

Publications and Presentations Pathology Residents & Fellows

In Preparation

- Bennett A, Tung B, Taylor S, Bronner M. Hepatic iron overload in Hepatitis C as possible synergetic risk factor for the development of hepatocellular carcinoma. (Pending)
- Chang A, Schuetze SM, Conrad III EU, Swisshelm KL, Norwood TH, and Rubin BP. Inflammatory leiomyosarcoma: a series of three cases providing additional insights into this very rare entity. Submitted to *Modern Pathol*.
- Chang A, Peutz-Kootstra CJ, Richardson C, Alpers CE. Expanding the pathologic spectrum of light chain deposition disease: a rare variant with clinical follow-up of 7 years. *Mod Pathol*, in revision.
- Chang A, Logar CM, Finn LS, Alpers CE, Seliger SL. A rare cause of necrotizing and crescentic glomerulonephritis in a young adult male. *Am J Kidney Dis*, in press
- Chang A, Peutz-Kootstra CJ, Kowalewska J, Logar CM, Gitomer J, Davis CL, Alpers CE, Smith KD. Acute granulomatous tubulointerstitial nephritis with tubular basement membrane immune complex deposition and peritubular giant cell reaction: a report of two patients after cardiac valve replacement surgery. Manuscript in preparation.
- Chang A, Kowalewska J, Smith KD, Nicosia RF, Alpers CE. A clinicopathologic study of thrombotic microangiopathy in the setting of primary glomerulonephritides. Submitted for 2005 USCAP meeting.
- Chang A, Kowalewska J, Smith KD, Nicosia RF, Alpers CE. A clinicopathologic study of renal manifestations after bone marrow transplantation. Submitted for 2005 USCAP meeting
- Chang A, Kowalewska J, Smith KD, Nicosia RF, Alpers CE. A clinicopathologic study of thrombotic microangiopathy in the setting of IgA nephropathy. Abstract submitted for 2005 USCAP meeting, San Antonio, TX
- Gandhi MJ, Strong DM: Cardiovascular tissues for transplantation. *Clinics Lab Med*, in-press
- Gandhi MJ, Pendergrass TW, Cummings CL, Ihara K, Blau CA, Drachman JG: Congenital amegakaryocytic thrombocytopenia in three siblings: molecular analysis of atypical clinical presentation. *Exp Hematol*, in-press
- Kowalewska J, Yuan S, Sustento-Reodica N, Nicosia RF, Smith KD, Davis CL, Alpers CE. IgA nephropathy with crescents in kidney transplant recipients. *Am J Kidney Dis*, in press.
- Manley GT, Rosenthal G, Lam M, Morabito D, Yan D, Derugin N, Bollen A, Knudson MM, Panter SS. Controlled cortical impact in swine: Pathophysiology and biomechanics. *Journal of Neurotrauma* (In second review).
- Lam MM, Corless CL, Goldblum JR, Heinrich MC, Downs-Kelly E, Rubin BP. Extragastrointestinal stromal tumors (EGISTs) presenting as vulvovaginal/rectovaginal septal masses: A diagnostic pitfall (Manuscript in preparation).
- Lam MM, Swanson PE, Upton MP, Yeh MM. Ovarian-type stroma in hepatobiliary mucinous cystadenoma and pancreatic mucinous cystic neoplasms: An immunohistochemical study (Manuscript in preparation).
- Lam MM, Parks WT, Fligner C. Massive hemoperitoneum attributed to Dieulafoy's vascular malformation and its pathogenesis (Manuscript in preparation).
- Nixon BK, Kussick SJ, Carlon MJ, Rubin BP. Intravascular large B cell lymphoma involving hemangiomas: An unusual presentation of a rare neoplasm. Submitted to *Modern Pathol*.
- Reyes M, Verfaillie CM. Adult stem cell plasticity. In *Clinical Bone Marrow and Bone Stem Cell Transplantation*, 3rd ed. Cambridge University Press. CA, USA. In Press.
- Reyes M, Li S, Kimura E, Chamberlain J. Donor origin of multipotent adult progenitor cells in radiation chimeras. Submitted.
- Li S, Kimura E, Reyes M, Chamberlain J. Stable transduction of myogenic cells with lentiviral vectors expressing a mini-dystrophin. Accepted by *Gene Therapy*.
- Verma P Desmoplastic ganglioglioma, report of a non-infantile case in a patient with Neurofibromatosis Type I: A case report and review of the literature. (Pending)
- Verma P Establishing criteria for grading of sub-squamous Barrett's dysplasia, study of 74 patients. (Pending)

- Wolgamot G, Olerud JE, Argenyi ZB. Clinical pathologic challenge: firm papules on lower extremities of a 52 year old male. *Am J Dermatopath*, in press.

