


Stanford



Robert West

Professor of Pathology at the Stanford University Medical Center

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Surgical Pathology**

300 Pasteur Dr Rm H2110

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Stanford, CA 94305

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Phyllis Bettencourt

Email phyllis2@stanford.edu

Bio

CLINICAL FOCUS

- Breast Cancer
- Breast pathology
- Anatomic Pathology
- Pathology and Laboratory Medicine

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Pathology
- Member, Bio-X
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Co-Director, Immunodiagnosis Laboratory, Stanford University Medical Center, (2003- present)

PROFESSIONAL EDUCATION

- Medical Education: Washington University School Of Medicine Registrar (1999) MO
- Board Certification: Pathology, American Board of Pathology (2014)
- Board Certification: Anatomic Pathology, American Board of Pathology (2003)
- Fellowship: Stanford Hospital and Clinics (2003) CA
- Residency: Stanford Hospital and Clinics (2002) CA
- M.D., Washington University , Medicine (1999)
- Ph.D., Washington University , Immunology (1999)
- B.S., Brown University , Biology (1990)

LINKS

- West Lab: <https://med.stanford.edu/west.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My laboratory's research examines the molecular events that lead to and sustain tumorigenesis, with a focus on breast cancer. Current research interests include:

- 1) Genomic sequencing of breast cancer evolution.
- 2) Identification of driver mutations in head and neck cancers.
- 3) Genome wide analysis of lower urinary tract pathology.

CLINICAL TRIALS

- Molecular and Cellular Analysis of Breast Cancer, Recruiting
- Dabrafenib and Trametinib in Treating Patients With BRAF Mutated Ameloblastoma, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Peipei Lu, Belén Rivero Gutiérrez, Siri Strand

Doctoral Dissertation Co-Advisor (AC)

Kai Xun Joshua Tay

Doctoral Dissertation Reader (NonAC)

Hunter Boyce

Postdoctoral Research Mentor

Belén Rivero Gutiérrez

Publications

PUBLICATIONS

- **MYB-activated models for testing therapeutic agents in adenoid cystic carcinoma.** *Oral oncology*
Jiang, Y., Gao, R., Cao, C., Forbes, L., Li, J., Freeberg, S., Fredenburg, K. M., Justice, J. M., Silver, N. L., Wu, L., Varma, S., West, R., Licht, et al
2019; 98: 147–55
- **Gene-expression profiling of single cells from archival tissue with laser-capture microdissection and Smart-3SEQ.** *Genome research*
Foley, J. W., Zhu, C., Jolivet, P., Zhu, S. X., Lu, P., Meaney, M. J., West, R. B.
2019
- **Race and risk of subsequent aggressive breast cancer following ductal carcinoma in situ.** *Cancer*
Liu, Y., West, R., Weber, J. D., Colditz, G. A.
2019
- **Increased Galectin-1 Expression in Thymic Epithelial Tumors** *CLINICAL LUNG CANCER*
Riess, J. W., Kong, C. S., West, R. B., Padda, S. K., Neal, J. W., Wakelee, H. A., Le, Q.

2019; 20 (3): E356–E361

- **YAP-independent mechanotransduction drives breast cancer progression** *NATURE COMMUNICATIONS*
Lee, J. Y., Chang, J. K., Dominguez, A. A., Lee, H., Nam, S., Chang, J., Varma, S., Qi, L. S., West, R. B., Chaudhuri, O.
2019; 10
- **The HTN3-MSANTD3 Fusion Gene Defines a Subset of Acinic Cell Carcinoma of the Salivary Gland** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Andreasen, S., Varma, S., Barasch, N., Thompson, L. R., Miettinen, M., Rooper, L., Stelow, E. B., Agander, T. K., Seethala, R. R., Chiosea, S. I., Homoe, P., Wessel, I., Larsen, et al
2019; 43 (4): 489–96
- **Systematic Analysis of GATA3 Expression in 530 Primary Mesenchymal Neoplasms**
Wei, C., Charville, G., Bean, G., Troxell, M., Allison, K., Van de Rijn, M., West, R.
NATURE PUBLISHING GROUP.2019
- **Systematic Analysis of GATA3 Expression in 530 Primary Mesenchymal Neoplasms**
Wei, C., Charville, G., Bean, G., Troxell, M., Allison, K., Van de Rijn, M., West, R.
NATURE PUBLISHING GROUP.2019
- **Most canine ameloblastomas harbor HRAS mutations, providing a novel large-animal model of RAS-driven cancer.** *Oncogenesis*
Saffari, P. S., Vapniarsky, N., Pollack, A. S., Gong, X., Vennam, S., Pollack, A. J., Verstraete, F. J., West, R. B., Arzi, B., Pollack, J. R.
2019; 8 (2): 11
- **ERBB2 copy number analysis of invasive breast carcinoma using digital droplet PCR and targeted next-generation sequencing: A focus on 'non-classical' HER2 FISH groups using the 2018 ASCO/CAP HER2 testing guideline**
Yang, S., Bouhlal, Y., De La Vega, F. M., Ballard, M., West, R. B., Sibley, R. K., Kuo, C. J., Vilborg, A., Allison, K. H.
AMER ASSOC CANCER RESEARCH.2019
- **Development of a machine learning-based classifier for Oncotype DX (R) category prediction in a population of lymph node positive breast carcinoma patients**
Beca, F., Yang, S., Gruber, J. G., Barry-Holson, K., West, R., Wen, H. Y., Allison, K. H.
AMER ASSOC CANCER RESEARCH.2019
- **Blood transcriptome and clonal T cell correlates of response and nonresponse to eltrombopag therapy in a cohort of patients with chronic immune thrombocytopenia.** *Haematologica*
Zhang, H., Zhang, B. M., Guo, X., Xu, L., You, X., West, R. B., Bussel, J. B., Zehnder, J. L.
2019
- **Spatial integration of radiology and pathology images to characterize breast cancer aggressiveness on pre-surgical MRI**
Rusu, M., Daniel, B., West, R., Angelini, E. D., Landman, B. A.
SPIE-INT SOC OPTICAL ENGINEERING.2019
- **Framework for the co-registration of MRI and Histology Images in Prostate Cancer Patients with Radical Prostatectomy**
Rusu, M., Kunder, C., Fan, R., Ghanouni, P., West, R., Sonn, G., Brooks, J., Angelini, E. D., Landman, B. A.
SPIE-INT SOC OPTICAL ENGINEERING.2019
- **Cell cycle progression in confining microenvironments is regulated by a growth-responsive TRPV4-PI3K/Akt-p27Kip1 signaling axis.** *Science advances*
Nam, S., Gupta, V. K., Lee, H. P., Lee, J. Y., Wisdom, K. M., Varma, S., Flaum, E. M., Davis, C., West, R. B., Chaudhuri, O.
2019; 5 (8): eaaw6171
- **Genomic landscape of ductal carcinoma in situ and association with progression.** *Breast cancer research and treatment*
Lin, C. Y., Vennam, S., Purington, N., Lin, E., Varma, S., Han, S., Desa, M., Seto, T., Wang, N. J., Stehr, H., Troxell, M. L., Kurian, A. W., West, et al
2019
- **Clonal replacement and heterogeneity in breast tumors treated with neoadjuvant HER2-targeted therapy.** *Nature communications*
Caswell-Jin, J. L., McNamara, K., Reiter, J. G., Sun, R., Hu, Z., Ma, Z., Ding, J., Suarez, C. J., Tilk, S., Raghavendra, A., Forte, V., Chin, S. F., Bardwell, et al
2019; 10 (1): 657
- **YAP-independent mechanotransduction drives breast cancer progression.** *Nature communications*
Lee, J. Y., Chang, J. K., Dominguez, A. A., Lee, H. P., Nam, S., Chang, J., Varma, S., Qi, L. S., West, R. B., Chaudhuri, O.
2019; 10 (1): 1848

- **Publisher Correction: Clonal replacement and heterogeneity in breast tumors treated with neoadjuvant HER2-targeted therapy.** *Nature communications*
Caswell-Jin, J. L., McNamara, K., Reiter, J. G., Sun, R., Hu, Z., Ma, Z., Ding, J., Suarez, C. J., Tilk, S., Raghavendra, A., Forte, V., Chin, S. F., Bardwell, et al
2019; 10 (1): 2433
- **Genomic analysis of benign prostatic hyperplasia implicates cellular re-landscaping in disease pathogenesis.** *JCI insight*
Middleton, L. W., Shen, Z., Varma, S., Pollack, A. S., Gong, X., Zhu, S., Zhu, C., Foley, J. W., Vennam, S., Sweeney, R. T., Tu, K., Biscocho, J., Eminaga, et al
2019; 5
- **Increased Galectin-1 Expression in Thymic Epithelial Tumors.** *Clinical lung cancer*
Riess, J. W., Kong, C. S., West, R. B., Padda, S. K., Neal, J. W., Wakelee, H. A., Le, Q.
2018
- **The HTN3-MSANTD3 Fusion Gene Defines a Subset of Acinic Cell Carcinoma of the Salivary Gland.** *The American journal of surgical pathology*
Andreasen, S., Varma, S., Barasch, N., Thompson, L. D., Miettinen, M., Rooper, L., Stelow, E. B., Agander, T. K., Seethala, R. R., Chiose, S. I., Homoe, P.,
Wessel, I., Larsen, et al
2018
- **Matrix mechanical plasticity regulates cancer cell migration through confining microenvironments.** *Nature communications*
Wisdom, K. M., Adebowale, K., Chang, J., Lee, J. Y., Nam, S., Desai, R., Rossen, N. S., Rafat, M., West, R. B., Hodgson, L., Chaudhuri, O.
2018; 9 (1): 4144
- **A Structured Tumor-Immune Microenvironment in Triple Negative Breast Cancer Revealed by Multiplexed Ion Beam Imaging.** *Cell*
Keren, L., Bosse, M., Marquez, D., Angoshtari, R., Jain, S., Varma, S., Yang, S., Kurian, A., Van Valen, D., West, R., Bendall, S. C., Angelo, M.
2018; 174 (6): 1373
- **A Structured Tumor-Immune Microenvironment in Triple Negative Breast Cancer Revealed by Multiplexed Ion Beam Imaging** *CELL*
Keren, L., Bosse, M., Marquez, D., Angoshtari, R., Jain, S., Varma, S., Yang, S., Kurian, A., Van Valen, D., West, R., Bendall, S. C., Angelo, M.
2018; 174 (6): 1373-+
- **VISTA immune checkpoint deregulation in human triple-negative breast cancer**
Gruber, J. J., Juntilla, M. M., Yang, S., Geller, B., Jager, N., Lin, C., Lipchik, A. M., Chen, J., Ram, A., Vinayak, S., Telli, M. L., West, R. B., Ford, et al
AMER ASSOC CANCER RESEARCH.2018
- **p300 and STAT3 drive YAP-independent mechanotransduction during breast cancer invasion**
Lee, J. Y., Chang, J., Nam, S., Lee, H., Dominguez, A. A., Varma, S., Qi, L. S., West, R. B., Chaudhuri, O.
AMER ASSOC CANCER RESEARCH.2018
- **Biological subtypes of nasopharyngeal carcinoma by genomic profiling**
Tay, K., Zhu, C., Vennam, S., Varma, S., Quynh-Thu Le, Sunwoo, J., West, R.
AMER ASSOC CANCER RESEARCH.2018
- **GFPT2-expressing cancer-associated fibroblasts mediate metabolic reprogramming in human lung adenocarcinoma.** *Cancer research*
Zhang, W., Bouchard, G., Yu, A., Shafiq, M., Jamali, M., Shrager, J. B., Ayers, K., Bakr, S., Gentles, A. J., Diehn, M., Quon, A., West, R. B., Nair, et al
2018
- **Gene Expression in Nasopharyngeal Carcinoma by Laser Capture Microdissected Transcriptome Sequencing**
Tay, J. K., Zhu, C., Sunwoo, J., Le, Q. T., West, R. B.
ELSEVIER SCIENCE INC.2018: 1385
- **Pathologic Features and Clinical Outcomes of Breast Cancers with HER2/CEP17 ratio < 2.0 and mean HER2 signals /cell > 6.0 by FISH; A Multi-Institutional Study**
Ballard, M., Toukatly, M., Bean, G., Jalikis, F., Krings, G., Schmidt, R., Chen, Y., Rendi, M., Dintzis, S., Troxell, M., West, R., Sibley, R., Allison, et al
NATURE PUBLISHING GROUP.2018: 48
- **Recurrent MSANTD3 Aberrations Defines a Subset of Acinic Cell Carcinomas of the Salivary Gland**
Andreasen, S., Varma, S., Melchior, L. C., Agander, T. K., Kiss, K., Wessel, I., Homoe, P., Bishop, J., Pollack, J., West, R.
NATURE PUBLISHING GROUP.2018: 470-71
- **Pathologic Features and Clinical Outcomes of HER2 FISH Cases with HER2: CEP17 ratio > 2.0 but < 4 HER2 signals/cell; A Multi-Institutional Study**
Ballard, M., Toukatly, M., Bean, G., Jalikis, F., Krings, G., Schmidt, R., Chen, Y., Dintzis, S., Troxell, M., West, R., Sibley, R., Allison, K.

