ANATOMIC PATHOLOGY

Rania Bakkar, MD

Intact PTEN Expression by Immunohistochemistry is Associated With Decreased Survival in Advanced Stage Ovarian/Primary Peritoneal High-grade Serous Carcinoma.

Bakkar RM, Xie SS, Urbauer DL, Djordjevic B, Vu K, Broaddus RR.


PMID:26166715

Retrospective Review of MET Gene Mutations.


PMID:26097886

Thérèse J. Bocklage, MD


Book Chapters:


**Douglas P Clark, MD**

*Trametinib with and without pazopanib has potent preclinical activity in thyroid cancer.*
PMID:26324075

**Edgar Fischer, MD PhD**

*Prostate field cancerization: deregulated expression of macrophage inhibitory cytokine 1 (MIC-1) and platelet derived growth factor A (PDGF-A) in tumor adjacent tissue.*
PMID:25767870

**Book Chapters:**


Joshua A. Hanson, MD


Nancy Joste, MD


Anal cancer screening in men who have sex with men in the multicenter AIDS Cohort Study.

Book Chapters:


Lesley C. Lomo, MD

Book Chapters:


Samuel J. Reynolds, MD

Book Chapters:


Von G. Samedi, PhD, MD

**Blockade of MK2 is protective in inflammation-associated colorectal cancer development.**
Ray AL, Castillo EF, Morris KT, Nofchissey RA, Weston LL, Samedi VG, Hanson JA, Gaestel M, Pinchuk IV, Beswick EJ.
PMID:26238259

**Anti-G-CSF treatment induces protective tumor immunity in mouse colon cancer by promoting protective NK cell, macrophage and T cell responses.**
Morris KT, Castillo EF, Ray AL, Weston LL, Nofchissey RA, Hanson JA, Samedi VG, Pinchuk IV, Hudson LG, Beswick EJ.
Oncotarget. 2015 Sep 8;6(26):22338-47.
PMID:26061815

**Recurrent abdominal pain in a patient with Down syndrome.**
Venner A, Kaza A, Samedi VG.
PMID:25840924

Karen S. SantaCruz, MD

**A Novel Preclinical Model of Moderate Primary Blast-Induced Traumatic Brain Injury.**
Divani AA, Murphy AJ, Meints J, Sadeghi-Bazargani H, Nordberg J, Monga M, Low WC, Bhatia PM, Beilman GJ, SantaCruz KS.
PMID:25585201

**A case of globular glial tauopathy presenting clinically as alzheimer disease.**
SantaCruz KS, Rottunda SJ, Meints JP, Bearer EL, Bigio EH, McCartney JR.
PMID:23751368
PMID: 26377682

Book Chapters:
SantaCruz K. High grade glioma. in Molecular Oncology, Vasef/Auerbach (2014-2015), Amirsys book chapter

SantaCruz K. Low grade astrocytoma. in Molecular Oncology, Vasef/Auerbach (2014-2015), Amirsys book chapter

SantaCruz K. Oligodendroglioma. in Molecular Oncology, Vasef/Auerbach (2014-2015), Amirsys book chapter

SantaCruz K. Meningioma. in Molecular Oncology, Vasef/Auerbach (2014-2015), Amirsys book chapter

SantaCruz K. Pilocytic astrocytoma. in Molecular Oncology, Vasef/Auerbach (2014-2015), Amirsys book chapter
FORENSIC PATHOLOGY

Sarah L. Lathrop PhD, DVM


Kurt B. Nolte, MD

Variable Classification of Drug-Intoxication Suicides across US States: A Partial Artifact of Forensics?
Rockett IR, Hobbs GR, Wu D, Jia H, Nolte KB, Smith GS, Putnam SL, Caine ED.
PMID:26295155

Precipitating Circumstances of Suicide and Alcohol Intoxication Among U.S. Ethnic Groups.
Caetano R, Kaplan MS, Huguet N, Conner K, McFarland BH, Giesbrecht N, Nolte KB.
PMID:26173709

Comparative Analysis of the Public Health Role of Two Types of Death Investigation Systems in Texas: Application of Essential Services.
Drake SA, Cron SG, Giardino A, Trevino V, Nolte KB.
PMID:25786511