2005

- Allison KH, Patel RM, Goldblum JR, Rubin BP. Superficial malignant peripheral nerve sheath tumors; a rare and challenging diagnosis. *Mod Pathol* 18:82A, 2005
- Lannutti BJ, Blake N, Gandhi MJ, Reems JA, Drachman JG: Induction of polyploidization in leukemic cell lines and primary bone marrow by Src kinase inhibitor SU6656. *Blood* 105:3875-78, 2005
- Heller PG, Glembotsky AC, Gandhi MJ, Cummings CL, Pirola CJ, Marta RF, Kornblihtt LI, Drachman JG, Molinas FC: Low Mpl receptor expression in a pedigree with familial platelet disorder with predisposition to acute myelogenous leukemia and a novel AML1 mutation. *Blood* 105:4664-70, 2005
- Gandhi MJ, Drachman JG, Reems JA, Thorning D, Lannutti BJ: A novel strategy for generating platelet-like fragments from megakaryocytic cell lines and human progenitor cells. *Blood Cells Molecules and Diseases*. Epub: May 26, 2005.
- Hoofnagle AN, Laha T, Rainey PM, and Sadrzadeh SMH. "Rapid specimen preparation for the detection of nicotine and metabolites in urine using liquid chromatography-tandem mass spectrometry." 2005 Annual Meeting of the College of American Pathologists, Chicago, IL.
- Hoofnagle AN, Laha T, Rainey PM, and Sadrzadeh SMH. "A rapid sample preparation technique for the LC/MS/MS quantitation of nicotine and metabolites in urine." 2005 Annual Meeting of the American Association for Clinical Chemistry, Orlando, FL.
- Hoofnagle AN. Error by an impaired staff member. *Laboratory Errors & Patient Safety*. 5:8-9, 2005
- Lam MM, Corless CL, Goldblum JR, Heinrich MC, Downs-Kelly E, Rubin BP. Extragastrintestinal stromal tumors (EGISTs) presenting as vulvovaginal/rectovaginal septal masses: A diagnostic pitfall. *Mod Pathol* 18: 190A, 2005
- Lam MM, Swanson PE, Upton MP, Yeh MM. Ovarian-type stroma in hepatobiliary mucinous cystadenoma and pancreatic mucinous cystic neoplasms: An immunohistochemical study. *Mod Pathol* 18: 283A
- Li N, Zook P, Argenyi Z. Primary cutaneous neuroendocrine cell tumor (Merkel cell carcinoma) with prominent tubulo-glandular features, mimicking eccrine carcinoma. Poster presentation, Annual Meeting, American Society of Dermatopathology (ASDP), 2005
- Li N, Argenyi Z, Sale G, Myerson D. Keratinocyte dysplasia in hematopoietic stem cell transplant recipients in the day 28 to 84 post transplant period. Poster presentation, Annual Meeting, ASDP, 2005
- Kayali Z, Ranguelov R, Mitros F, Shufelt C, Elmi F, Rayhill SC, Schmidt WN, Brown KE. Hemosiderosis is associated with accelerated decompensation and decreased survival of patients with cirrhosis. *Liver Int* 25:41-8, 2005
- Reyes M. Origin of MAPC in BM chimeras. Presentation at ASGT. St. Louis, 2005
- Reyes M. Origin of MAPC in BM chimeras. Presentation at Stem Cells Research. San Diego, 2005
- Smith JA, Schmechel S, Williams BRG, Silverman RH, Schiff LA. Involvement of the interferon-regulated antiviral proteins PKR and RNaseL in reovirus-induced shutoff of cellular translation. *J Virol* 79:2240-50, 2005
- Proskocil BJ, Sekhon HS, Clark JA, Lupo SL, Jia Y, Hull WM, Benowitz NL, Whitsett JA, Starcher BC, Spindel ER. Vitamin C supplementation prevents the effects of prenatal nicotine exposure on pulmonary function in newborn rhesus monkeys. *Am J Respir and Crit Care Med* 171:1032-1039, 2005
- Sekhon HS, Song P, Jia Y, Lindstrom J, Spindel ER. Expression of Lynx1 in developing lung and its modulation by prenatal nicotine exposure. *Cell Tissue Res* 320: 287-297, 2005
- Kazmierczak SC, Sekhon H, Richards C. False-positive troponin I measured with the Abbott AxSYM attributed to fibrin interference. *Int J Cardiol* 101: 27-31, 2005
- Slotkin TA, Seidler FJ, Qiao D, Aldridge JE, Tate CA, Cousins MM, Proskocil BJ, Sekhon HS, Clark JA, Lupo SL, Spindel ER. Effect of prenatal nicotine exposure on primate brain development and attempted amelioration with supplemental choline or vitamin C: neurotransmitter receptors, cell signaling and cell development biomarkers in fetal brain regions of Rhesus monkeys. *Neuropsychopharmacology* 30:129-144, 2005
- Migliaccio G, Di Baldassarre A, Di Rico C, Di Noia A, Nakamoto B, Cao H, Skarpidi E, Migliaccio AR. Spontaneous switch from Agamma- to beta-globin promoter activity in a stable transfected dual reporter vector. *Blood Cells Mol Dis* 34:174-80, 2005

