

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

The Molecular Oncology Program produced a total of 116 cancer-related publications from October 1, 2008 through September 30, 2009. Of these, 28 (24%) were inter-programmatic publications; 3 (3%) were intra-programmatic publications; and 5 (4%) were inter-/intra-programmatic. Thus, there were 36 (31%) 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]
- * Argast GM, Croy CH, Coutts KL, Zhang Z, Litman E, **Chan DC (DT,LHN)**, **Ahn NG (MO)**. Plexin B1 is repressed by oncogenic B-Raf signaling and functions as a tumor suppressor in melanoma cells. *Oncogene* 29(30):2697-2709, 2009. [PMC - In process]
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- Connaghan-Jones KD, **Bain DL (MO)**. Using thermodynamics to understand progesterone receptor function: method and theory. *Methods Enzymol* 455:41-70, 2009. [PMC - In process]
- Croy JE, Altschuler SE, Grimm NE, **Wuttke DS (MO)**. Nonadditivity in the recognition of single-stranded DNA by the schizosaccharomyces pombe protection of telomeres 1 DNA-binding domain, Pot1-DBD. *Biochemistry* 48(29):6864-6875, 2009. [PMC - In process]
- Croy JE, **Wuttke DS (MO)**. Insights into the dynamics of specific telomeric single-stranded DNA recognition by Pot1pN. *J Mol Biol* 387(4):935-948, 2009. [PMC - In process]
- Dalianis T, **Garcea RL (MO,II)**. Welcome to the Polyomaviridae. *Semin Cancer Biol* 19(4):209-210, 2009. [PMC - N/A]
- * 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]
- Duncan MW (MO)**. Place for biochemical markers in early-stage lung cancer detection? *J Clin Oncol* 27(17):2749-2750, 2009. [PMC - N/A]
- Erickson KD, **Garcea RL (MO,II)**, Tsai B. Ganglioside GT1b is a putative host cell receptor for the Merkel cell polyomavirus. *J Virol*, Epub ahead of print, 2009. [PMC2748031] **Molecular Oncology** Principal Investigator / Program Director (Last, first, middle): Byers, T.E. (P30 CA046934)

- * **Flaig TW (DT)**, Su LJ, McCoach C, Li Y, **Raben D (LHN,DT)**, **Varella-Garcia M (LHN)**, **Bemis LT (MO)**. Dual epidermal growth factor receptor and vascular endothelial growth factor receptor inhibition with vandetanib sensitizes bladder cancer cells to cisplatin in a dose- and sequence-dependent manner. *Mol Cancer Ther* 103(12):1729-1737, 2009. [PMC - In process]
- Fong N, Ohman M, **Bentley DL (MO)**. Fast ribozyme cleavage releases transcripts from RNA polymerase II and aborts co-transcriptional pre-mRNA processing. *Nat Struct Mol Biol* 16(9):916-922, 2009. [PMC - In process]
- Gangelhoff TA, Mungalachetty PS, Nix JC, **Churchill ME (MO)**. Structural analysis and DNA binding of the HMG domains of the human mitochondrial transcription factor A. *Nucleic Acids Res* 37(10):3153-3164, 2009. [PMC2691818]
- Gao H, Lukin K, Ramirez J, Fields S, Lopez D, **Hagman J (MO)**. Opposing effects of SWI/SNF and Mi-2/NuRD chromatin remodeling complexes on epigenetic reprogramming by EBF and Pax5. *Proc Natl Acad Sci U S A* 106(27):11258-11263, 2009. [PMC2708696]
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- * He J, Vora M, Haney RM, Filonov GS, Musselman CA, Burd CG, Kutateladze AG, **Verkhusha VV (CB)**, Stahelin RV, **Kutateladze TG (MO)**. Membrane insertion of the FYVE domain is modulated by pH. *Proteins* 76(4):852-860, 2009. [PMC - N/A]
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- * Horton T, Sposto R, Brown P, Reynolds CP, **Hunger SP (MO)**, Winick N, Raetz E, Carroll W, Arceci R, Borowitz M, Gaynon P, **Gore L (DT)**, Jeha S, Maurer B, Siegel S, Biondi A, Kearns P, Narendaren A, Silverman L, Smith M, Zwann M, Whitlock J. Toxicity assessment of new agents incorporated into induction regimens for pediatric acute lymphocytic leukemia (ALL): Results of an international consensus meeting. *Clin Cancer Res*, in press, 2009. [PMC - N/A]
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- Hunger SP (MO)**, Loh KM, Baker KS, Schultz KR. Controversies of and unique issues in hematopoietic cell transplantation for infant leukemia. *Biol Blood Marrow Transplant* 15(Suppl 1):79-83, 2009. [PMC - N/A]
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