HEMATOPATHOLOGY

Devon Chabot-Richards MD


Books and Book Chapters:


David R. Czuchlewski MD

Significance of MYD88 L265P Mutation Status in the Subclassification of Low-Grade B-Cell Lymphoma/Leukemia.
Insuasti-Beltran G, Gale JM, Wilson CS, Foucar K, Czuchlewski DR.
PMID:26230596

Books and Book Chapters:
Czuchlewski D. and Reichard KK. Acute Myeloid Leukemia With t(8;21); RUNX1-RUNX1T1. In: Vasef MA, ed. Diagnostic Pathology: Molecular Oncology. Salt Lake City, Utah: Amirsys, 2015.

Czuchlewski D. and Reichard KK. Acute Myeloid Leukemia With inv(16) or t(16;16); CBFB-MYH11. In: Vasef MA, ed. Diagnostic Pathology: Molecular Oncology. Salt Lake City, Utah: Amirsys, 2015.

Czuchlewski D. and Reichard KK. Acute Myeloid Leukemia With t(9;11); MLLT3-KMT2A. In: Vasef MA, ed. Diagnostic Pathology: Molecular Oncology. Salt Lake City, Utah: Amirsys, 2015.


Czuchlewski D. and Reichard KK. Acute Myeloid Leukemia With inv(3) or t(3;3); RPN1-MECOM. In: Vasef MA, ed. Diagnostic Pathology: Molecular Oncology. Salt Lake City, Utah: Amirsys, 2015.

Czuchlewski D. Acute Myeloid Leukemia With t(1;22); RBM15-MKL1. In: Vasef MA, ed. Diagnostic Pathology: Molecular Oncology. Salt Lake City, Utah: Amirsys, 2015.


Kathryn Foucar MD

Significance of MYD88 L265P Mutation Status in the Subclassification of Low-Grade B-Cell Lymphoma/Leukemia.
PMID:26230596

PMID:26071463

Acute Myeloid Leukemia With Recurrent Cytogenetic Abnormalities.
PMID:26071458

Book Chapters:

Tracy I. George MD

PMID:26476479

PMID:25780007

PMID:25780004

Book Chapters:

Other writings and scholarly products (not abstracts):


Mohammad A. Vasef MD

Template for Reporting Results of Biomarker Testing of Specimens From Patients With Myeloproliferative Neoplasms.
Kelley TW, Arber DA, Gibson C, Jones D, Khoury JD, Medeiros BC, O'Malley DP, Patel KP, Pilichowska M, Vasef MA, Wallentine J, Zehnder JL; Members of the Cancer Biomarker Reporting Committee, College of American Pathologists.
PMID:26653364

Template for Reporting Results of Monitoring Tests for Patients With Chronic Myelogenous Leukemia (BCR-ABL1).
Kelley TW, Arber DA, Gibson C, Jones D, Khoury JD, Medeiros BC, O'Malley DP, Patel KP, Pilichowska M, Vasef MA, Wallentine J, Zehnder JL; Members of the Cancer Biomarker Reporting Committee, College of American Pathologists.
PMID:26653363

Recommendations for gross examination and sampling of surgical specimens of the spleen.
PMID:26143481

Books and Book Chapters:


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**Carla S. Wilson, MD PhD**

*Significance of MYD88 L265P Mutation Status in the Subclassification of Low-Grade B-Cell Lymphoma/Leukemia.*

*Extramedullary Manifestations of Myeloid Neoplasms.*

**Books and Book Chapters:**

**Kendall P. Crookston MD PhD**

**Transfusion reaction identification and management at the bedside.**
PMID:25723832

**Karissa Culbreath PhD**

**Improved Phenotype-Based Definition for Identifying Carbapenemase Producers among Carbapenem-Resistant Enterobacteriaceae.**
PMID:26290955

**Balancing Enthusiasm for Innovative Technologies with Optimizing Value: An Approach to Adopt New Laboratory Tests for Infectious Diseases Using Bloodstream Infections as Exemplar.**
PMID:26180826