- Howell C, Yuan S, Sthapanachai C. Dramatic response in a patient with *Plasmodium falciparum* infection and coma treated by automated erythrocytapheresis. Presentation at American Society for Apheresis, Annual Meeting. Chicago IL, 2005
- Rubin BP, Antonescu CR, Scott-Browne JP, Comstock ML, Gu Y, Tanas MR, Ware CB, Woodel J. A knock-in mouse model of gastrointestinal stromal tumor harboring kit K641E. *Cancer Res* 65:6631-9, 2005
- Toweill D, Upton M, Swanson P, Yeh M. Defective mismatch repair proteins in adenomas and adenocarcinomas of the small bowel: an immunohistochemical analysis. *Mod Pathol* 18:120A, 2005

2004

- Allison KH, Fligner CL, Park WT. Radiographically occult diffuse intra-sinusoidal hepatic metastases from primary breast carcinomas: A clinicopathologic study of three autopsy cases. *Arch Pathol Lab Med* 128:1418-23, 2004
- Allison KH, Yoder BJ, Bronner MP, Goldblum JR, Rubin BP. Angiosarcoma involving the gastrointestinal tract: a series of primary and metastatic cases. *Am J Surg Pathol* 28:298-307, 2004
- Chang A, Flo T, Strong R, Aderem A, Smith KD. Expression of lipocalin 2 in normal human tissues. *Mod Pathol* 17(S1):322A, 2004
- Debski R, Rutledge J, Kapur R. Plea for the masses: A gross room approach to pediatric tumors. *J Histotechnol* 27:221-228, 2004
- Debski R, Finn L, Patterson K, Rutledge J. Non-Celiac diseases diagnosed from duodenal biopsies in children with elevated tissue transglutaminase antibody. Platform Presentation; Society for Pediatric Pathology; Little Rock, Arkansas; 2004
- Jewell KD, Black DA, Bankson DD. Comparison of chemiluminescent and enzyme immunoassays for the detection of hepatitis B core antibody. ACLPS 39th Annual Meeting platform presentation, 2004
- Crawford YG, Gauthier ML, Joubel A, Mantei K, Kozakiewicz K, Afshari CA, Tylsty TD. Histologically normal human mammary epithelia with silenced p16(INK4a) overexpress COX-2, promoting a malignant program. *Cancer Cell* 5:263-73, 2004
- Rangelov RD, Swanson PE, Larson AM, Upton MP, Yeh MM. Phenotypic alterations of periportal hepatocytes in allograft liver: the utility of Cytokeratin 7 in ductopenic rejection. *Mod Pathol* 17:311A, 2004
- Reyes M. Myogenic differentiation of Multipotent Adult Progenitor Cells derived from bone marrow and muscle tissue. Presentation at ASGT, Minneapolis, MN, 2004
- Schmechel S, LeVasseur, Yang RK, Sabath D. Identification of genes whose expression patterns differ in benign lymphoid tissue and follicular, mantle cell, and small lymphocytic lymphoma. *Leukemia* 18:841-55 2004
- McShea A, Kumar A, Schmechel S. Custom DNA microarrays: powerful tools in the development and implementation of high throughput molecular diagnostics. *In Vitro Diagnostic Technology* 59:xxx, 2004
- Tirrell S. Image this! Imaging in the Gross Room. *J Histotechnology* 27:xxx, 2004
- Wolgamot G. *Skin Cutting Guidelines*. Used by residents and staff at the University of Washington, and available on the Department of Pathology website (2004): <http://www.pathology.washington.edu/academics/residency/guidelines/derm/skin.html>
- Wolgamot, G, Chien A, Kussick S, Olerud J, Argenyi Z. Anaplastic large cell lymphoma masquerading as an infectious syndrome. American Society of Dermatopathology Meeting, Boston, Massachusetts, 2004

2003

- Allison KH, Mann GN, Norwood TH, Rubin BP. An unusual case of multiple giant myelolipomas: clinical and pathogenetic implications. *Endocr Pathol* 14:93-100; 2003.
- Hassan A, Bennett A, Bhalla S, Ylagan LR, Mutch D, Dehner LP. Paraganglioma of the vagina: report of a case, including immunohistochemical and ultrastructural findings. *Int J Gynecol Pathol* 22:404-6, 2003
- Chang A, Kowalewska J, Limaye AP, Davis CL, Nicosia RF, Alpers CE, Smith KD. CD3 and CD20 immunohistochemistry of renal transplant biopsies with polyoma virus-associated nephritis or acute allograft rejection. *Mod Pathol* 16:266A, 2003