NATURE PUBLISHING GROUP.2018: 47–48

- **Potential Impact of Proposed HER2 FISH Guideline Updates on FISH results; A Multi-Institutional Study**
Ballard, M., MacKerricher, W., Jalikis, F., Krings, G., Schmidt, R., Chen, Y., Rendi, M., Dintzis, S., Troxell, M., West, R., Sibley, R., Allison, K.
NATURE PUBLISHING GROUP.2018: 48
- **Higher Absolute Lymphocyte Counts Predict Lower Mortality from Early-Stage Triple-Negative Breast Cancer.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Afghahi, A., Purington, N., Han, S. S., Desai, M., Pierson, E., Mathur, M. B., Seto, T., Thompson, C. A., Rigdon, J., Telli, M. L., Badve, S. S., Curtis, C., West, et al
2018
- **QUANTIFYING CHROMOSOMAL COPY NUMBER ALTERATIONS IN BREAST DUCTAL CARCINOMA IN SITU: A DEEP LEARNING BASED APPROACH**
Sirinukunwattana, K., Lin, J., Lu, P., Beca, F., Peng, J., Tolwani, A., Stancu, A., Varma, S., West, R., IEEE
IEEE.2018: 186–90
- **Genome-wide reconstruction of complex structural variants using read clouds** *NATURE METHODS*
Spies, N., Weng, Z., Bishara, A., McDaniel, J., Catoe, D., Zook, J. M., Salit, M., West, R. B., Batzoglou, S., Sidow, A.
2017; 14 (9): 915–+
- **Circulating Tumor DNA Detects Residual Disease and Anticipates Tumor Progression Earlier Than CT Imaging**
Chaudhuri, A. A., Chabon, J. J., Lovejoy, A. F., Newman, A. M., Stehr, H., Azad, T. D., Zhou, L., Liu, C., Scherer, F., Kurtz, D. M., Esfahani, M. S., Say, C., Carter, et al
ELSEVIER SCIENCE INC.2017: E4
- **'Non-classical' HER2 FISH results in breast cancer: a multi-institutional study** *MODERN PATHOLOGY*
Ballard, M., Jalikis, F., Krings, G., Schmidt, R. A., Chen, Y., Rendi, M. H., Dintzis, S. M., Jensen, K. C., West, R. B., Sibley, R. K., Troxell, M. L., Allison, K. H.
2017; 30 (2): 227-235
- **Loss of MAdCAM-1 Expression in Colorectal Adenocarcinoma**
Devereaux, K., Gomez, A., Varma, S., Pai, R., Modiano, N., Longacre, T., West, R., Troxell, M.
NATURE PUBLISHING GROUP.2017: 170A
- **Loss of MAdCAM-1 Expression in Colorectal Adenocarcinoma**
Devereaux, K., Gomez, A., Varma, S., Pai, R., Modiano, N., Longacre, T., West, R., Troxell, M.
NATURE PUBLISHING GROUP.2017: 170A
- **Fibroepithelial Lesions of the Breast Involved by Atypical Epithelial Proliferations: A 12-Year Single Institution Study**
Singer, B., Lin, C., West, R.
NATURE PUBLISHING GROUP.2017: 71A
- **Fibroepithelial Lesions of the Breast Involved by Atypical Epithelial Proliferations: A 12-Year Single Institution Study**
Singer, B., Lin, C., West, R.
NATURE PUBLISHING GROUP.2017: 71A
- **Recurrent rearrangements of the Myb/SANT-like DNA-binding domain containing 3 gene (MSANTD3) in salivary gland acinic cell carcinoma.** *PloS one*
Barasch, N., Gong, X., Kwei, K. A., Varma, S., Biscocho, J., Qu, K., Xiao, N., Lipsick, J. S., Pelham, R. J., West, R. B., Pollack, J. R.
2017; 12 (2)
- **Local estrogen axis in the human bone microenvironment regulates estrogen receptor-positive breast cancer cells.** *Breast cancer research : BCR*
Amanatullah, D. F., Tamareisis, J. S., Chu, P., Bachmann, M. H., Hoang, N. M., Collyar, D., Mayer, A. T., West, R. B., Maloney, W. J., Contag, C. H., King, B. L.
2017; 19 (1): 121
- **Circulating Tumor DNA Detects Minimal Residual Disease and Predicts Outcome in Localized Lung Cancer**
Chaudhuri, A., Lovejoy, A., Chabon, J., Newman, A., Stehr, H., Say, C., Carter, J., Zhou, L., West, R., Shrager, J., Neal, J., Wakelee, H., Loo, et al
ELSEVIER SCIENCE INC.2017: S445
- **YAP-independent mechanotransduction drives breast cancer invasion.**
Lee, J. Y., Chang, J., Nam, S., Lee, H., Dominguez, A., Varma, S., Qi, L. S., West, R., Chaudhuri, O.
AMER SOC CELL BIOLOGY.2017

- **YAP-independent mechanotransduction drives breast cancer invasion.**
Lee, J. Y., Chang, J., Nam, S., Lee, H., Dominguez, A., Varma, S., Qi, L. S., West, R., Chaudhuri, O.
AMER SOC CELL BIOLOGY.2017
- **Early detection of molecular residual disease in localized lung cancer by circulating tumor DNA profiling.** *Cancer discovery*
Chaudhuri, A. A., Chabon, J. J., Lovejoy, A. F., Newman, A. M., Stehr, H., Azad, T. D., Khodadoust, M. S., Esfahani, M. S., Liu, C. L., Zhou, L., Scherer, F., Kurtz, D. M., Say, et al
2017
- **Role of KEAP1/NRF2 and TP53 Mutations in Lung Squamous Cell Carcinoma Development and Radiation Resistance** *CANCER DISCOVERY*
Jeong, Y., Hoang, N. T., Lovejoy, A., Stehr, H., Newman, A. M., Gentles, A. J., Kong, W., Diana Truong, D., Martin, S., Chaudhuri, A., Heiser, D., Zhou, L., Say, et al
2017; 7 (1): 86-101
- **Loss of Expression of AZGP1 Is Associated With Worse Clinical Outcomes in a Multi-Institutional Radical Prostatectomy Cohort.** *Prostate*
Brooks, J. D., Wei, W., Pollack, J. R., West, R. B., Shin, J. H., Sunwoo, J. B., Hawley, S. J., Auman, H., Newcomb, L. F., Simko, J., Hurtado-Coll, A., Troyer, D. A., Carroll, et al
2016; 76 (15): 1409-1419
- **'Non-classical' HER2 FISH results in breast cancer: a multi-institutional study.** *Modern pathology*
Ballard, M., Jalikis, F., Krings, G., Schmidt, R. A., Chen, Y., Rendi, M. H., Dintzis, S. M., Jensen, K. C., West, R. B., Sibley, R. K., Troxell, M. L., Allison, K. H.
2016
- **CAPP-Seq Circulating Tumor DNA Analysis for Early Detection of Tumor Progression After Definitive Radiation Therapy for Lung Cancer**
Chaudhuri, A. A., Lovejoy, A. F., Chabon, J. J., Newman, A., Stehr, H., Say, C., Aggarwal, S., Carter, J. N., West, R. B., Neal, J. W., Wakelee, H. A., Loo, B. W., Alizadeh, et al
ELSEVIER SCIENCE INC.2016: S41-S42
- **BRAF inhibitor therapy of primary amelanoma** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY*
Tan, S., Pollack, J. R., Kaplan, M. J., Colevas, A., West, R. B.
2016; 122 (4): 518-19
- **Role of KEAP1/NRF2 and TP53 Mutations in Lung Squamous Cell Carcinoma Development and Radiation Resistance.** *Cancer discovery*
Jeong, Y., Hoang, N. T., Lovejoy, A., Stehr, H., Newman, A. M., Gentles, A. J., Kong, W., Truong, D., Martin, S., Chaudhuri, A., Heiser, D., Zhou, L., Say, et al
2016
- **Amelanoma: a clinical review and trends in management** *EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY*
McClary, A. C., West, R. B., McClary, A. C., Pollack, J. R., Fischbein, N. J., Holsinger, C. F., Sunwoo, J., Colevas, A. D., Sirjani, D.
2016; 273 (7): 1649-1661
- **BRAF inhibitor treatment of primary BRAF-mutant amelanoma with pathologic assessment of response** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY*
Tan, S., Pollack, J. R., Kaplan, M. J., Colevas, A. D., West, R. B.
2016; 122 (1): E5-E7
- **Transcriptome sequencing analysis of four psammomatous meningiomas**
Samghabadi, P., Forgo, E., West, R., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2016: 575
- **Integrated digital error suppression for improved detection of circulating tumor DNA** *NATURE BIOTECHNOLOGY*
Newman, A. M., Lovejoy, A. F., Klass, D. M., Kurtz, D. M., Chabon, J. J., Scherer, F., Stehr, H., Liu, C. L., Bratman, S. V., Say, C., Zhou, L., Carter, J. N., West, et al
2016; 34 (5): 547-555
- **Validation of Digital Whole Slide Imaging System for Breast Sentinel Lymph Node Touch Prep Analysis: A Single Institution Experience**
Hoffmann, J., McGinnis, L., Mafnas, C. T., Ziskin, J., Folkins, A. K., Allison, K., West, R. B., Higgins, J. P., Kambham, N., Long, S. R., Tan, B.
NATURE PUBLISHING GROUP.2016: 496A
- **HER2 FISH Equivocal Category: Does Retesting Resolve This Clinical Grey Zone?**
Ballard, M., Srivastava, S., West, R. B., Jensen, K. C., Sibley, R. K., Allison, K.

NATURE PUBLISHING GROUP.2016: 31A

- **Genomic Profiling of Ductal Carcinoma In Situ: Can We Predict Outcome?**
Lin, C., Vennam, S., Sweeney, R. T., Zhu, S. X., Varma, S., West, R. B.
NATURE PUBLISHING GROUP.2016: 54A
- **Correlation of Protein Expression with Chromosomal Copy Number Alterations in the Progression of Early Breast Neoplasia to DCIS**
Forgo, E., Varma, S., West, R. B.
NATURE PUBLISHING GROUP.2016: 41A
- **Genomic Profiling of Ductal Carcinoma In Situ: Can We Predict Outcome?**
Lin, C., Vennam, S., Sweeney, R. T., Zhu, S. X., Varma, S., West, R. B.
NATURE PUBLISHING GROUP.2016: 54A
- **Correlation of Protein Expression with Chromosomal Copy Number Alterations in the Progression of Early Breast Neoplasia to DCIS**
Forgo, E., Varma, S., West, R. B.
NATURE PUBLISHING GROUP.2016: 41A
- **Validation of Digital Whole Slide Imaging System for Intraoperative Breast Sentinel Lymph Node Touch Prep Analysis: A Single Institution Experience**
Hoffmann, J., McGinnis, L., Mafnas, C. T., Ziskin, J., Folkins, A. K., Allison, K., West, R. B., Higgins, J. P., Kambham, N., Long, S. R., Tan, B.
NATURE PUBLISHING GROUP.2016: 496A
- **The prognostic landscape of genes and infiltrating immune cells across human cancers**
Gentles, A. J., Newman, A. M., Liu, C., Bratman, S. V., Feng, W., Kim, D., Nair, V. S., Yue, X., Khuong, A., Hoang, C. D., Diehn, M., West, R. B., Plevritis, et al
AMER ASSOC CANCER RESEARCH.2015
- **Read clouds uncover variation in complex regions of the human genome.** *Genome research*
Bishara, A., Liu, Y., Weng, Z., Kashef-Haghighi, D., Newburger, D. E., West, R., Sidow, A., Batzoglou, S.
2015; 25 (10): 1570-1580
- **Integrating Tumor and Stromal Gene Expression Signatures With Clinical Indices for Survival Stratification of Early-Stage Non-Small Cell Lung Cancer.** *Journal of the National Cancer Institute*
Gentles, A. J., Bratman, S. V., Lee, L. J., Harris, J. P., Feng, W., Nair, R. V., Shultz, D. B., Nair, V. S., Hoang, C. D., West, R. B., Plevritis, S. K., Alizadeh, A. A., Diehn, et al
2015; 107 (10)
- **Integrating Tumor and Stromal Gene Expression Signatures With Clinical Indices for Survival Stratification of Early-Stage Non-Small Cell Lung Cancer.** *Journal of the National Cancer Institute*
Gentles, A. J., Bratman, S. V., Lee, L. J., Harris, J. P., Feng, W., Nair, R. V., Shultz, D. B., Nair, V. S., Hoang, C. D., West, R. B., Plevritis, S. K., Alizadeh, A. A., Diehn, et al
2015; 107 (10)
- **Chromosomal copy number alterations for associations of ductal carcinoma in situ with invasive breast cancer** *BREAST CANCER RESEARCH*
Afghahi, A., Forgo, E., Mitani, A. A., Desai, M., Varma, S., Seto, T., Rigdon, J., Jensen, K. C., Troxell, M. L., Gomez, S. L., Das, A. K., Beck, A. H., Kurian, et al
2015; 17
- **The prognostic landscape of genes and infiltrating immune cells across human cancers** *NATURE MEDICINE*
Gentles, A. J., Newman, A. M., Liu, C. L., Bratman, S. V., Feng, W., Kim, D., Nair, V. S., Xu, Y., Khuong, A., Hoang, C. D., Diehn, M., West, R. B., Plevritis, et al
2015; 21 (8): 938-945
- **Clinically Relevant Molecular Subtypes in Leiomyosarcoma.** *Clinical cancer research*
Guo, X., Jo, V. Y., Mills, A. M., Zhu, S. X., Lee, C., Espinosa, I., Nucci, M. R., Varma, S., Forgó, E., Hastie, T., Anderson, S., Ganjoo, K., Beck, et al
2015; 21 (15): 3501-3511
- **Automated Analysis and Classification of Histological Tissue Features by Multi-Dimensional Microscopic Molecular Profiling** *PLOS ONE*
Riordan, D. P., Varma, S., West, R. B., Brown, P. O.
2015; 10 (7)
- **Cell-lineage heterogeneity and driver mutation recurrence in pre-invasive breast neoplasia** *GENOME MEDICINE*
Weng, Z., Spies, N., Zhu, S. X., Newburger, D. E., Kashef-Haghighi, D., Batzoglou, S., Sidow, A., West, R. B.