**Evelyn L. Lockhart MD**

**Postpartum hemorrhage: a continuing challenge.**
PMID:26637712

**Autologous platelet-rich plasma: evidence for clinical use.**
PMID:26390166

**In response.**
PMID:25790218
The use of autologous platelet-rich plasma in the orthopedic setting.
Cohn CS, Lockhart E, McCullough JJ.
PMID:25646697

Book Chapters:


Stephen A. Young PhD

Buchan BW, Reymann GC, Granato PA, Alkins BR, Jim P, Young S.
PMID:26468498


DOI: 10.1371/journal.pone.0119447, 2015

Comparison of the Vidas C. difficile GDH Automated Enzyme-Linked Fluorescence Immunoassay (ELFA) with Another Commercial Enzyme Immunoassay (EIA) (Quik Chek-60), Two Selective Media, and a PCR Assay for gluD for Detection of Clostridium difficile in Fecal Samples.
Davies KA, Berry CE, Morris KA, Smith R, Young S, Davis TE, Fuller DD, Buckner RJ, Wilcox MH.
PMID:25788549

MEDICAL LABORATORY SCIENCES
No publications in 2015
RESEARCH

Elaine Bearer MD PhD

**A simple rapid process for semi-automated brain extraction from magnetic resonance images of the whole mouse head.**
Delora A, Gonzales A, Medina CS, Mitchell A, Mohed AF, Jacobs RE, Bearer EL.
PMID:26455644

**A case of globular glial tauopathy presenting clinically as alzheimer disease.**
SantaCruz KS, Rottunda SJ, Meints JP, Bearer EL, Bigio EH, McCarten JR.
PMID:23751368

**Towards a Role for Clinical Pathology Diagnostics for Childhood Maltreatment.**
Bearer EL, Ji J, Trickett P, Kaplan CD, Mennen F.
PMID:26640822

Tione Buranda PhD

**Quantitative bead-based flow cytometry for assaying Rab7 GTPase interaction with the Rab-interacting lysosomal protein (RILP) effector protein.**
Agola JO, Sivalingam D, Cimino DF, Simons PC, Buranda T, Sklar LA, Wandinger-Ness A.
PMID:25800855

**Elevated cytokines, thrombin and PAI-1 in severe HCPS patients due to Sin Nombre virus.**
PMID:25674766

Judy Cannon PhD

**Mast cells and dendritic cells form synapses that facilitate antigen transfer for T cell activation.**
PMID:26304724
Bringing statistics up to speed with data in analysis of lymphocyte motility.
Letendre K, Donnadieu E, Moses ME, Cannon JL.
PMID:25973755


I-ming Chen DVM MS

Rise and fall of subclones from diagnosis to relapse in pediatric B-acute lymphoblastic leukemia.
PMID:25790293

Alexandre Chigaev PhD

Does aberrant membrane transport contribute to poor outcome in adult acute myeloid leukemia?
Chigaev A.
PMID:26191006

CXCL12-induced VLA-4 activation is impaired in trisomy 12 chronic lymphocytic leukemia cells: a role for CCL21.
PMID:25895128
Relationship of light scatter change and Cdc42-regulated actin status.
Hong L, Chavez S, Smagley Y, Chigaev A, Sklar LA.
PMID:25641607

The evaluation of thioridazine as a hematopoietic progenitor cell mobilizing agent in healthy human subjects.
PMID:25511480

Cédric Cleyrat PhD

Note: Time-gated 3D single quantum dot tracking with simultaneous spinning disk imaging.
DeVore MS, Stich DG, Keller AM, Cleyrat C, Phipps ME, Hollingsworth JA, Lidke DS, Wilson BS, Goodwin PM, Werner JH.
PMID:26724083

Secretory autophagy.
Ponpuak M, Mandell MA, Kimura T, Chauhan S, Cleyrat C, Deretic V.
PMID:25988755

Three dimensional time-gated tracking of non-blinking quantum dots in live cells.
PMID:25932286

