AGENDA
Cancer and Inflammation Program (CIP) Workshop
Natcher Conference Center, NIH Campus
April 12, 2013

Friday, April 12th

8:30-8:45	**Coffee and Light refreshments**
8:45-9:00	**Giorgio Trinchieri – Opening and Introduction**

Cancer Inflammation

9:00-9:45	**Keynote Speaker – Professor Andreas Diefenbach Deputy Director, Dept. of Medical Microbiology and Hygiene University Freiburg, Germany – *"Transcriptional Control of Innate Immunity"***
9:50-10:10	**Yinling Hu – *"Signaling Links Central Tolerance to Innate Immunity and Skin Homeostasis"***
10:10-10:30	**Smita Kulkarni – *"Genetic Synergism Between HLA-C and MIR148A in HIV Control"***
10:30-10:50	**Morning Break**
10:50-11:25	**Ruth Nussinov – *"Structural Pathways of Cancer Cellular Network"***
11:25-12:00	**David Wink – *"Breast Cancer, Inflammation and Nitric Oxide"***
12:00-12:35	**Dimiter Dimitrov – *"Human Monoclonal Antibodies Against Cancer and Viruses"***
12:35-3:00	**Lunch (Participants responsible for their on lunch) and Poster Presentations (List Attached) – Atrium Upstairs**
3:00-3:45	**Keynote Speaker - Dr. Christian Jobin Associate Professor, Dept. of Medicine, Pharmacology, Immunology, and Microbiology, University of North Carolina, Chapel Hill – *"Is the Microbiota the Target of Host Inflammation? Impact on crc"***

3:45-4:05	**Dennis Klinman** - ***"Smoking-Induced Lung Cancer is Promoted by Chronic Inflammation and Reduced by Anti-inflammatory Therapy"***
4:15-4:35	**Ji Ming Wang** - ***"A Critical Role for the Chemoattractant Receptor FPR2 in Colon Epithelial Homeostasis, Inflammation and Tumorigenesis"***
4:35-4:55	**Colm O'hUigin** - ***"Retroviral Reactivation and Infectivity in MyD88 Deficient Mice"***
4:55-5:15	**Miranda Hanson** – ***"Lactococcus Lactis Expressing IL-27: A Potential Therapeutic for Inflammatory Bowel Disease"***
5:15-	**Closing Remarks – Giorgio Trinchieri** **Depart**

CIP Retreat Posters 2013		
Number	**Name/Presentor**	**Title**
1	**Alan Brooks**	Using Nanog expression to identify breast cancer stem cell populations
2	**Amiran Dzutsev**	CD103 DCs patrol colonic patch - associated epithelium and lamina propria and take up bateria from the lumen
3	**Bert Gold**	A proposal for circulating tumor cell subtyping for capture device validation
4	**Colm O'Huiglin**	Molecular and bioinformatic research at the CIP Genetics Core
5	**Dan McVicar**	Murine Hepatoma cell line Hep1-6 produces IL-1B via mitochondrial-mediated inflammasome activation.
6	**Dan McVicar**	LAB/NTAL facilitates fungal/PAMP-induced IL-12 production and Th1 responses by repressing beta-catenin activation in dendritic cells
7	**De Yang**	Contribution of the alarmin HMGN1 to the generation of anti-tumor immunity
8	**Debbie Hodge**	Loss of IFN-gamma 3'untranslated region AU-rich element affects B220+ cell populations in novel murine lupus model
9	**Fanching Lin**	IFN-gamma causes aplastic anemia by altering HSC composition and interrupting lineage differentiation
10	**Feng Zhu**	Signaling links central tolerance to innate immunity and skin homeostasis
11	**Frank Ruscetti**	Anti TGF-b therapy: Repair of CD34+ Stem/progenitor cell function in diabetic patients
12	**Gan Zhao**	Potent anti-tumor activity of CpG ODN combined with a ligand targeting TLR 7/8: Model studies in mice
13	**Hannah Yan**	CCL9 is a critical mediator in tumor cell survival and metastasis
14	**Hong Lou**	A functional haplotype at prostate cancer predisposition is associated with TET2 expression
15	**Ji Ming Wang**	Controlling leukocyte infiltration at sites of inflammation and cancer
16	**Jon Weiss**	Regulatory T cells and myeloid-derived suppressor cells in the tumor microenvironment undergo Fas-dependent cell death during IL-2/aCD40 therapy
17	**Julie Heinecke**	NOS2 Induction in breast cancer regulates various poor prognosis indicators
18	**Kathleen Noer**	NCI-Frederick CCR Flow Cytometry Core, A resource in support of the Cancer Inflammation Program and the Center for Cancer Research Division of the National Cancer Institute at Frederick
19	**Kathy Jones**	Early events critical for infection of primary cells by HTLV-1
20	**Katie Stagliano**	Very low avidity endogenous memory CD8+ T cells control tumor growth
21	**Kim Boelte**	TREML4 expression in myeloid cells: a mediator of disease?
22	**Lisa Ridnour**	Nitric oxide-mediated regulation of beta-amyloid clearance via alterations of MMP-9/TIMP-1

23	**Mike Nickerson**	TET2 integrates metabolic, mitochondrial, and hormonal signals and is frequently altered in metastatic prostate cancer
24	**Miranda Hanson**	Lactococcus lactis expressing IL-27: A potential therapeutic for inflammatory bowel disease.
25	**Nadya Tarasova**	Fully synthetic self-assembling tumor-targeted virus-like nanoparticles
26	**Pat Martin**	Partnership of HLA-B*57 and KIR3DL1in control of HIV
27	**Qiong Zhou**	Th17 cells boost CD4+FoxP3+ regulatory T cells
28	**Richard Apps**	Influence of HLA-C expression level on HIV control
29	**Robert Cheng**	Nitric oxide synthase inhibition increases radiation-induced tumor growth delay in a syngeneic mouse model through modulation of IL-10
30	**Romina Goldszmid**	Gut commensal bacteria determine cancer response to therapy by modulating systemic inflammation
31	**Rosi Salcedo**	Severe acute colitis and increased tumor formation is controlled by Mydd88 expressed in Cd11b+ cells and epithelial colonic cells
32	**Smita Kulkarni**	Genetic synergism between HLA-C and MIR148A in Hiv Control
33	**Steve Anderson**	Characterization of a weakly expressed KIR2DL1 allele supports a positive role for the KIR distal promoter in proximal KIR promoter activation
34	**Takashi Sato**	Study of oligodeoxynucleotides-conjugated polyketal nanoparticles to treat lung disease
35	**Teizo Yoshimura**	Crosstalk between tumor and stromal cells renders tumor cells as the primary source of monocyte chemoattractant protein-1/CCL2 in growing tumors
36	**Veron Ramsuran**	Allele specific variation in HLA-A gene expression and its effect on HIV viral load control
37	**Wei Shen**	T cell protection function in skin barrier
38	**Wenqing Li**	IL-7R: Oncogenic mutation in T-ALL and polymorphisms in MS
39	**Xiao-Jiang Gao**	HLA-A*11 association with nasopharyngeal carcinoma (NPC) in Southern China is modified by compound genotypes of HLA*11:02 and KIR2DS4
40	**Xin Chen**	Effective chemoimmunotherapy with anti-TGFβ antibody and cyclophosphamide in a mouse model of breast cancer
41	**Yang Li**	Inflammation-mediated genetic and epigenetic alterations drive cancer development in the neighboring epithelium upon stromal abrogation of TGF-b signaling
42	**Zack Howard**	Micro-RNAs expressed by subsets of myeloid-derived suppressor cells mediate myeloid cell functions