2015; 7

- **Diffuse High Intensity PD-L1 Staining in Thymic Epithelial Tumors.** *Journal of thoracic oncology*
Padda, S. K., Riess, J. W., Schwartz, E. J., Tian, L., Kohrt, H. E., Neal, J. W., West, R. B., Wakelee, H. A.
2015; 10 (3): 500-508
- **Novel mutations in neuroendocrine carcinoma of the breast: possible therapeutic targets.** *Applied immunohistochemistry & molecular morphology*
Ang, D., Ballard, M., Beadling, C., Warrick, A., Schilling, A., O'Gara, R., Pukay, M., Neff, T. L., West, R. B., Corless, C. L., Troxell, M. L.
2015; 23 (2): 97-103
- **Translocation and Expression of MSANTD3 in Neoplasia and Normal Tissue**
Barasch, N., Xue, G., Sweeney, R., Varma, S., Biscocho, J., Kwei, K., Pelham, R., Lipsick, J., West, R., Pollack, J.
NATURE PUBLISHING GROUP.2015: 320A
- **Translocation and Expression of MSANTD3 in Neoplasia and Normal Tissue**
Barasch, N., Xue, G., Sweeney, R., Varma, S., Biscocho, J., Kwei, K., Pelham, R., Lipsick, J., West, R., Pollack, J.
NATURE PUBLISHING GROUP.2015: 320A
- **Survey of SMO and BRAF Mutational Status in Head and Neck and Adnexal Neoplasms**
McClary, A., Biscocho, J., Varma, S., Pollack, J., West, R.
NATURE PUBLISHING GROUP.2015: 327A–328A
- **Correlation of Protein Expression With Chromosomal Copy Number Alterations for Risk Classification of Ductal Carcinoma In Situ**
Forgo, E., Varma, S., West, R.
NATURE PUBLISHING GROUP.2015: 45A
- **Characterization of Breast Cancers With Equivocal and Non-Classical HER2 FISH Results - A Multi-Institutional Study**
Ballard, M., Jalikis, F., Krings, G., Schmidt, R., Chen, Y., Rendi, M., Dintzis, S. M., Jensen, K., West, R., Sibley, R., Allison, K.
NATURE PUBLISHING GROUP.2015: 35A
- **Genomic Profiling of Radial Scar**
Lin, C., Sweeney, R., Zhu, S., West, R.
NATURE PUBLISHING GROUP.2015: 54A
- **Correlation of Protein Expression With Chromosomal Copy Number Alterations for Risk Classification of Ductal Carcinoma In Situ**
Forgo, E., Varma, S., West, R.
NATURE PUBLISHING GROUP.2015: 45A
- **Genomic Profiling of Radial Scar**
Lin, C., Sweeney, R., Zhu, S., West, R.
NATURE PUBLISHING GROUP.2015: 54A
- **Survey of SMO and BRAF Mutational Status in Head and Neck and Adnexal Neoplasms**
McClary, A., Biscocho, J., Varma, S., Pollack, J., West, R.
NATURE PUBLISHING GROUP.2015: 327A–328A
- **GLI1, CTNNB1 and NOTCH1 Protein Expression in a Thymic Epithelial Malignancy Tissue Microarray.** *Anticancer research*
Riess, J. W., West, R., Dean, M., Klimowicz, A. C., Neal, J. W., Hoang, C., Wakelee, H. A.
2015; 35 (2): 669-676
- **Novel mutations in neuroendocrine carcinoma of the breast: possible therapeutic targets.** *Applied immunohistochemistry & molecular morphology*
Ang, D., Ballard, M., Beadling, C., Warrick, A., Schilling, A., O'Gara, R., Pukay, M., Neff, T. L., West, R. B., Corless, C. L., Troxell, M. L.
2015; 23 (2): 97-103
- **GLI1, CTNNB1 and NOTCH1 protein expression in a thymic epithelial malignancy tissue microarray.** *Anticancer research*
Riess, J. W., West, R., Dean, M., Klimowicz, A. C., Neal, J. W., Hoang, C., Wakelee, H. A.
2015; 35 (2): 669-676
- **Pemetrexed in patients with thymic malignancies previously treated with chemotherapy.** *Lung cancer*
Liang, Y., Padda, S. K., Riess, J. W., West, R. B., Neal, J. W., Wakelee, H. A.

2015; 87 (1): 34-38

- **Read Clouds Uncover Variation in Complex Regions of the Human Genome**
Bishara, A., Liu, Y., Kashef-Haghighi, D., Weng, Z., Newburger, D. E., West, R., Sidow, A., Batzoglou, S., Przytycka, T. M.
SPRINGER-VERLAG BERLIN.2015: 30–31
- **Chromosomal copy number alterations for associations of ductal carcinoma in situ with invasive breast cancer.** *Breast cancer research*
Afghahi, A., Forgó, E., Mitani, A. A., Desai, M., Varma, S., Seto, T., Rigdon, J., Jensen, K. C., Troxell, M. L., Gomez, S. L., Das, A. K., Beck, A. H., Kurian, et al
2015; 17: 108-?
- **Automated Analysis and Classification of Histological Tissue Features by Multi-Dimensional Microscopic Molecular Profiling.** *PLoS one*
Riordan, D. P., Varma, S., West, R. B., Brown, P. O.
2015; 10 (7)
- **Cell-lineage heterogeneity and driver mutation recurrence in pre-invasive breast neoplasia.** *Genome medicine*
Weng, Z., Spies, N., Zhu, S. X., Newburger, D. E., Kashef-Haghighi, D., Batzoglou, S., Sidow, A., West, R. B.
2015; 7 (1): 28-?
- **Fast and scalable inference of multi-sample cancer lineages.** *Genome biology*
Popic, V., Salari, R., Hajirasouliha, I., Kashef-Haghighi, D., West, R. B., Batzoglou, S.
2015; 16 (1): 91-?
- **Effects of Thrombopoietin Mimetics on Patients with Chronic ITP: Perspectives from Blood Transcriptome Profiling Analysis**
Zhang, H., Zhang, B., Guo, X., Haq, N., West, R. B., Bussel, J. B., Zehnder, J. L.
AMER SOC HEMATOLOGY.2014
- **Long noncoding RNA EWSAT1-mediated gene repression facilitates Ewing sarcoma oncogenesis** *JOURNAL OF CLINICAL INVESTIGATION*
Howarth, M. M., Simpson, D., Ngok, S. P., Nieves, B., Chen, R., Siprashvili, Z., Vaka, D., Breese, M. R., Crompton, B. D., Alexe, G., Hawkins, D. S., Jacobson, D., Brunner, et al
2014; 124 (12): 5275-5290
- **Ameloblastoma driver mutations revealed by next-generation sequencing of formalin-fixed paraffin-embedded specimens**
McClary, A. C., Sweeney, R. T., Biscocho, J., Myers, B. R., Neahring, L., Kwei, K. A., Qu, K., Gong, X., Ng, T., Jones, C. D., Varma, S., Odegaard, J. I., Rubin, et al
AMER ASSOC CANCER RESEARCH.2014
- **PEMETREXED IN PATIENTS WITH THYMIC MALIGNANCIES PREVIOUSLY TREATED WITH CHEMOTHERAPY**
Liang, Y., Padda, S., Riess, J. W., West, R., Neal, J. W., Wakelee, H. A.
LIPPINCOTT WILLIAMS & WILKINS.2014: S226
- **PROGRAMMED DEATH RECEPTOR LIGAND-1 (PD-L1) EXPRESSION IN A THYMOMA TISSUE MICROARRAY (TMA)**
Padda, S., Riess, J. W., Schwartz, E., Tian, L., Kohrt, H., Neal, J. W., West, R., Wakelee, H. A.
LIPPINCOTT WILLIAMS & WILKINS.2014: S212
- **Fingerprints of Epstein-Barr virus in nasopharyngeal carcinoma** *NATURE GENETICS*
West, R. B.
2014; 46 (8): 809-810
- **Identification of recurrent SMO and BRAF mutations in ameloblastomas** *NATURE GENETICS*
Sweeney, R. T., McClary, A. C., Myers, B. R., Biscocho, J., Neahring, L., Kwei, K. A., Qu, K., Gong, X., Ng, T., Jones, C. D., Varma, S., Odegaard, J. I., Sugiyama, et al
2014; 46 (7): 722-725
- **Identification of recurrent SMO and BRAF mutations in ameloblastomas.** *Nature genetics*
Sweeney, R. T., McClary, A. C., Myers, B. R., Biscocho, J., Neahring, L., Kwei, K. A., Qu, K., Gong, X., Ng, T., Jones, C. D., Varma, S., Odegaard, J. I., Sugiyama, et al
2014; 46 (7): 722-725
- **Programmed death receptor ligand-1 (PD-L1) expression in a thymoma (T) tissue microarray (TMA)**
Padda, S., Riess, J., Schwartz, E., Tian, L., Kohrt, H., Neal, J. W., Natkunam, Y., West, R. B., Wakelee, H. A.
AMER SOC CLINICAL ONCOLOGY.2014

- **Chromosomal copy number alterations (CNAs) for risk assessment of ductal carcinoma in situ (DCIS)**
Afghahi, A., Forgo, E., Mitani, A., Desai, M., Varma, S., Seto, T., Jensen, K. C., Gomez, S., Das, A. K., Beck, A. H., Kurian, A. W., West, R. B.
AMER SOC CLINICAL ONCOLOGY.2014
- **Human papillomavirus 16 detected in nasopharyngeal carcinomas in white Americans but not in endemic Southern Chinese patients.** *Head & neck*
Lin, Z., Khong, B., Kwok, S., Cao, H., West, R. B., Le, Q., Kong, C. S.
2014; 36 (5): 709-714
- **Stromal signatures in endometrioid endometrial carcinomas** *MODERN PATHOLOGY*
Espinosa, I., Catusus, L., D'angelo, E., Mozos, A., Pedrola, N., Bertolo, C., Ferrer, I., Zannoni, G. F., West, R. B., van de Rijn, M., Matias-Guiu, X., Prat, J.
2014; 27 (4): 631-639
- **Stromal responses among carcinomas--response.** *Clinical cancer research*
West, R. B., van de Rijn, M., Chen, J. L.
2014; 20 (5): 1397-?
- **Novel Mutations in Neuroendocrine Carcinoma of the Breast: Possible Therapeutic Targets.** *Diagnostic molecular pathology*
Ang, D., Ballard, M., Beadling, C., Warrick, A., Schilling, A., O'Gara, R., Pukay, M., Neff, T. L., West, R. B., Corless, C. L., Troxell, M. L.
2014: -?
- **Discovery of recurrent structural variants in nasopharyngeal carcinoma.** *Genome research*
Valouev, A., Weng, Z., Sweeney, R. T., Varma, S., Le, Q., Kong, C., Sidow, A., West, R. B.
2014; 24 (2): 300-309
- **HER2 Positive Rates Vary by County and Geographic Region in California Independent of Stage and Age at Presentation**
Allison, K. H., Jensen, K. C., Dur, T. C., Gomez, S. L., West, R. B., Kurian, A. W.
NATURE PUBLISHING GROUP.2014: 34A-35A
- **HER2 Heterogeneity by FISH in Breast Cancers and Matched Lymph Node Metastases: How Different Are They?**
Suarez, C. J., Schmidt, R. A., Dintzis, S. M., Rendi, M. H., Jensen, K. C., West, R. B., Allison, K. H.
NATURE PUBLISHING GROUP.2014: 83A
- **Can We Predict Which Her2 Tests Change from Biopsy to Excision?**
Brown, R. A., Clay, M. R., Jensen, K. C., West, R. B., Allison, K. H.
NATURE PUBLISHING GROUP.2014: 39A
- **Can We Predict Which Her2 Tests Change from Biopsy to Excision?**
Brown, R. A., Clay, M. R., Jensen, K. C., West, R. B., Allison, K. H.
NATURE PUBLISHING GROUP.2014: 39A
- **CD5 Is Highly Sensitive and Specific for Pancreaticobiliary Adenocarcinoma**
Lewis, G. H., West, R. B., Pai, R. K., Longacre, T. A.
NATURE PUBLISHING GROUP.2014: 451A
- **Mutational Profiling of Ameloblastoma Identifies Common Gain-of-Function Mutations**
McClary, A. C., Sweeney, R. T., Biscocho, J., Meyers, B. R., Neahring, L., Kwei, K. A., Qu, K., Gong, X., Jones, C. D., Varma, S., Odegaard, J. I., Rubin, B., Ng, et al
NATURE PUBLISHING GROUP.2014: 324A
- **HER2 Positive Rates Vary by County and Geographic Region in California Independent of Stage and Age at Presentation**
Allison, K. H., Jensen, K. C., Dur, T. C., Gomez, S. L., West, R. B., Kurian, A. W.
NATURE PUBLISHING GROUP.2014: 34A-35A
- **Mutational Profiling of Ameloblastoma Identifies Common Gain-of-Function Mutations**
McClary, A. C., Sweeney, R. T., Biscocho, J., Meyers, B. R., Neahring, L., Kwei, K. A., Qu, K., Gong, X., Jones, C. D., Varma, S., Odegaard, J. I., Rubin, B., Ng, et al
NATURE PUBLISHING GROUP.2014: 324A
- **CD5 Is Highly Sensitive and Specific for Pancreaticobiliary Adenocarcinoma**
Lewis, G. H., West, R. B., Pai, R. K., Longacre, T. A.