Bruce S. Edwards PhD

Edwards BS, Sklar LA.
PMID:25805180
Gravitt PE.
PMID:26320258

HPV genotype distribution in older Danish women undergoing surgery due to cervical cancer.
Hammer A, Mejlgaard E, Gravitt P, Høgdall E, Christiansen P, Steiniche T, Blaakaer J.
PMID:26300424

Prevalence and correlates of oral human papillomavirus infection among healthy males and females in Lima, Peru.
Rosen BJ, Walter L, Gilman RH, Cabrerra L, Gravitt PE, Marks MA.
PMID:26275415

Seroepidemiology of Human Papillomavirus 16 (HPV16) L2 and Generation of L2-Specific Human Chimeric Monoclonal Antibodies.
PMID:25972404

Prevalence and correlates of HPV among women attending family-planning clinics in Thailand.
PMID:25887797

Correlates of anal sex roles among Malay and Chinese MSM in Kuala Lumpur, Malaysia.
Dangerfield DT 2nd, Gravitt P, Rompalo AM, Tai R, Lim SH.
PMID: 25887064

Global epidemiology of hysterectomy: possible impact on gynecological cancer rates.
Hammer A, Rositch AF, Kahlert J, Gravitt PE, Blaakaer J, Søgaard M.
PMID:25724402
Patient concerns about human papillomavirus testing and 5-year intervals in routine cervical cancer screening.

Richard C. Harvey PhD

Rise and fall of subclones from diagnosis to relapse in pediatric B-acute lymphoblastic leukaemia.

RasGRP1 overexpression in T-ALL increases basal nucleotide exchange on Ras rendering the Ras/PI3K/Akt pathway responsive to protumorigenic cytokines.

Donna Kusewitt DVM PhD

Increased Susceptibility to Skin Carcinogenesis Associated with a Spontaneous Mouse Mutation in the Palmitoyl Transferase Zdhhc13 Gene.

Richard S. Larson MD PhD

Rapid detection of Ebola virus with a reagent-free, point-of-care biosensor.

**Book Chapters:**


**Diane S. Lidke PhD**

**Note: Time-gated 3D single quantum dot tracking with simultaneous spinning disk imaging.**

**Orchestration of ErbB3 signaling through heterointeractions and homointeractions.**

**Enhanced dimerization drives ligand-independent activity of mutant epidermal growth factor receptor in lung cancer.**

**Mast cells and dendritic cells form synapses that facilitate antigen transfer for T cell activation.**

**Three dimensional time-gated tracking of non-blinking quantum dots in live cells.**
Resolution improvement by 3D particle averaging in localization microscopy.
Broeken J, Johnson H, Lidke DS, Liu S, Nieuwenhuizen RP, Stallinga S, Lidke KA, Rieger B.
PMID:25866640

Sequential superresolution imaging of multiple targets using a single fluorophore.
Valley CC, Liu S, Lidke DS, Lidke KA.
PMID:25860558

Effect of phosphorylation on EGFR dimer stability probed by single-molecule dynamics and FRET/FLIM.
PMID:25762314

Quantum dots for quantitative imaging: from single molecules to tissue.
Vu TQ, Lam Wy, Hatch EW, Lidke DS.
PMID:25620410

Dennis J. McCance PhD

HPV16 Down-Regulates the Insulin-Like Growth Factor Binding Protein 2 to Promote Epithelial Invasion in Organotypic Cultures.
Pickard A, McDade SS, McFarland M, McCluggage WG, Wheeler CM, McCance DJ.
PMID:26107517

p63 drives invasion in keratinocytes expressing HPV16 E6/E7 genes through regulation of Src-FAK signalling.
Srivastava K, Pickard A, McDade S, McCance DJ.
Oncotarget. 2015 May 7. [Epub ahead of print]
PMID:26001294

IGF-Binding Protein 2 - Oncogene or Tumor Suppressor?
Pickard A, McCance DJ.
PMID:25774149
Larry A. Sklar PhD

**Novel Activities of Select NSAID R-Enantiomers against Rac1 and Cdc42 GTPases.**
PMID:26558612

**Discovery of Small-Molecule Nonfluorescent Inhibitors of Fluorogen-Fluorogen Activating Protein Binding Pair.**
PMID:26442911