- Jewell KD, Swanson PE, Garcia RL, Agoff SN. Immunohistochemical profile of gynecologic neoplasms with an emphasis on Fallopian tube and serous carcinomas. USCAP 92nd Annual Meeting poster presentation, 2003
- Kowalewska J, Tomford RC, Alpers CE. Crystals in podocytes – an unusual manifestation of systemic disease. *Am J Kidney Dis* 42:605-11, 2003
- Shim V, Gauthier ML, Sudilovsky D, Mantei K, Chew KL, Moore DH, Cha I, Tlsty TD, Esserman LJ. Cyclooxygenase-2 expression is related to nuclear grade in ductal carcinoma in situ and is increased in its normal adjacent epithelium. *Cancer Res* 63:2347-50, 2003
- Nixon B. A pediatric pathologist must know left from right: a case of heterotaxy. *Pediatr Dev Pathol* 6:108-9, 2003
- Nixon B, Rubin BP, Kussick SJ, Carlon MJ. Intravascular large B cell lymphoma involving hemangiomas: an unusual presentation of a rare neoplasm. Poster presentation, USCAP Meeting, March 2003
- Ranguelov RD, Robinson RA. Pathologic quiz case: A 79-year-old woman with an asymptomatic oropharyngeal mass. *Arch Pathol Lab Med* 127:e53-55, 2003
- Reyes M. Coentrapment of MAPC-derived smooth muscle and endothelial cells for tissue-engineered arteries. Presentation at ASH, San Diego, CA, 2003
- Schmechel S, Koehler KM, Yang KH, Sabath DE. Identification of genes whose expression patterns distinguish low-grade lymphomas. Presentation at Academy of Clinical Laboratory Physicians and Scientists Annual Meeting, 2003
- Skarpidi E, Cao H, Heltweg B, White BF, Marhenke RL, Jung M, Stamatoyannopoulos G. Hydroxamide derivatives of short-chain fatty acids are potent inducers of human fetal globin gene expression. *Exp Hematol* 31:197-203, 2003
- Swank RA, Skarpidi E, Papayannopoulou T, Stamatoyannopoulos G. The histone deacetylase inhibitor, trichostatin A, reactivates the developmentally silenced gamma globin expression in somatic cell hybrids and induces gamma gene expression in adult BFUe cultures. *Blood Cell Mol Dis* 30:254-7, 2003
- Mallory MA, Sthapanachai C, Kowdley KV. Iron overload related to excessive vitamin C intake. *Ann Intern Med* 139:532-3, 2003
- Toweill DL, Kovarik WD, Carr R, Kaplan D, Lai S, Bratton S, Goldstein B. Linear and nonlinear analysis of heart rate variability during propofol anesthesia for short-duration procedures in children. *Pediatric Critical Care Medicine*. 4:308-14, 2003

2002

- Agoff SN, Mendelin JE, Grieco VS, Garcia RL. Unexpected gynecologic neoplasms in patients with proven or suspected BRCA-1 or -2 mutations: implications for gross examination, cytology, and clinical follow-up. *Am J Surg Pathol* 26:171-8, 2002
- Mendelin JE, Agoff SN, Grieco VS, Garcia RL. Unexpected histologic and cytologic findings at hysterectomy in patients with proven or suspected BRCA1 or 2 mutations. USCAP Meeting, Chicago, Illinois, 2002
- Nixon B, Dean T, Agoff SN, Grieco V. The use of glacial acetic acid to reprocess unsatisfactory ThinPrep pap specimens. Poster presentation, USCAP Meeting, 2002
- Nixon B, Patterson K, Finn L. A comparison of the methods used to detect neuroblastoma in bone marrow. Platform presentation, Society for Pediatric Pathology Interim Meeting, Dallas, TX, 2002
- Grossman DC, Baldwin LM, Casey S, Nixon B, Hollow W, Hart LG. Disparities in infant health among American Indians and Alaska natives in U.S. metropolitan areas. *Pediatrics* 109:627-33, 2002
- Agoff SN, Dean T, Nixon BK, Ingalls-Severn K, Rinker L, Grieco VS. The efficacy of reprocessing unsatisfactory cervicovaginal ThinPrep specimens with and without glacial acetic acid: effect on Hybrid Capture II human papillomavirus testing and clinical follow-up. *Am J Clin Pathol* 118:727-732, 2002
- Ranguelov RD, Rosenthal N, Bromley C, Vasef MA. Detection of factor V leiden and prothrombin gene mutations in patients who died with thrombotic events. *Arch Pathol Lab Med* 126:1193-6, 2002