NATURE PUBLISHING GROUP.2014: 451A

- **HER2 Heterogeneity by FISH in Breast Cancers and Matched Lymph Node Metastases: How Different Are They?**
Suarez, C. J., Schmidt, R. A., Dintzis, S. M., Rendi, M. H., Jensen, K. C., West, R. B., Allison, K. H.
NATURE PUBLISHING GROUP.2014: 83A
- **Discovery of recurrent structural variants in nasopharyngeal carcinoma** *GENOME RESEARCH*
Valouev, A., Weng, Z., Sweeney, R. T., Varma, S., Quynh-Thu Le, Q. T., Kong, C., Sidow, A., West, R. B.
2014; 24 (2): 300-309
- **NF- κ B protein expression associates with (18)F-FDG PET tumor uptake in non-small cell lung cancer: A radiogenomics validation study to understand tumor metabolism.** *Lung cancer*
Nair, V. S., Gevaert, O., Davidzon, G., Plevritis, S. K., West, R.
2014; 83 (2): 189-196
- **A shared transcriptional program in early breast neoplasias despite genetic and clinical distinctions** *GENOME BIOLOGY*
Brunner, A. L., Li, J., Guo, X., Sweeney, R. T., Varma, S., Zhu, S. X., Li, R., Tibshirani, R., West, R. B.
2014; 15 (5)
- **A shared transcriptional program in early breast neoplasias despite genetic and clinical distinctions.** *Genome biology*
Brunner, A. L., Li, J., Guo, X., Sweeney, R. T., Varma, S., Zhu, S. X., Li, R., Tibshirani, R., West, R. B.
2014; 15 (5): R71-?
- **Neuregulin Autocrine Signaling Promotes Self-Renewal of Breast Tumor-Initiating Cells by Triggering HER2/HER3 Activation** *CANCER RESEARCH*
Lee, C. Y., Lin, Y., Bratman, S. V., Feng, W., Kuo, A. H., Scheeren, F. A., Engreitz, J. M., Varma, S., West, R. B., Diehn, M.
2014; 74 (1): 341-352
- **Molecular pathological analysis of sarcomas using paraffin-embedded tissue: current limitations and future possibilities** *HISTOPATHOLOGY*
van de Rijn, M., Guo, X., Sweeney, R. T., Beck, A. H., West, R. B.
2014; 64 (1): 163-170
- **Variation in HER2 positive rates in California by geographic region: Implications for setting pathology laboratory benchmarks**
Allison, K. H., Jensen, K. C., West, R. B., Clarke, C. A., Gomez, S. L., Kurian, A. W.
AMER ASSOC CANCER RESEARCH.2013
- **MAST2 and NOTCH1 translocations in breast carcinoma and associated pre-invasive lesions.** *Human pathology*
Clay, M. R., Varma, S., West, R. B.
2013; 44 (12): 2837-2844
- **Inference of tumor phylogenies with improved somatic mutation discovery.** *Journal of computational biology*
Salari, R., Saleh, S. S., Kashef-Haghighi, D., Khavari, D., Newburger, D. E., West, R. B., Sidow, A., Batzoglou, S.
2013; 20 (11): 933-944
- **INCREASED GALECTIN-1 EXPRESSION IN A THYMIC EPITHELIAL TUMOR TISSUE MICROARRAY (TMA) AND GALECTIN-1 KNOCKDOWN STUDIES IN A THYMOMA CELL LINE**
Riess, J. W., Kuo, P., Kong, C., Wakelee, H. A., West, R., Quynh Le
LIPPINCOTT WILLIAMS & WILKINS.2013: S269
- **GLI1, NOTCH1 AND CTNNB1 EXPRESSION BY AUTOMATED QUANTITATIVE IMMUNOFLUORESCENCE (AQUA) IN A THYMIC MALIGNANCY TISSUE MICROARRAY (TMA)**
Riess, J. W., West, R., Padda, S. K., Dean, M., Klimowicz, A., Huong, C., Neal, J. W., Wakelee, H. A.
LIPPINCOTT WILLIAMS & WILKINS.2013: S944
- **Inference of Tumor Phylogenies with Improved Somatic Mutation Discovery** *JOURNAL OF COMPUTATIONAL BIOLOGY*
Salari, R., Saleh, S. S., Kashef-Haghighi, D., Khavari, D., Newburger, D. E., West, R. B., Sidow, A., Batzoglou, S.
2013; 20 (11): 933-944
- **Stromal Responses among Common Carcinomas Correlated with Clinicopathologic Features.** *Clinical cancer research*
Chen, J. L., Espinosa, I., Lin, A. Y., Liao, O. Y., van de Rijn, M., West, R. B.
2013; 19 (18): 5127-5135

- **GLI1, NOTCH1 AND CTNNB1 EXPRESSION BY AUTOMATED QUANTITATIVE IMMUNOFLOURESCENCE (AQUA) IN A THYMIC MALIGNANCY TISSUE MICROARRAY (TMA)**
Riess, J., West, R., Padda, S., Dean, M., Klimowicz, A., Huong, C., Neal, J., Wakelee, H.
LIPPINCOTT WILLIAMS & WILKINS.2013: 25
- **INCREASED GALECTIN-1 EXPRESSION IN A THYMIC EPITHELIAL TUMOR TISSUE MICROARRAY (TMA)**
Riess, J., Kuo, P., Kong, C., West, R., Padda, S., Wakelee, H., Le, Q.
LIPPINCOTT WILLIAMS & WILKINS.2013: 25–26
- **Genome evolution during progression to breast cancer** *GENOME RESEARCH*
Newburger, D. E., Kashef-Haghighi, D., Weng, Z., Salari, R., Sweeney, R. T., Brunner, A. L., Zhu, S. X., Guo, X., Varma, S., Troxell, M. L., West, R. B., Batzoglou, S., Sidow, et al
2013; 23 (7): 1097-1108
- **Desktop transcriptome sequencing from archival tissue to identify clinically relevant translocations.** *American journal of surgical pathology*
Sweeney, R. T., Zhang, B., Zhu, S. X., Varma, S., Smith, K. S., Montgomery, S. B., van de Rijn, M., Zehnder, J., West, R. B.
2013; 37 (6): 796-803
- **Reconsidering the Diagnostic and Prognostic Utility of LN-2 for Undifferentiated Pleomorphic Sarcoma and Atypical Fibroxanthoma** *AMERICAN JOURNAL OF DERMATOPATHOLOGY*
Hollmig, S. T., Rieger, K. E., Henderson, M. T., West, R. B., Sundram, U. N.
2013; 35 (2): 176-179
- **Breakpoint analysis of transcriptional and genomic profiles uncovers novel gene fusions spanning multiple human cancer types.** *PLoS genetics*
Giacomini, C. P., Sun, S., Varma, S., Shain, A. H., Giacomini, M. M., Balagtas, J., Sweeney, R. T., Lai, E., Del Vecchio, C. A., Forster, A. D., Clarke, N., Montgomery, K. D., Zhu, et al
2013; 9 (4)
- **Breakpoint analysis of transcriptional and genomic profiles uncovers novel gene fusions spanning multiple human cancer types.** *PLoS genetics*
Giacomini, C. P., Sun, S., Varma, S., Shain, A. H., Giacomini, M. M., Balagtas, J., Sweeney, R. T., Lai, E., Del Vecchio, C. A., Forster, A. D., Clarke, N., Montgomery, K. D., Zhu, et al
2013; 9 (4)
- **Anti-KIT monoclonal antibody inhibits imatinib-resistant gastrointestinal stromal tumor growth** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Edris, B., Willingham, S. B., Weiskopf, K., Volkmer, A. K., Volkmer, J., Muehlenberg, T., Montgomery, K. D., Contreras-Trujillo, H., Czechowicz, A., Fletcher, J. A., West, R. B., Weissman, I. L., van de Rijn, et al
2013; 110 (9): 3501-3506
- **Desktop Transcriptome Sequencing from Archival Tissue To Identify Clinically Relevant Translocations** *102nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology (USCAP)*
SWEENEY, R. T., Zhang, B., Zhu, S. X., Varma, S., Smith, K., Montgomery, S. B., van de Rijn, M., Zehnder, J., West, R. B.
NATURE PUBLISHING GROUP.2013: 438A–438A
- **Two New Stromal Signatures Stratify Breast Cancers with Different Prognosis**
Guo, X., Zhu, S. X., Montgomery, K., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2013: 434A–435A
- **Desktop Transcriptome Sequencing from Archival Tissue To Identify Clinically Relevant Translocations**
Sweeney, R. T., Zhang, B., Zhu, S. X., Varma, S., Smith, K., Montgomery, S. B., de Rijn, A., Zehnder, J., West, R. B.
NATURE PUBLISHING GROUP.2013: 438A
- **Positive SOX10 Expression in a Broad Range of Salivary Gland Tumors**
Ng, T. L., West, R., Kwok, S., Berry, G., Kong, C.
NATURE PUBLISHING GROUP.2013: 310A
- **BRST2, ER, e-Cadherin, CDX2, and NKX3.1 Utility in Distinguishing Diffuse Gastric from Lobular Carcinoma**
Lewis, G. H., West, R., Pai, R. K., Longacre, T. A., Jensen, K. C.
NATURE PUBLISHING GROUP.2013: 52A–53A
- **Positive SOX10 Expression in a Broad Range of Salivary Gland Tumors**

