

Publications⁹ for the Period 10/01/08 - 09/30/09

The Cancer Cell Biology Program produced a total of 143 cancer-related publications from October 1, 2008 through September 30, 2009. Of these, 39 (27%) were inter-programmatic (*) publications; 6 (4%) were intra-programmatic (+) publications; and 9 (6%) were inter-/intra-programmatic (*+). Thus, there were 54 (38%) collaborative publications.

2009

- * **Ahmad A (CB)**, Ahmad S, Glover L, Miller SM, Shannon JM, Guo X, **Franklin WA (LHN)**, Bridges JP, **Schaack JB (MO)**, Colgan SP, White CW. Adenosine A2A receptor is a unique angiogenic target of HIF-2alpha in pulmonary endothelial cells. *Proc Natl Acad Sci U S A* 106(26):10684-10689, 2009. [PMC2705563]

- * Ahmad S, **Ahmad A (CB)**, Dremina ES, Sharov VS, Guo X, Jones TN, Loader JE, Tatreau JR, **Perraud AL (II)**, Schoneich C, Randell SH, White CW. Bcl-2 suppresses sarcoplasmic/endoplasmic reticulum Ca²⁺-ATPase expression in cystic fibrosis airways: role in oxidant-mediated cell death. *Am J Respir Crit Care Med* 179(9):816-826, 2009. [PMC2675566]

- * Alimova IN, **Liu B (CB)**, Fan Z, Edgerton SM, Dillon T, **Lind SE (DT)**, **Thor AD (HRM)**. Metformin inhibits breast cancer cell growth, colony formation and induces cell cycle arrest *in vitro*. *Cell Cycle* 8(6):909-915, 2009. [PMC - N/A]

- Allington TM, Galliher-Beckley AJ, **Schiemann WP (CB)**. Activated Abl kinase inhibits oncogenic transforming growth factor- β signaling and tumorigenesis in mammary tumors. *FASEB J*, Epub ahead of print, 2009. [PMC - In process]

- * Alsultan A, Goldenberg NA, Kaiser N, **Graham DK (CB)**, **Hays T (II)**. Tacrolimus as an alternative to cyclosporine in the maintenance phase of immunosuppressive therapy for severe aplastic anemia in children. *Pediatr Blood Cancer* 52(5):626-630, 2009. [PMC - N/A]

- Anwar A, Keating AK, Joung D, Sather S, Kim GK, Sawczyn KK, Brandão L, Henson PM, **Graham DK (CB)**. Mer tyrosine kinase (MerTK) promotes macrophage survival following exposure to oxidative stress. *J Leukoc Biol* 86(1):73-79, 2009. [PMC2704622]

- Avens HJ, **Bowman CN (CB)**. Development of fluorescent polymerization-based signal amplification for sensitive and non-enzymatic biodetection in antibody microarrays. *Acta Biomater*, Epub ahead of print, 2009. [PMC - In process]

- * Baumgartner JM, **Silliman CC (CB)**, Moore EE, Banerjee A, **McCarter MD (II)**. Stored red blood cell transfusion induces regulatory T cells. *J Am Coll Surg* 208(1):110-119, 2009. [PMC - N/A]

- Beckerman R, Donner AJ, Mattia M, Peart MJ, Manley JL, **Espinosa JM (CB)**, Prives C. A role for Chk1 in blocking transcriptional elongation of p21 RNA during the S-phase checkpoint. *Genes Dev* 23(11):1364-1377, 2009. [PMC2701578] **Cancer Cell Biology** Principal Investigator / Program Director (Last, First, Middle): Byers, T.E. (P30 CA046934)

- * Billups SC, **Neville MC (HRM)**, Rudolph M, Porter W, **Schedin P (CB)**. Identifying significant temporal variation in time course microarray data without replicates. *BMC Bioinformatics* 10:96, 2009. [PMC2682797]
- * Birks DK, **Kleinschmidt-DeMasters BK (II)**, Donson AM, Barton VN, **McNatt SA (CB)**, **Foreman NK (DT)**, Handler MH. Claudin 6 is a positive marker for atypical tetratoid/rhabdoid tumors. *Brain Pathol*, Epub ahead of print, 2009. [PMC - N/A]
- * Birlea SA, Laberge GS, Procopciuc LM, **Fain PR (LHN)**, **Spritz RA (CB)**. CTLA4 and generalized vitiligo: two genetic association studies and a meta-analysis of published data. *Pigment Cell Melanoma Res* 22(2):230-234, 2009. [PMC2745263]
- Boehm AL, Higgins J, **Franzusoff A (CB)**, Schlom J, Hodge JW. Concurrent vaccination with two distinct vaccine platforms targeting the same antigen generates phenotypically and functionally distinct T-cell populations. *Cancer Immunol Immunother*, Epub ahead of print, 2009. [PMC - N/A]
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- + Chen D, Lin Q, **Box N (CB)**, **Roop D (CB)**, Ishii S, Matsuzaki K, Fang T, Hornyak TJ, Reed JA, Stavnezer E, Timchenko NA, Medrano EE. SKI knockdown inhibits human melanoma tumor growth *in vivo*. *Pigment Cell Melanoma Res*, Epub ahead of print, 2009. [PMC - N/A]
- * Cheng L, You Q, Yin H, Holt M, **Franklin C (CB)**, **Ju C (II)**. Effect of polyI:C cotreatment on halothane-induced liver injury in mice. *Hepatology* 49(1):215-226, 2009. [PMC2636554]
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- * Das C, **Lucia MS (HRM)**, **Hansen KC (CB)**, **Tyler JK (MO)**. CBP/p300-mediated acetylation of histone H3 on lysine 56. *Nature* 459(7243):113-117, 2009. [PMC - In process]
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- * **Gault J (CB)**, Awad IA, Recksiek P, Shenkar R, Breeze R, Handler M, **Kleinschmidt-Demasters BK (II)** . Cerebral cavernous malformations: somatic mutations in vascular endothelial cells. *Neurosurgery* 65(1):138-144, 2009. [PMC2722441]
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