Stefano Campaner, *Genetics Branch*

Session IV

Gene Regulation, Rosenstock Hall, Rosenstock Auditorium

- 11:15 - 11:30 am Identifying Gene Expression Patterns Associated with the Host Response to Tissue Inhibitor of Metalloproteinase-2: Andrew L. Feldman, *Surgery Branch*
- 11:30 - 11:45 am Analysis of Gene Expression Profiles in Non-Small Lung Cancer: Tatiana V. Dracheva, *Laboratory of Population Genetics*
- 11:45 - 12:00 pm Isolation of Potential Pathways for VHL-mediated Renal Cell Tumorigenesis: Disruption of the VHL-Hypoxia Inducible Factor Alpha Interaction: Jodi K Maranchie, *Urologic Oncology Branch*
- 12:00 - 12:15 pm Splicing of a Pre-mRNA in The Absence of an Essential Cellular Splicing Factor in a Cell: Xuefeng Liu, *HIV & AIDS Malignancy Branch*
- 12:15 - 12:30 pm The Role of CITED1/MSG1 in Wnt-dependent Renal Morphogenesis: Sergei Y. Plisov, *Laboratory of Comparative Carcinogenesis*

Session V

Cancer Models, Tatum Arts, Price Auditorium

- 11:15 - 11:30 am Inactivation of O6-methylguanine-DNA methyltransferase by Promoter Hypermethylation Is an Early and Frequent Event in Skin Tumorigenesis and Is Associated with Loss of its Protein Expression: Rana Abdel-Fattah, *Laboratory of Cellular Carcinogenesis and Tumor Promotion*
- 11:30 - 11:45 am Acquisition of Generalized Apoptotic Resistance During Cadmium-induced Malignant Transformation of Human Prostate Epithelial Cells: W.E. Achanzar, *Laboratory of Comparative Carcinogenesis*
- 11:45 - 12:00 pm SKY and CGH Detect Recurrent Chromosomal Aberrations in MMTV-CreF/neo Neu/nt Induced Mammary Tumors: Cristina Montagna, *Genetics Department*

- 12:00 - 12:15 pm Possible Mechanistic Involvement of the Fhit Gene in Metal-induced Carcinogenesis: Renata Kowara, *Laboratory of Comparative Carcinogenesis*
- 12:15 - 12:30 pm SKY Analysis of Spontaneously Immortalized /Transformed Murine Primary Cell Cultures, from Normal Lung, Mammary Gland, Kidney, and Cervical Tissues: Hesed M. Padilla-Nash, *Genetics Department*
- Session VI Clinical and Miscellaneous, Whitaker Hall, Atrium**
- 11:15 - 11:30 am Effect of the Her2 V655I Polymorphism on Breast/ Ovarian Cancer Risk Estimates in BRCA1/2 Mutation Positive and Negative Families Using an Extension of the Kin-cohort Method: Joni Rutter, *Laboratory of Population Genetics*
- 11:30 - 11:45 am Cyclin D3 at 6p21 is Dysregulated by Recurrent Chromosomal Translocations to Immunoglobulin Loci in Multiple Myeloma: Ying Qi, *Genetics Branch*
- 11:45 - 12:00 pm Pharmacokinetics (PK) of Perifosine, an Oral Alkylphosphoholine Signal Transduction Modulator, in a Phase I Trial with Different Loading and Maintenance Schedules in Patients with Refractory Neoplasm: Waverly Woo, *Clinical Pharmacokinetic Section*
- 12:00 - 12:15 pm Identification of an IL-2 Responsive Element in the Human IFN-gamma Promoter: Jay H. Bream, *Laboratory of Experimental Immunology*
- 12:15 - 12:30 pm National Cancer Institute Making Connections with Commercial Partners: Patrick Twomey, *Technology Transfer Branch*
- 12:30 - 2:00 pm *Lunch*
- 1:30 - 2:30 pm *Poster Session II*
- 2:30 - 2:45 pm *Closing Remarks*
Dr. Robert Wiltrot, Deputy Director, Center for Cancer Research, National Cancer Institute
- 2:45 - 5:15 pm *Career Development Workshop III - Parallel Sessions*
- (A) *Resume Writing/Scientific Writing and Publishing*
Rosenstock Hall, Rosenstock Auditorium
- (B) *Part II. Management and Communication in Science*
Tatum Arts, Price Auditorium
- (C) *Setting Up a Lab/Grant Writing*
Whitaker Hall, Atrium
- 5:15 - 6:00 pm *Departure from Campus*