- Ng, T. L., West, R., Kwok, S., Berry, G., Kong, C.
NATURE PUBLISHING GROUP.2013: 310A
- **Novel Mutations in Neuroendocrine Carcinoma of the Breast: Possible Therapeutic Targets**
Ballard, M., Ang, D., Beadling, C., Warrick, A., Schilling, A., O'Gara, R., Pukay, M., West, R., Corless, C., Troxell, M.
NATURE PUBLISHING GROUP.2013: 29A
 - **BRST2, ER, e-Cadherin, CDX2, and NKX3.1 Utility in Distinguishing Diffuse Gastric from Lobular Carcinoma**
Lewis, G. H., West, R., Pai, R. K., Longacre, T. A., Jensen, K. C.
NATURE PUBLISHING GROUP.2013: 52A–53A
 - **ROR2 Expression in Breast Cancer**
Guo, X., Sweeny, P., Varma, S., Montgomery, K., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2013: 45A
 - **Two New Stromal Signatures Stratify Breast Cancers with Different Prognosis** *102nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology (USCAP)*
Guo, X., Zhu, S. X., Montgomery, K., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2013: 434A–435A
 - **ROR2 Expression in Breast Cancer** *102nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology (USCAP)*
Guo, X., Sweeny, P., Varma, S., Montgomery, K., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2013: 45A–45A
 - **Integrative bioinformatics links HNF1B with clear cell carcinoma and tumor-associated thrombosis.** *PloS one*
Cuff, J., Salari, K., Clarke, N., Esheba, G. E., Forster, A. D., Huang, S., West, R. B., Higgins, J. P., Longacre, T. A., Pollack, J. R.
2013; 8 (9)
 - **Integrative Bioinformatics Links HNF1B with Clear Cell Carcinoma and Tumor-Associated Thrombosis.** *PloS one*
Cuff, J., Salari, K., Clarke, N., Esheba, G. E., Forster, A. D., Huang, S., West, R. B., Higgins, J. P., Longacre, T. A., Pollack, J. R.
2013; 8 (9)
 - **Next generation sequencing-based expression profiling identifies signatures from benign stromal proliferations that define stromal components of breast cancer** *BREAST CANCER RESEARCH*
Guo, X., Zhu, S. X., Brunner, A. L., van de Rijn, M., West, R. B.
2013; 15 (6)
 - **Whole-genome progression of breast cancer from early neoplasia to invasive carcinoma**
West, R. B., Kashef-Haghighi, D., Newburger, D., Weng, Z., Brunner, A., Salari, R., Guo, X., Troxell, M., Zhu, S., Varma, S., Sidow, A., Batzoglou, S.
AMER ASSOC CANCER RESEARCH.2012
 - **Biphasic Papillary and Lobular Breast Carcinoma With PIK3CA and IDH1 Mutations** *DIAGNOSTIC MOLECULAR PATHOLOGY*
Ang, D., VanSandt, A. M., Beadling, C., Warrick, A., West, R. B., Corless, C. L., Troxell, M. L.
2012; 21 (4): 221-224
 - **beta-Adrenergic receptor expression in vascular tumors** *MODERN PATHOLOGY*
Chisholm, K. M., Chang, K. W., Truong, M. T., Kwok, S., West, R. B., Heerema-McKenney, A. E.
2012; 25 (11): 1446-1451
 - **TdT(+) T-lymphoblastic Populations Are Increased in Castleman Disease, in Castleman Disease in Association With Follicular Dendritic Cell Tumors, and in Angioimmunoblastic T-cell Lymphoma** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Ohgami, R. S., Zhao, S., Ohgami, J. K., Leavitt, M. O., Zehnder, J. L., West, R. B., Arber, D. A., Natkunam, Y., Warnke, R. A.
2012; 36 (11): 1619-1628
 - **Detection of Long Non-Coding RNA in Archival Tissue: Correlation with Polycomb Protein Expression in Primary and Metastatic Breast Carcinoma** *PLOS ONE*
Chisholm, K. M., Wan, Y., Li, R., Montgomery, K. D., Chang, H. Y., West, R. B.
2012; 7 (10)
 - **Sox10 and S100 in the Diagnosis of Soft-tissue Neoplasms** *APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY*
Karamchandani, J. R., Nielsen, T. O., van de Rijn, M., West, R. B.

2012; 20 (5): 445-450

- **Pathologic Features and Immunophenotype of Estrogen Receptor-positive Breast Cancers in BRCA1 Mutation Carriers** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Kaplan, J. S., Schnitt, S. J., Collins, L. C., Wang, Y., Garber, J. E., Montgomery, K., West, R. B., Krag, K., Fettes, K., Lincoln, A., Tung, N. M.
2012; 36 (10): 1483-1488
- **Chest Wall Leiomyosarcoma After Breast-Conservative Therapy for Early-Stage Breast Cancer in a Young Woman With Li-Fraumeni Syndrome** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Henry, E., Villalobos, V., Million, L., Jensen, K. C., West, R., Ganjoo, K., Lebensohn, A., Ford, J. M., Telli, M. L.
2012; 10 (8): 939-942
- **Phosphatidylinositol-3-kinase pathway mutations are common in breast columnar cell lesions** *MODERN PATHOLOGY*
Troxell, M. L., Brunner, A. L., Neff, T., Warrick, A., Beadling, C., Montgomery, K., Zhu, S., Corless, C. L., West, R. B.
2012; 25 (7): 930-937
- **ROR2 is a novel prognostic biomarker and a potential therapeutic target in leiomyosarcoma and gastrointestinal stromal tumour** *JOURNAL OF PATHOLOGY*
Edris, B., Espinosa, I., Muehlenberg, T., Mikels, A., Lee, C., Steigen, S. E., Zhu, S., Montgomery, K. D., Lazar, A. J., Lev, D., Fletcher, J. A., Beck, A. H., West, et al
2012; 227 (2): 223-233
- **Antibody therapy targeting the CD47 protein is effective in a model of aggressive metastatic leiomyosarcoma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Edris, B., Weiskopf, K., Volkmer, A. K., Volkmer, J., Willingham, S. B., Contreras-Trujillo, H., Liu, J., Majeti, R., West, R. B., Fletcher, J. A., Beck, A. H., Weissman, I. L., van de Rijn, et al
2012; 109 (17): 6656-6661
- **Identification of Pathogens in Archival Tissues Using a High-Throughput Sequencing Approach, 3SEQ** *101st Annual Meeting of United-States-and-Canadian-Academy-of-Pathology (USCAP)*
SWEENEY, R. T., Brunner, A. L., Montgomery, K. D., Zhu, S. X., Kong, C., Le, Q., West, R. B.
NATURE PUBLISHING GROUP.2012: 467A-467A
- **Long Non-Coding RNA and Polycomb Protein Expression Levels Are Increased in Metastatic Versus Primary Breast Carcinoma**
Chisholm, K. M., Li, R., Wan, Y., Chang, H., West, R. B.
NATURE PUBLISHING GROUP.2012: 29A
- **Long Non-Coding RNA and Polycomb Protein Expression Levels Are Increased in Metastatic Versus Primary Breast Carcinoma**
Chisholm, K. M., Li, R., Wan, Y., Chang, H., West, R. B.
NATURE PUBLISHING GROUP.2012: 29A
- **Comparison of Immunohistochemical Stains for Myoepithelial Cells Versus Collagen Type IV in Invasive Ductal Carcinomas and Ductal Carcinoma In Situ of the Breast**
Kitayama, J. M., West, R. B., Jensen, K. C.
NATURE PUBLISHING GROUP.2012: 46A
- **Comparison of Immunohistochemical Stains for Myoepithelial Cells Versus Collagen Type IV in Invasive Ductal Carcinomas and Ductal Carcinoma In Situ of the Breast**
Kitayama, J. M., West, R. B., Jensen, K. C.
NATURE PUBLISHING GROUP.2012: 46A
- **Identification of Pathogens in Archival Tissues Using a High-Throughput Sequencing Approach, 3SEQ** *101st Annual Meeting of United-States-and-Canadian-Academy-of-Pathology (USCAP)*
SWEENEY, R. T., Brunner, A. L., Montgomery, K. D., Zhu, S. X., Kong, C., Le, Q., West, R. B.
NATURE PUBLISHING GROUP.2012: 467A-467A
- **14-3-3 fusion oncogenes in high-grade endometrial stromal sarcoma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Lee, C., Ou, W., Marino-Enriquez, A., Zhu, M., Mayeda, M., Wang, Y., Guo, X., Brunner, A. L., Amant, F., French, C. A., West, R. B., McAlpine, J. N., Gilks, et al
2012; 109 (3): 929-934

- **Transcriptional profiling of long non-coding RNAs and novel transcribed regions across a diverse panel of archived human cancers.** *Genome biology*
Brunner, A. L., Beck, A. H., Edris, B., Sweeney, R. T., Zhu, S. X., Li, R., Montgomery, K., Varma, S., Gilks, T., Guo, X., Foley, J. W., Witten, D. M., Giacomini, et al
2012; 13 (8): R75-?
- **Comparative gene expression profiling of benign and malignant lesions reveals candidate therapeutic compounds for leiomyosarcoma.** *Sarcoma*
Edris, B., Fletcher, J. A., West, R. B., van de Rijn, M., Beck, A. H.
2012; 2012: 805614-?
- **Transcriptional profiling of long non-coding RNAs and novel transcribed regions across a diverse panel of archived human cancers** *GENOME BIOLOGY*
Brunner, A. L., Beck, A. H., Edris, B., Sweeney, R. T., Zhu, S. X., Li, R., Montgomery, K., Varma, S., Gilks, T., Guo, X., Foley, J. W., Witten, D. M., Giacomini, et al
2012; 13 (8)
- **Phosphatidylinositol-3-Kinase Pathway Mutations Are Common in Breast Columnar Cell Lesions.**
Troxell, M. L., Brunner, A. L., Montgomery, K., Zhu, S. X., Neff, T., Warrick, A., Beadling, C., Corless, C. L., West, R. B.
AMER ASSOC CANCER RESEARCH.2011
- **Increased midkine expression correlates with desmoid tumour recurrence: a potential biomarker and therapeutic target** *JOURNAL OF PATHOLOGY*
Colombo, C., Creighton, C. J., Ghadimi, M. P., Bolshakov, S., Warneke, C. L., Zhang, Y., Lusby, K., Zhu, S., Lazar, A. J., West, R. B., van de Rijn, M., Lev, D.
2011; 225 (4): 574-582
- **Systematic Analysis of Breast Cancer Morphology Uncovers Stromal Features Associated with Survival** *SCIENCE TRANSLATIONAL MEDICINE*
Beck, A. H., Sangoi, A. R., Leung, S., Marinelli, R. J., Nielsen, T. O., van de Vijver, M. J., West, R. B., van de Rijn, M., Koller, D.
2011; 3 (108)
- **CSF1 Expression in Nongynecological Leiomyosarcoma Is Associated with Increased Tumor Angiogenesis** *AMERICAN JOURNAL OF PATHOLOGY*
Espinosa, I., Edris, B., Lee, C., Cheng, H. W., Gilks, C. B., Wang, Y., Montgomery, K. D., Varma, S., Li, R., Marinelli, R. J., West, R. B., Nielsen, T., Beck, et al
2011; 179 (4): 2100-2107
- **Identification of a Disease-Defining Gene Fusion in Epithelioid Hemangioendothelioma** *SCIENCE TRANSLATIONAL MEDICINE*
Tanas, M. R., Sboner, A., Oliveira, A. M., Erickson-Johnson, M. R., Hespelt, J., Hanwright, P. J., Flanagan, J., Luo, Y., Fenwick, K., Natrajan, R., Mitsopoulos, C., Zvelebil, M., Hoch, et al
2011; 3 (98)
- **Immunohistochemical Distinction of Primary Adrenal Cortical Lesions From Metastatic Clear Cell Renal Cell Carcinoma: A Study of 248 Cases** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Sangoi, A. R., Fujiwara, M., West, R. B., Montgomery, K. D., Bonventre, J. V., Higgins, J. P., Rouse, R. V., Gokden, N., McKenney, J. K.
2011; 35 (5): 678-686
- **Expression of Subtype-Specific Group 1 Leiomyosarcoma Markers in a Wide Variety of Sarcomas by Gene Expression Analysis and Immunohistochemistry** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Mills, A. M., Beck, A. H., Montgomery, K. D., Zhu, S. X., Espinosa, I., Lee, C., Subramanian, S., Fletcher, C. D., van de Rijn, M., West, R. B.
2011; 35 (4): 583-589
- **Endogenous Versus Tumor-Specific Host Response to Breast Carcinoma: A Study of Stromal Response in Synchronous Breast Primaries and Biopsy Site Changes** *CLINICAL CANCER RESEARCH*
Wu, J. M., Beck, A. H., Pate, L. L., Witten, D., Zhu, S. X., Montgomery, K. D., Allison, K. H., van de Rijn, M., West, R. B.
2011; 17 (3): 437-446
- **Long Non-Coding RNA Expression Levels Correlate with Proliferation Index in Breast Carcinoma**
Chisholm, K. M., Li, R., Wan, Y., Chang, H. Y., West, R. B.
NATURE PUBLISHING GROUP.2011: 31A-32A
- **Beta-Adrenergic Receptor Expression in Adult Vascular Tumors**
Chisholm, K. M., Chang, K. W., Truong, M. T., Kwok, S., West, R., Heerema-McKenney, A. E.
NATURE PUBLISHING GROUP.2011: 10A-11A
- **Beta-Adrenergic Receptor Expression in Adult Vascular Tumors**
Chisholm, K. M., Chang, K. W., Truong, M. T., Kwok, S., West, R., Heerema-McKenney, A. E.