**A Pan-GTPase Inhibitor as a Molecular Probe.**
PMID:26247207

**R-Ketorolac Targets Cdc42 and Rac1 and Alters Ovarian Cancer Cell Behaviors Critical for Invasion and Metastasis.**
PMID:26206334

**A Novel Pharmacologic Activity of Ketorolac for Therapeutic Benefit in Ovarian Cancer Patients.**
PMID:26071482

**Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes.**
PMID:26046436
**Flow Cytometry: Impact on Early Drug Discovery.**
Edwards BS, Sklar LA.
PMID:25805180

**Quantitative bead-based flow cytometry for assaying Rab7 GTPase interaction with the Rab-interacting lysosomal protein (RILP) effector protein.**
Agola JO, Sivilingam D, Cimino DF, Simons PC, Buranda T, Sklar LA, Wandinger-Ness A.
PMID:25800855

**Relationship of light scatter change and Cdc42-regulated actin status.**
Hong L, Chavez S, Smagley Y, Chigaev A, Sklar LA.
PMID:25641607

**The evaluation of thioridazine as a hematopoietic progenitor cell mobilizing agent in healthy human subjects.**
PMID:25511480

**Pharmaceutical screen identifies novel target processes for activation of autophagy with a broad translational potential.**

**Book Chapters:**

**Mara P. Steinkamp PhD**

**Spatial modeling of drug delivery routes for treatment of disseminated ovarian cancer.**
Cancer Res. 2015 Dec 30. pii: canres.1620.2015. [Epub ahead of print]
PMID:26719526
**Orchestration of ErbB3 signaling through heterointeractions and homointeractions.**
PMID:26378253

**Enhanced dimerization drives ligand-independent activity of mutant epidermal growth factor receptor in lung cancer.**
Valley CC, Arndt-Jovin DJ, Karedla N, Steinkamp MP, Chizhik AI, Hlavacek WS, Wilson BS, Lidke KA, Lidke DS.
PMID:26337388

**Angela Wandinger-Ness PhD**

**Novel Activities of Select NSAID R-Enantiomers against Rac1 and Cdc42 GTPases.**
PMID:26558612

**Epithelial Cell Repopulation and Preparation of Rodent Extracellular Matrix Scaffolds for Renal Tissue Development.**
PMID:26327609

**A Pan-GTPase Inhibitor as a Molecular Probe.**
PMID:26247207

**R-Ketorolac Targets Cdc42 and Rac1 and Alters Ovarian Cancer Cell Behaviors Critical for Invasion and Metastasis.**
PMID:26206334

**A Novel Pharmacologic Activity of Ketorolac for Therapeutic Benefit in Ovarian Cancer Patients.**
Dual-Purpose Bioreactors to Monitor Noninvasive Physical and Biochemical Markers of Kidney and Liver Scaffold Recellularization.
PMID:25929317

Quantitative bead-based flow cytometry for assaying Rab7 GTPase interaction with the Rab-interacting lysosomal protein (RILP) effector protein.
PMID:25800855

Constrained Inference of Protein Interaction Networks for Invadopodium Formation in Cancer.

Cosette Wheeler PhD

Progression of HPV infection to detectable cervical lesions or clearance in adult women: Analysis of the control arm of the VIVIANE study.
PMID:26685704

Variation in Screening Abnormality Rates and Follow-Up of Breast, Cervical and Colorectal Cancer Screening within the PROSPR Consortium.
PMID:26658934

Detection of HPV DNA in paraffin-embedded cervical samples: a comparison of four genotyping methods.
PMID:26607224
Usability Testing of an HPV Information Website for Parents and Adolescents.
Starling R, Nodulman JA, Kong AS, Wheeler CM, Buller DB, Woodall WG.
PMID:26594313

Risk Stratification Using Human Papillomavirus Testing among Women with Equivocally Abnormal Cytology: Results from a State-Wide Surveillance Program.
Cancer Epidemiol Biomarkers Prev. 2015 Oct 30. [Epub ahead of print]
PMID:26518316

Inefficiencies and High-Value Improvements in U.S. Cervical Cancer Screening Practice: A Cost-Effectiveness Analysis.
PMID:26414147