NATURE PUBLISHING GROUP.2011: 10A–11A

- **ROR2: A Potential Therapeutic Target in Soft Tissue Tumors**
Edris, B., Espinosa, I., Beck, A. H., Lee, C., Lazar, A. J., Lev, D., Fletcher, J. A., West, R. B., Nusse, R., van de Rijn, M.
NATURE PUBLISHING GROUP.2011: 13A
- **SOX10 and S100 in the Diagnosis of Soft Tissue Neoplasms.**
Karamchandani, J. R., Nielsen, T., Van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2011: 16A
- **SOX10 and S100 in the Diagnosis of Soft Tissue Neoplasms**
Karamchandani, J. R., Nielsen, T., de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2011: 16A
- **Long Non-Coding RNA Expression Levels Correlate with Proliferation Index in Breast Carcinoma.**
Chisholm, K. M., Li, R., Wan, Y., Chang, H. Y., West, R. B.
NATURE PUBLISHING GROUP.2011: 31A–32A
- **PAX8 and WT1 Are Superior to PAX2 and BRST2 in Distinguishing Mullerian Tract Tumors from Breast Carcinomas** *100th Annual Meeting United States-and-Canadian-Academy-of-Pathology*
DiMaio, M. A., Beck, A. H., Montgomery, K. D., West, R. B., Longacre, T. A., Kong, C. S.
NATURE PUBLISHING GROUP.2011: 243A–243A
- **PAX8 and WT1 Are Superior to PAX2 and BRST2 in Distinguishing Mullerian Tract Tumors from Breast Carcinomas.** *100th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
DiMaio, M. A., Beck, A. H., Montgomery, K. D., West, R. B., Longacre, T. A., Kong, C. S.
NATURE PUBLISHING GROUP.2011: 243A–243A
- **Computational Image Analysis Identifies New Morphologic Features That Predict Breast Cancer Outcome.** *100th Annual Meeting United States-and-Canadian-Academy-of-Pathology*
Beck, A. H., West, R. B., van De Vijver, M., Koller, D.
NATURE PUBLISHING GROUP.2011: 28A–28A
- **CSF1-Response Signature Is Associated with Tumor Angiogenesis in Non-Gynecological Leiomyosarcoma** *100th Annual Meeting United States-and-Canadian-Academy-of-Pathology*
Espinosa, I., Beck, A., Edris, B., Lee, C., West, R., van de Rijn, M.
NATURE PUBLISHING GROUP.2011: 13A–13A
- **CSF1-Response Signature Is Associated with Tumor Angiogenesis in Non-Gynecological Leiomyosarcoma** *100th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Espinosa, I., Beck, A., Edris, B., Lee, C., West, R., van de Rijn, M.
NATURE PUBLISHING GROUP.2011: 13A–13A
- **Computational Image Analysis Identifies New Morphologic Features That Predict Breast Cancer Outcome** *100th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Beck, A. H., West, R. B., van De Vijver, M., Koller, D.
NATURE PUBLISHING GROUP.2011: 28A–28A
- **The Prognostic Value of Tumor-Associated Macrophages in Leiomyosarcoma A Single Institution Study** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*
Ganjoo, K. N., Witten, D., Patel, M., Espinosa, I., La, T., Tibshirani, R., van de Rijn, M., Jacobs, C., West, R. B.
2011; 34 (1): 82-86
- **MYB Expression and Translocation in Adenoid Cystic Carcinomas and Other Salivary Gland Tumors With Clinicopathologic Correlation** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
West, R. B., Kong, C., Clarke, N., Gilks, T., Lipsick, J. S., Cao, H., Kwok, S., Montgomery, K. D., Varma, S., Le, Q.
2011; 35 (1): 92-99
- **The Relationship between Histologic Grade, Ethnicity, EBV, and HPV Status in Nasopharyngeal Carcinoma**
Khong, B., Cao, H., Kwok, S., West, R., Kong, C. S., Le, Q.
ELSEVIER SCIENCE INC.2011: S177

- **Variations in stromal signatures in breast and colorectal cancer metastases** *JOURNAL OF PATHOLOGY*
Webster, J. A., Beck, A. H., Sharma, M., Espinosa, I., Weigelt, B., Schreuder, M., Montgomery, K. D., Jensen, K. C., van de Rijn, M., West, R.
2010; 222 (2): 158-165
- **Analysis of stromal signatures in the tumor microenvironment of ductal carcinoma in situ** *BREAST CANCER RESEARCH AND TREATMENT*
Sharma, M., Beck, A. H., Webster, J. A., Espinosa, I., Montgomery, K., Varma, S., van de Rijn, M., Jensen, K. C., West, R. B.
2010; 123 (2): 397-404
- **Expression Profiling in Soft Tissue Sarcomas With Emphasis on Synovial Sarcoma, Gastrointestinal Stromal Tumor, and Leiomyosarcoma** *ADVANCES IN ANATOMIC PATHOLOGY*
West, R. B.
2010; 17 (5): 366-373
- **DOG1 for the Diagnosis of Gastrointestinal Stromal Tumor (GIST): Comparison Between 2 Different Antibodies** *APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY*
Lopes, L. F., West, R. B., Bacchi, L. M., van de Rijn, M., Bacchi, C. E.
2010; 18 (4): 333-337
- **Long non-coding RNA HOTAIR reprograms chromatin state to promote cancer metastasis** *NATURE*
Gupta, R. A., Shah, N., Wang, K. C., Kim, J., Horlings, H. M., Wong, D. J., Tsai, M., Hung, T., Argani, P., Rinn, J. L., Wang, Y., Brzoska, P., Kong, et al
2010; 464 (7291): 1071-U148
- **Translating Gene Expression Into Clinical Care: Sarcomas As a Paradigm** *JOURNAL OF CLINICAL ONCOLOGY*
Nielsen, T. O., West, R. B.
2010; 28 (10): 1796-1805
- **Discovery of molecular subtypes in leiomyosarcoma through integrative molecular profiling** *ONCOGENE*
Beck, A. H., Lee, C., WITTEN, D. M., Gleason, B. C., Edris, B., Espinosa, I., Zhu, S., Li, R., Montgomery, K. D., Marinelli, R. J., Tibshirani, R., Hastie, T., Jablons, et al
2010; 29 (6): 845-854
- **Gene expression profiling for the investigation of soft tissue sarcoma pathogenesis and the identification of diagnostic, prognostic, and predictive biomarkers** *VIRCHOWS ARCHIV*
Beck, A. H., West, R. B., van de Rijn, M.
2010; 456 (2): 141-151
- **3'-End Sequencing for Expression Quantification (3SEQ) from Archival Tumor Samples**
Beck, A. H., Weng, Z., Witten, D. M., Zhu, S., Foley, J. W., Lacroute, P., Smith, C. L., Tibshirani, R., van de Rijn, M., Sidow, A., West, R. B.
NATURE PUBLISHING GROUP.2010: 384A
- **3'-End Sequencing for Expression Quantification (3SEQ) from Archival Tumor Samples**
Beck, A. H., Weng, Z., Witten, D. M., Zhu, S., Foley, J. W., Lacroute, P., Smith, C. L., Tibshirani, R., van de Rijn, M., Sidow, A., West, R. B.
NATURE PUBLISHING GROUP.2010: 384A
- **Meta-Mining of Gene Expression Profiles Identifies MG132 and Cantharidin as Therapeutic Agents with In Vitro Activity Against Leiomyosarcoma**
Edris, B., West, R. B., Lee, C. H., Zhu, M., Fletcher, J., Van de Rijn, M., Beck, A. H.
NATURE PUBLISHING GROUP.2010: 19A
- **Expression of Group I Leiomyosarcoma Markers by Gene Expression Analysis and Immunohistochemistry in a Subset of Undifferentiated Pleomorphic Sarcomas**
Mills, A. M., Beck, A. H., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2010: 24A–25A
- **Expression of Group I Leiomyosarcoma Markers by Gene Expression Analysis and Immunohistochemistry in a Subset of Undifferentiated Pleomorphic Sarcomas**
Mills, A. M., Beck, A. H., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2010: 24A–25A
- **Loss of Stromal Caveolin-1 Independently Predicts Poor Disease-Free Survival and Time to Recurrence in Patients with Prostate Cancer**
Wagner, M., Dasgupta, A., Sotgia, F., West, R. B., Lisanti, M. P., Witkiewicz, A. K.

NATURE PUBLISHING GROUP.2010: 226A

- **Histologic and Immunophenotypic Comparison of Estrogen Receptor (ER)-Positive Breast Cancers in BRCA1 Mutation Carriers and Sporadic ER-Positive Breast Cancers: A Case-Control Study**
Kaplan, J., Schnitt, S., Collins, L., Wang, Y., Garber, J., Montgomery, K., West, R., Tung, N.
NATURE PUBLISHING GROUP.2010: 55A
- **Variations in Stromal Signatures in Breast Cancer Metastases**
Webster, J. A., Beck, A. H., Sharma, M., Espinosa, I., Schreuder, M., Montgomery, K. D., Jensen, K. C., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2010: 77A
- **Loss of Stromal Caveolin-1 Independently Predicts Poor Disease-Free Survival and Time to Recurrence in Patients with Prostate Cancer** *99th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Wagner, M., Dasgupta, A., Sotgia, F., West, R. B., Lisanti, M. P., Witkiewicz, A. K.
NATURE PUBLISHING GROUP.2010: 226A–226A
- **Meta-Mining of Gene Expression Profiles Identifies MG132 and Cantharidin as Therapeutic Agents with In Vitro Activity Against Leiomyosarcoma** *99th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Edris, B., West, R. B., Lee, C. H., Zhu, M., Fletcher, J., van de Rijn, M., Beck, A. H.
NATURE PUBLISHING GROUP.2010: 19A–19A
- **Fibroblast-Like Stromal Response Is Host-Dependent While Macrophage-Associated Stromal Response Is Tumor-Dependent: A Study of Stromal Response in Paired Breast Carcinomas from Patients with Dual Primaries** *99th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Wu, J. M., Beck, A. H., WITTEN, D., Allison, K., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2010: 79A–79A
- **Histologic and Immunophenotypic Comparison of Estrogen Receptor (ER)-Positive Breast Cancers in BRCA1 Mutation Carriers and Sporadic ER-Positive Breast Cancers: A Case-Control Study** *99th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Kaplan, J., Schnitt, S., Collins, L., Wang, Y., Garber, J., Montgomery, K., West, R., Tung, N.
NATURE PUBLISHING GROUP.2010: 55A–55A
- **Variations in Stromal Signatures in Breast Cancer Metastases** *99th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Webster, J. A., Beck, A. H., Sharma, M., Espinosa, I., Schreuder, M., Montgomery, K. D., Jensen, K. C., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2010: 77A–77A
- **3'-End Sequencing for Expression Quantification (3SEQ) from Archival Tumor Samples** *PLOS ONE*
Beck, A. H., Weng, Z., Witten, D. M., Zhu, S., Foley, J. W., Lacroute, P., Smith, C. L., Tibshirani, R., van de Rijn, M., Sidow, A., West, R. B.
2010; 5 (1)
- **Genome-wide transcriptome analyses reveal p53 inactivation mediated loss of miR-34a expression in malignant peripheral nerve sheath tumours** *JOURNAL OF PATHOLOGY*
Subramanian, S., Thayanithy, V., West, R. B., Lee, C., Beck, A. H., Zhu, S., Downs-Kelly, E., Montgomery, K., Goldblum, J. R., Hogendoom, P. C., Corless, C. L., Oliveira, A. M., Dry, et al
2010; 220 (1): 58-70
- **Breast Angiosarcoma: Case Series and Expression of Vascular Endothelial Growth Factor.** *Case reports in oncology*
Brar, R., West, R., Witten, D., Raman, B., Jacobs, C., Ganjoo, K.
2009; 2 (3): 242-250
- **HER2 Intermediate Breast Cancers** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Jensen, K. C., Nielsen, T. O., Gilks, C. B., West, R. B.
2009; 33 (11): 1739-1739
- **Microtubule-associated Protein-2 is a Sensitive Marker of Primary and Metastatic Neuroblastoma** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Krishnan, C., Higgins, J. P., West, R. B., Natkunam, Y., Heerema-McKenney, A., Arber, D. A.
2009; 33 (11): 1695-1704
- **EXTERNAL BEAM RADIATION THERAPY ENHANCES LOCAL CONTROL IN PIGMENTED VILLONODULAR SYNOVITIS** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Horoschak, M., Tran, P. T., Bachireddy, P., West, R. B., Mohler, D., Beaulieu, C. F., Kapp, D. S., Donaldson, S. S.
2009; 75 (1): 183-187

- **Expression of insulin-like growth factor 2 in mesenchymal neoplasms** *MODERN PATHOLOGY*
Steigen, S. E., Schaeffer, D. F., West, R. B., Nielsen, T. O.
2009; 22 (7): 914-921
- **Coordinate Expression of Colony-Stimulating Factor-1 and Colony-Stimulating Factor-1-Related Proteins Is Associated with Poor Prognosis in Gynecological and Nongynecological Leiomyosarcoma** *AMERICAN JOURNAL OF PATHOLOGY*
Espinosa, I., Beck, A. H., Lee, C., Zhu, S., Montgomery, K. D., Marinelli, R. J., Ganjoo, K. N., Nielsen, T. O., Gilks, C. B., West, R. B., van de Rijn, M.
2009; 174 (6): 2347-2356
- **Ano1 is a selective marker of interstitial cells of Cajal in the human and mouse gastrointestinal tract** *AMERICAN JOURNAL OF PHYSIOLOGY-GASTROINTESTINAL AND LIVER PHYSIOLOGY*
Gomez-Pinilla, P. J., Gibbons, S. J., Bardsley, M. R., Lorincz, A., Pozo, M. J., Pasricha, P. J., van de Rijn, M., West, R. B., Sarr, M. G., Kendrick, M. L., Cima, R. R., Dozois, E. J., Larson, et al
2009; 296 (6): G1370-G1381
- **Inter-observer reproducibility of HER2 immunohistochemical assessment and concordance with fluorescent in situ hybridization (FISH): pathologist assessment compared to quantitative image analysis** *BMC CANCER*
Turashvili, G., Leung, S., Turbin, D., Montgomery, K., Gilks, B., West, R., Carrier, M., Huntsman, D., Aparicio, S.
2009; 9
- **MOC-31 Exhibits Superior Reactivity Compared With Ber-EP4 in Invasive Lobular and Ductal Carcinoma of the Breast A Tissue Microarray Study** *APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY*
Pai, R. K., West, R. B.
2009; 17 (3): 202-206
- **LC3-mediated fibronectin mRNA translation induces fibrosarcoma growth by increasing connective tissue growth factor** *JOURNAL OF CELL SCIENCE*
Ying, L., Lau, A., Alvira, C. M., West, R., Cann, G. M., Zhou, B., Kinnear, C., Jan, E., Sarnow, P., van de Rijn, M., Rabinovitch, M.
2009; 122 (9): 1441-1451
- **A compact VEGF signature associated with distant metastases and poor outcomes** *BMC MEDICINE*
Hu, Z., Fan, C., Livasy, C., He, X., Oh, D. S., Ewend, M. G., Carey, L. A., Subramanian, S., West, R., Ikpatt, F., Olopade, O. I., van de Rijn, M., Perou, et al
2009; 7
- **The Macrophage Colony-Stimulating Factor 1 Response Signature in Breast Carcinoma** *CLINICAL CANCER RESEARCH*
Beck, A. H., Espinosa, I., Edris, B., Li, R., Montgomery, K., Zhu, S., Varma, S., Marinelli, R. J., van de Rijn, M., West, R. B.
2009; 15 (3): 778-787
- **The Transcription Factor LMO2 Is a Robust Marker of Vascular Endothelium and Vascular Neoplasms and Selected Other Entities** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Gratzinger, D., Zhao, S., West, R., Rouse, R. V., Vogel, H., Gil, E. C., Levy, R., Lossos, I. S., Natkunam, Y.
2009; 131 (2): 264-278
- **Discovery of Molecular Subtypes in Leiomyosarcoma through Integrative Molecular Profiling** *98th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Beck, A. H., Lee, C. H., WITTEN, D. M., Zhou, S., Montgomery, K., Tibshirani, R., Hastie, T., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2009: 368A-368A
- **Breast Scar Gene Expression Profiles Overlap with Tumor Stroma Response Signatures**
Pate, L. L., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2009: 62A
- **CSF-1 and Fibromatosis Expression in Stroma of Ductal Carcinoma In Situ**
Sharma, M., Espinosa, I., Beck, A. H., Webster, J. A., Montgomery, K. D., van de Rijn, M., Jensen, K. C., West, R. B.
NATURE PUBLISHING GROUP.2009: 67A
- **Breast Scar Gene Expression Profiles Overlap with Tumor Stroma Response Signatures**
Pate, L. L., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2009: 62A
- **Breast Angiosarcoma: Case Series and Expression of Vascular Endothelial Growth Factor** *CASE REPORTS IN ONCOLOGY*
Brar, R., West, R., Witten, D., Raman, B., Jacobs, C., Ganjoo, K.

2009; 2 (3): 242-50

- **Discovery of Molecular Subtypes in Leiomyosarcoma through Integrative Molecular Profiling** *98th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Beck, A. H., Lee, C. H., WITTEN, D. M., Zhou, S., Montgomery, K., Tibshirani, R., Hastie, T., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2009: 368A-368A
- **CSF-1 and Fibromatosis Expression in Stroma of Ductal Carcinoma In Situ** *98th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Sharma, M., Espinosa, I., Beck, A. H., Webster, J. A., Montgomery, K. D., van de Rijn, M., Jensen, K. C., West, R. B.
NATURE PUBLISHING GROUP.2009: 67A-67A
- **Characterization of a novel anti-fatty acid synthase (FASN) antiserum in breast tissue** *97th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Jensen, K. C., Schaeffer, D. F., Cheang, M., Montgomery, K., West, R. B., Gilks, C. B., Ross, D., Turashvili, G., Schnitt, S., van de Rijn, M.
NATURE PUBLISHING GROUP.2008: 1413-20
- **New cutpoints to identify increased HER2 copy number: analysis of a large, population-based cohort with long-term follow-up** *BREAST CANCER RESEARCH AND TREATMENT*
Jensen, K. C., Turbin, D. A., Leung, S., Miller, M. A., Johnson, K., Norris, B., Hastie, T., McKinney, S., Nielsen, T. O., Huntsman, D. G., Gilks, C. B., West, R. B.
2008; 112 (3): 453-459
- **KIT Gene Mutations and Copy Number in Melanoma Subtypes** *CLINICAL CANCER RESEARCH*
Beadling, C., Jacobson-Dunlop, E., Hodi, F. S., Le, C., Warrick, A., Patterson, J., Town, A., Harlow, A., Cruz, F., Azar, S., Rubin, B. P., Muller, S., West, et al
2008; 14 (21): 6821-6828
- **Immunohistochemical and Biogenetic Features of Diffuse-Type Tenosynovial Giant Cell Tumors: The Potential Roles of Cyclin A, P53, and Deletion of 15q in Sarcomatous Transformation** *CLINICAL CANCER RESEARCH*
Huang, H., West, R. B., Tzeng, C., van de Rijn, M., Wang, J., Chou, S., Huang, W., Eng, H., Lin, C., Yu, S., Wu, J., Lu, C., Li, et al
2008; 14 (19): 6023-6032
- **Diagnostic implications of podoplanin expression in peripheral nerve sheath neoplasms** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Jokinen, C. H., Dadras, S. S., Goldblum, J. R., van de Rijn, M., West, R. B., Rubin, B. P.
2008; 129 (6): 886-893
- **The fibromatosis signature defines a robust stromal response in breast carcinoma** *LABORATORY INVESTIGATION*
Beck, A. H., Espinosa, I., Gilks, C. B., van de Rijn, M., West, R. B.
2008; 88 (6): 591-601
- **Predictive value of tumor associated histiocytes in patients with leiomyosarcoma**
Ganjoo, K. N., WITTEN, D., Patel, M., Espinosa, I., La, T., West, R., Jacobs, C., van de Rijn, M.
AMER SOC CLINICAL ONCOLOGY.2008
- **Gene expression profiling identifies p63 as a diagnostic marker for giant cell tumor of the bone** *MODERN PATHOLOGY*
Lee, C., Espinosa, I., Jensen, K. C., Subramanian, S., Zhu, S. X., Varma, S., Montgomery, K. D., Nielsen, T. O., van de Rijn, M., West, R. B.
2008; 21 (5): 531-539
- **Prognostic significance of macrophage infiltration in leiomyosarcomas** *CLINICAL CANCER RESEARCH*
Lee, C., Espinosa, I., Vrijaldenhoven, S., Subramanian, S., Montgomery, K. D., Zhu, S., Marinelli, R. J., Peterse, J. L., Poulin, N., Nielsen, T. O., West, R. B., Gilks, C. B., van de Rijn, et al
2008; 14 (5): 1423-1430
- **A novel monoclonal antibody against DOG1 is a sensitive and specific marker for gastrointestinal stromal tumors** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Espinosa, I., Lee, C., Kim, M. K., Rouse, B., Subramanian, S., Montgomery, K., Varma, S., Corless, C. L., Heinrich, M. C., Smith, K. S., Wang, Z., Rubin, B., Nielsen, et al
2008; 32 (2): 210-218
- **The Stanford Tissue Microarray Database** *NUCLEIC ACIDS RESEARCH*
Marinelli, R. J., Montgomery, K., Liu, C. L., Shah, N. H., Prapong, W., Nitzberg, M., Zachariah, Z. K., Sherlock, G. J., Natkunam, Y., West, R. B., van de Rijn, M., Brown, P. O., Ball, et al
2008; 36: D871-D877

- **The fibromatosis stromal signature in breast carcinoma**
Beck, A. H., Espinosa, I., Cheang, M. C., Nielsen, T. O., De Rijn, J., West, R. B.
NATURE PUBLISHING GROUP.2008: 23A
- **The CSF-1 response signature in breast carcinoma**
Beck, A. H., Espinosa, I., De Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2008: 22A
- **The fibromatosis stromal signature in breast carcinoma**
Beck, A. H., Espinosa, L., Cheang, M. C., Nielsen, T. O., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2008: 23A
- **Coordinate expression of colony stimulating factor-1 (CSF1) and CSF1 related proteins is associated with poor prognosis in leiomyosarcoma**
Espinosa, I., Beck, A., Lee, C., Vielsen, T. O., Blake, G., West, R. B., van de Rijn, M.
NATURE PUBLISHING GROUP.2008: 12A
- **HER2 status in a large, population-based cohort: Analysis of distinct HER2 subgroups**
Jensen, K. C., Turbin, D. A., Leung, S., Miller, M. A., Johnson, K., Norris, B., Hastie, T., McKinney, S., Nielsen, T. O., Huntsman, D. G., Gilks, C. B., West, R. B.
NATURE PUBLISHING GROUP.2008: 39A
- **Periostin (POSTN, OSF2) expression in stroma of normal breast tissue and pre-invasive breast lesions**
Espinosa, I., Collins, L. C., West, R. B., Schnitt, S. J., van de Ryn, M.
NATURE PUBLISHING GROUP.2008: 30A
- **Periostin (POSTN, OSF2) expression in stroma of normal breast tissue and pre-invasive breast lesions**
Espinosa, I., Collins, L. C., West, R. B., Schnitt, S. J., van de Rijn, M.
NATURE PUBLISHING GROUP.2008: 30A
- **The CSF-1 response signature in breast carcinoma** *97th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Beck, A. B., Espinosa, I., van de Rijn, M., West, R. B.
NATURE PUBLISHING GROUP.2008: 22A–22A
- **A novel breast carcinoma stromal response defined by the Nodular Fasciitis gene signature** *50th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology (ASTRO)*
Cho, N. K., Beck, A. H., Espinosa, I., Montgomery, K., Zhu, S., van de Rijn, M., West, R. B.
ELSEVIER SCIENCE INC.2008: S686–S686
- **HER2 status in a large, population-based cohort: Analysis of distinct HER2 subgroups** *97th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Jensen, K. C., Turbin, D. A., Leung, S., Miller, M. A., Johnson, K., Norris, B., Hastie, T., McKinney, S., Nielsen, T. O., Huntsman, D. G., Gilks, C. B., West, R. B.
NATURE PUBLISHING GROUP.2008: 39A–39A
- **Experimental approaches to the study of cancer-stroma interactions: recent findings suggest a pivotal role for stroma in carcinogenesis** *LABORATORY INVESTIGATION*
West, R. B., De Rijn, M. V.
2007; 87 (10): 967-970
- **Translocation and expression of CSF1 in pigmented villonodular synovitis, tenosynovial giant cell tumor, rheumatoid arthritis and other reactive synovitides** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Cupp, J. S., Miller, M. A., Montgomery, K. D., Nielsen, T. O., O'Connell, J. X., Huntsman, D., van de Rijn, M., Gilks, C. B., West, R. B.
2007; 31 (6): 970-976
- **Oncogenic regulators and substrates of the anaphase promoting complex/cyclosome are frequently overexpressed in malignant tumors** *AMERICAN JOURNAL OF PATHOLOGY*
Lehman, N. L., Tibshirani, R., Hsu, J. Y., Natkunam, Y., Harris, B. T., West, R. B., Masek, M. A., Montgomery, K., van de Rijn, M., Jackson, P. K.
2007; 170 (5): 1793-1805
- **Comparison of a new mouse monoclonal Anti-HER2/neu antibody to a rabbit polyclonal antibody** *96th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Turbin, D. A., Jensen, K., Leung, S., McKinney, S. E., Huntsman, D. G., Gilks, C. B., West, R. B.