Fewer than three doses of HPV vaccine - Authors' reply.
Kreimer AR, Struyf F, Hildesheim A, David MP, Wheeler CM; all authors of the manuscript.
PMID:26370346

HPV16 Down-Regulates the Insulin-Like Growth Factor Binding Protein 2 to Promote Epithelial Invasion in Organotypic Cultures.
Pickard A, McDade SS, McFarland M, McCluggage WG, Wheeler CM, McCance DJ.
PMID:26107517

Efficacy of fewer than three doses of an HPV-16/18 AS04-adjuvanted vaccine: combined analysis of data from the Costa Rica Vaccine and PATRICIA trials.
PMID:26071347

Prevalent high-risk HPV infection and vaginal microbiota in Nigerian women.
PMID:26062721

Primary endpoints for future prophylactic human papillomavirus vaccine trials: towards infection and immunobridging.
Lowy DR, Herrero R, Hildesheim A; Participants in the IARC/NCI workshop on Primary Endpoints for Prophylactic HPV Vaccine Trials.
Investigating stakeholder attitudes and opinions on school-based human papillomavirus vaccination programs.
PMID:25846308

Efficacy of human papillomavirus 16 and 18 (HPV-16/18) AS04-adjuvanted vaccine against cervical infection and precancer in young women: final event-driven analysis of the randomized, double-blind PATRICIA trial.
PMID:25651922

The Interpretive Variability of Cervical Biopsies and Its Relationship to HPV Status.
PMID:25602796

Cheryl L. Willman MD

Efficacy of Retinoids in IKZF1-Mutated BCR-ABL1 Acute Lymphoblastic Leukemia.
PMID:26321221

Prognostic significance of minimal residual disease in high risk B-ALL: a report from Children's Oncology Group study AALL0232.
PMID:26124497
Erk Negative Feedback Control Enables Pre-B Cell Transformation and Represents a Therapeutic Target in Acute Lymphoblastic Leukemia.
PMID:26073130

Cell signaling-based classifier predicts response to induction therapy in elderly patients with acute myeloid leukemia.
PMID:25884949

Signalling thresholds and negative B-cell selection in acute lymphoblastic leukaemia.
PMID:25799995

Rise and fall of subclones from diagnosis to relapse in pediatric B-acute lymphoblastic leukaemia.
PMID:25790293

Prognostic significance of NPM1 mutations in the absence of FLT3-internal tandem duplication in older patients with acute myeloid leukemia: a SWOG and UK National Cancer Research Institute/Medical Research Council report.
PMID:25713434
Bridget S. Wilson PhD

Spatial modeling of drug delivery routes for treatment of disseminated ovarian cancer.
Cancer Res. 2015 Dec 30. pii: canres.1620.2015. [Epub ahead of print]
PMID:26719526

Orchestration of ErbB3 signaling through heterointeractions and homointeractions.
PMID:26378253

Enhanced dimerization drives ligand-independent activity of mutant epidermal growth factor receptor in lung cancer.
Valley CC, Arndt-Jovin DJ, Karedla N, Steinkamp MP, Chizhik AI, Hlavacek WS, Wilson BS, Lidke KA, Lidke DS.
PMID:26337388

Membrane-mediated regulation of the intrinsically disordered CD3ε cytoplasmic tail of the TCR.
López CA, Sethi A, Goldstein B, Wilson BS, Gnanakaran S.
PMID:25992726

Three dimensional time-gated tracking of non-blinking quantum dots in live cells.
PMID:25932286
No publications in 2015

Foot Note:

The “UNM Department of Pathology: Faculty Publications for Calendar Year 2015, sorted by Divisions” was prepared 3.2.2016 by Barbara B. Griffith, under the direction of Dr. Douglas Clark, Harvey Chair of Pathology.

Calendar Year 2015 publications were defined thus:

- Includes e-publications in 2015 and print publications in 2015
- If an article was e-published in 2014 and print published in 2015, then the article is excluded from the 2015 publication list
- Includes books and book chapters published in 2015
- Does not include abstracts
- Does not include patents