NATURE PUBLISHING GROUP.2007: 52A–52A

- **Evaluation of Her-2/neu status in carcinomas with amplified chromosome 17 centromere locus** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Troxell, M. L., Bangs, C. D., Lawce, H. J., Galperin, I. B., Baiyee, D., West, R. B., Olson, S. B., Cherry, A. M.
2006; 126 (5): 709-716
- **Bone morphogenetic protein antagonist gremlin 1 is widely expressed by cancer-associated stromal cells and can promote tumor cell proliferation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Sneddon, J. B., Zhen, H. H., Montgomery, K., van de Rijn, M., Tward, A. D., West, R., Gladstone, H., Chang, H. Y., Morganroth, G. S., Oro, A. E., Brown, P. O.
2006; 103 (40): 14842-14847
- **Upregulation of histidine decarboxylase expression in superficial cortical nephrons during pregnancy in mice and women** *KIDNEY INTERNATIONAL*
Morgan, T. K., Montgomery, K., Mason, V., West, R. B., Wang, L., van de Rijn, M., Higgins, J. P.
2006; 70 (2): 306-314
- **A landscape effect in tenosynovial giant-cell tumor from activation of CSF1 expression by a translocation in a minority of tumor cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
West, R. B., Rubin, B. P., Miller, M. A., Subramanian, S., Kaygusuz, G., Montgomery, K., Zhu, S., Marinelli, R. J., De Luca, A., Downs-Kelly, E., Goldblum, J. R., Corless, C. L., Brown, et al
2006; 103 (3): 690-695
- **The role of microarray technologies in the study of soft tissue tumours** *HISTOPATHOLOGY*
West, R. B., van de Rijn, M.
2006; 48 (1): 22-31
- **Epidermal growth factor receptor (EGFR) expression and gene amplification in a spectrum of spindle cell soft tissue neoplasms: A fluorescence in situ hybridization (FISH) and immunohistochemical (IHC) study** *95th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Larson, A. J., Downs-Kelley, E., Skacel, M., Tubbs, R. R., Rubin, B. P., van de Rijn, M., West, R. B., Corless, C., Chiesa, A., Goldblum, J. R.
NATURE PUBLISHING GROUP.2006: 14A–14A
- **Translocation and expression of CSF1 in pigmented villonodular synovitis, tenosynovial giant cell tumors, and reactive synovial lesions** *95th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Cupp, J. S., Rubin, B. P., Miller, M. A., Subramanian, S., Montgomery, K., Marinelli, R. J., De Luca, A., Nielsen, T. O., O'Connell, J. X., Huntsman, D., van de Rijn, M., Gilks, C. B., West, et al
NATURE PUBLISHING GROUP.2006: 10A–10A
- **Heat-shock protein-90 (HSP-90) expression in a spectrum of benign and malignant spindle cell neoplasms: An immunohistochemical study** *95th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Larson, A. J., Downs-Kelley, E., Skacel, M., Nielsen, T. O., Ruttan, C., van de Rijn, M., West, R. B., Rubin, B. P., Corless, C., Goldblum, J. R.
NATURE PUBLISHING GROUP.2006: 13A–14A
- **TMA-combiner, a simple software tool to permit analysis of replicate cores on tissue microarrays** *MODERN PATHOLOGY*
Liu, C. L., Montgomery, K. D., Natkunam, Y., West, R. B., Nielsen, T. O., Cheang, M. C., Turbin, D. A., Marinelli, R. J., van de Rijn, M., Higgins, J. P.
2005; 18 (12): 1641-1648
- **The gene expression profile of extraskeletal myxoid chondrosarcoma** *JOURNAL OF PATHOLOGY*
Subramanian, S., West, R. B., Marinelli, R. J., Nielsen, T. O., Rubin, B. P., Goldblum, J. R., Patel, R. M., Zhu, S., Montgomery, K., Ng, T. L., Corless, C. L., Heinrich, M. C., van de Rijn, et al
2005; 206 (4): 433-444
- **Determination of stromal signatures in breast carcinoma** *PLOS BIOLOGY*
West, R. B., Nuyten, D. S., Subramanian, S., Nielsen, T. O., Corless, C. L., Rubin, B. P., Montgomery, K., Zhu, S., Patel, R., Hernandez-Boussard, T., Goldblum, J. R., Brown, P. O., van De Vijver, et al
2005; 3 (6): 1101-1110
- **Expression of CD163 (hemoglobin scavenger receptor) in normal tissues, lymphomas, carcinomas, and sarcomas is largely restricted to the monocyte/macrophage lineage** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Nguyen, T. D., Schwartz, E. J., West, R. B., Warnke, R. A., Arber, D. A., Natkunam, Y.
2005; 29 (5): 617-624
- **Nuclear beta-catenin in mesenchymal tumors** *MODERN PATHOLOGY*
Ng, T. L., GOWN, A. M., Barry, T. S., Cheang, M. C., Chan, A. K., Turbin, D. A., Hsu, F. D., West, R. B., Nielsen, T. O.

2005; 18 (1): 68-74

- **Characterization of anti-fatty acid synthase expression in normal breast and breast cancer.** *28th Annual San Antonio Breast Cancer Symposium*
Jensen, K. C., Montgomery, K., West, R. B., van de Rijn, J. M.
SPRINGER.2005: S282-S282
- **CSF1R expression in soft tissue tumors** *94th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
West, R. B., Kaygusuz, G., Subramanian, S., Corless, C. L., Rubin, B. P., Montgomery, K., Zhu, S. X., Nielsen, T. I., Patel, R., Goldblum, J. R., Brown, P. O.
NATURE PUBLISHING GROUP.2005: 23A-23A
- **CSF1 expression signature identifies a subset of breast carcinomas and influences outcome.** *28th Annual San Antonio Breast Cancer Symposium*
West, R. B., Horlings, H., Nuyten, D. S., Subramanian, S., Zhu, S. X., Miller, M., Rubin, B. P., Nielsen, T. O., Gilks, C. B., Huntsman, D. G., Tibshirani, R., van De Vijver, M., van de Rijn, et al
SPRINGER.2005: S135-S135
- **Stromal expression signatures predict outcome in breast carcinoma** *94th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
West, R. B., Nuyten, D. S., Subramanian, S., Corless, C., Rubin, B. P., Montgomery, K., Zhu, S. X., Nielsen, T. O., Patel, R., Goldblum, J. R., Brown, P. O., van De Vijver, M., van de Rijn, et al
NATURE PUBLISHING GROUP.2005: 55A-55A
- **Novel gene ANKS1 expression in gastrointestinal stromal tumors** *94th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Kalof, A. N., West, R. B., Subramanian, S., Zhu, S., Montgomery, K., Nielsen, T. O., Goldblum, J. R., Patel, R., Rubin, B. P., Van de Rijn, M.
NATURE PUBLISHING GROUP.2005: 16A-16A
- **Gastrointestinal stromal tumors (GISTs) with KIT and PDGFRA mutations have distinct gene expression profiles** *ONCOGENE*
Subramanian, S., West, R. B., Corless, C. L., Ou, W. B., Rubin, B. P., Chu, K. M., Leung, S. Y., Yuen, S. T., Zhu, S., Hernandez-Boussard, T., Montgomery, K., Nielsen, T. O., Patel, et al
2004; 23 (47): 7780-7790
- **CD117 expression in mesothelioma** *MODERN PATHOLOGY*
Arber, D. A., Weiss, L. M., West, R. B.
2004; 17 (8): 1021-1021
- **Apo D in soft tissue tumors - A novel marker for dermatofibrosarcoma protuberans** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
West, R. B., Harvell, J., Linn, S. C., Lui, C. L., Prapong, W., Hernandez-Boussard, T., Montgomery, K., Nielsen, T. O., Rubin, B. P., Patel, R., Goldblum, J. R., Brown, P. O., van de Rijn, et al
2004; 28 (8): 1063-1069
- **The novel marker, DOG1, is expressed ubiquitously in gastrointestinal stromal tumors irrespective of KIT or PDGFRA mutation status** *AMERICAN JOURNAL OF PATHOLOGY*
West, R. B., Corless, C. L., Chen, X., Rubin, B. P., Subramanian, S., Montgomery, K., Zhu, S., Ball, C. A., Nielsen, T. O., Patel, R., Goldblum, J. R., Brown, P. O., Heinrich, et al
2004; 165 (1): 107-113
- **Gene expression signature of fibroblast serum response predicts human cancer progression: similarities between tumors and wounds.** *PLoS biology*
Chang, H. Y., Sneddon, J. B., Alizadeh, A. A., Sood, R., West, R. B., Montgomery, K., Chi, J., van de Rijn, M., Botstein, D., Brown, P. O.
2004; 2 (2): E7-?
- **Gene expression signature of fibroblast serum response predicts human cancer progression: Similarities between tumors and wounds** *PLOS BIOLOGY*
Chang, H. Y., Sneddon, J. B., Alizadeh, A. A., Sood, R., West, R. B., Montgomery, K., Chi, J. T., van de Rijn, M., Botstein, D., Brown, P. O.
2004; 2 (2): 206-214
- **Gene expression patterns and gene copy number changes in dermatofibrosarcoma protuberans** *AMERICAN JOURNAL OF PATHOLOGY*
Linn, S. C., West, R. B., Pollack, J. R., Zhu, S., Hernandez-Boussard, T., Nielsen, T. O., Rubin, B. P., Patel, R., Goldblum, J. R., Siegmund, D., Botstein, D., Brown, P. O., Gilks, et al
2003; 163 (6): 2383-2395
- **Tissue microarray validation of epidermal growth factor receptor and SALL2 in synovial sarcoma with comparison to tumors of similar histology** *AMERICAN JOURNAL OF PATHOLOGY*
Nielsen, T. O., Hsu, F. D., O'Connell, J. X., Gilks, C. B., Sorensen, P. H., Linn, S., West, R. B., Liu, C. L., Botstein, D., Brown, P. O., van de Rijn, M.
2003; 163 (4): 1449-1456

- **Array-based comparative genomic hybridization (ACGH) of dermatofibrosarcoma protuberans (DFSP) on cDNA micorarrays using DNA isolated from fresh frozen and paraffin embedded tissue** *92nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Jensen, K., West, R. B., Zhu, S. X., Linn, S. C., Nielsen, T. O., Goldblum, J. R., Patel, R., Rubin, B. P., Botstein, D., BROWN, P., Pollack, J., Gilks, B., van de Rijn, et al
NATURE PUBLISHING GROUP.2003: 15A–15A
- **Expression profiling of fibromatosis by cDNA gene array analysis** *92nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Cheng, L., West, R. B., Zhu, S., Linn, S. C., Nielsen, T. O., Goldblum, J. R., Patel, R., Rubin, B. P., BROWN, P., Botstein, D., van de Rijn, M.
NATURE PUBLISHING GROUP.2003: 10A–10A
- **Array-based comparative genomic hybridization (ACGH) of dermatofibrosarcoma protuberans (DFSP) on cDNA micorarrays using DNA isolated from fresh frozen and paraffin embedded tissue** *92nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Jensen, K., West, R. B., Zhu, S. X., Linn, S. C., Nielsen, T. O., Goldblum, J. R., Patel, R., Rubin, B. P., Botstein, D., BROWN, P., Pollack, J., Gilks, B., van de Rijn, et al
NATURE PUBLISHING GROUP.2003: 15A–15A
- **Novel gene FLJ10261 in gastrointestinal stromal tumors** *92nd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
West, R. B., Linn, S. C., Nielsen, T. O., Montgomery, K., Goldblum, J. R., Patel, R., Rubin, B. P., BROWN, P., Botstein, D., van de Rijn, M.
NATURE PUBLISHING GROUP.2003: 20A–20A
- **Molecular characterisation of soft tissue tumours: a gene expression study** *LANCET*
Nielsen, T. O., West, R. B., Linn, S. C., Alter, O., Knowling, M. A., O'Connell, J. X., Zhu, S., Fero, M., Sherlock, G., Pollack, J. R., Brown, P. O., Botstein, D., van de Rijn, et al
2002; 359 (9314): 1301-1307
- **The usefulness of immunohistochemistry in the diagnosis of follicular lymphoma in bone marrow biopsy specimens** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
West, R. B., Warnke, R. A., Natkunam, Y.
2002; 117 (4): 636-643
- **The mRNA expression signature of solitary fibrous tumors**
West, R. B., Linn, S. C., Foxman, E., Neilson, T., Zhu, S., Alter, O., Goldblum, J. R., Patel, R., Rubin, B. P., Brown, P. O., Botstein, D., van de Rijn, M.
NATURE PUBLISHING GROUP.2002: 24A–24A
- **Tissue Microarray analysis of known and novel synovial sarcoma markers**
Nielsen, T. O., O'Connell, J. X., Hsu, F. D., West, R. B., Linn, S. C., van de Rijn, M.
NATURE PUBLISHING GROUP.2002: 20A–20A
- **Genome-wide mRNA expression profiling of dermatofibrosarcoma protuberans using cDNA microarrays**
Linn, S. C., West, R. B., Zhu, S., Nielsen, T., Goldblum, J. R., Patel, R., Rubin, B. P., Alter, O., Brown, P. O., Botstein, D., van de Rijn, M.
NATURE PUBLISHING GROUP.2002: 18A–18A
- **Tissue microarray analysis of CD44, p53, Ki-67 and bcl-2 as prognostic markers in rhabdomyosarcoma**
Linn, S. C., West, R. B., Wijnaendts, L. C., Montgomery, K., Mitchell, J., van de Rijn, M.
NATURE PUBLISHING GROUP.2002: 312A–313A
- **Distinction between low grade endometrial stromal sarcoma and smooth muscle tumors by cDNA gene array analysis**
West, R. B., Linn, S. C., Nielsen, T., Zhu, S., Longacre, T., Husain, A., Alter, O., Patel, R., Brown, P. O., Botstein, D., Rubin, B. P., Goldblum, J. R., van de Rijn, et al
NATURE PUBLISHING GROUP.2002: 213A–214A
- **The RAG-HMG1 complex enforces the 12/23 rule of V(D)J recombination specifically at the double-hairpin formation step** *MOLECULAR AND CELLULAR BIOLOGY*
West, R. B., Lieber, M. R.
1998; 18 (11): 6408-6415
- **Productive and nonproductive complexes of Ku and DNA-dependent protein kinase at DNA termini** *MOLECULAR AND CELLULAR BIOLOGY*
West, R. B., Yaneva, M., Lieber, M. R.
1998; 18 (10): 5908-5920
- **Antigen receptor gene rearrangement** *CURRENT OPINION IN IMMUNOLOGY*

Grawunder, U., West, R. B., Lieber, M. R.
1998; 10 (2): 172-180