

Stanford



James L. Zehnder, M.D.

Professor of Pathology (Research) and of Medicine (Hematology) at the Stanford University Medical Center

CLINICAL OFFICES

- **Pathology Department**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Cancer > Hematology
- Hematology
- Pathology
- Pathology and Laboratory Medicine

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Pathology
- Professor - Med Center Line, Medicine - Hematology
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Clinical Pathology, Department of Pathology, Stanford University School of Medicine, (2016- present)
- Director, Coagulation and Molecular Pathology Laboratories, Stanford Hospital, (1995- present)
- Attending Physician, Hematology Service, Stanford Hospital, (1995- present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Internal Medicine , Hematology (2016)
- Board Certification: Hematology, American Board of Internal Medicine (1992)
- Fellowship: Stanford University (1984) CA
- Residency: Stanford University (1984) CA
- Internship: Stanford University School of Medicine (1984) CA

- Board Certification: Internal Medicine, American Board of Internal Medicine (1987)
- Medical Education: Tufts University (1984) MA
- MD, Tufts Univ. School of Medicine , Medicine (1984)
- BA, UC Santa Cruz , Chemistry (1979)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our laboratory focuses on translational research in 2 main areas - genomic approaches to diagnosis and minimal residual disease testing for patients with cancer, and molecular basis of disorders of thrombosis and hemostasis. My clinical focus is in molecular pathology, diagnosis and treatment of disorders of hemostasis and thrombosis and general hematology.

CLINICAL TRIALS

- A Study to Test the Safety of the Investigational Drug Loxo-195 in Children and Adults That May Treat Cancer, Recruiting
- Bone Marrow Grafting for Leukemia and Lymphoma, Recruiting
- A Longitudinal Study of Plasma EBV DNA in Nasopharyngeal Carcinoma From Both Endemic and Non-Endemic Patient Populations, Not Recruiting
- Evaluation of Pathwork Tissue of Origin (TOO) Test for Human Malignancies, Not Recruiting
- Genome-Wide Gene Expression Profiling of Patients With ITP Receiving Thrombopoietin Mimetics, Not Recruiting
- Integrated Whole-Genome Analysis of Hematologic Disorders, Not Recruiting
- Phase 2 Fludarabine, Cytosine Arabinoside and Flutemetamol <Alemtuzumab> in Untreated B-Cell Chronic Lymphocytic Leukemia, Not Recruiting
- Phase 2 Study of Temozolomide to Treat Poor Risk / Refractory Acute Myeloid Leukemia, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Rikiya Yamashita

Publications

PUBLICATIONS

- **Antiphospholipid Antibodies in Patients With Lupus Anticoagulant Prozone Effect.** *American journal of clinical pathology*
Murphy, C. H., Jin, J., Zehnder, J. L.
2019
- **IMPLEMENTATION OF A SEMI-AUTOMATED VON WILLEBRAND FACTOR MULTIMER ASSAY (SEBIA HYDRAGEL 5) IN LABORATORY PRACTICE**
Jin, J., Zehnder, J.
WILEY.2019: 80
- **Clonal Evolution and Changes in Two AML Patients Detected with A Novel Single-Cell DNA Sequencing Platform.** *Scientific reports*
Xu, L., Durruthy-Durruthy, R., Eastburn, D. J., Pellegrino, M., Shah, O., Meyer, E., Zehnder, J.
2019; 9 (1): 11119
- **Indolent In Situ B-Cell Neoplasms With MYC Rearrangements Show Somatic Mutations in MYC and TNFRSF14 by Next-generation Sequencing.** *The American journal of surgical pathology*
Kumar, J., Butzmann, A., Wu, S., Easley, S., Zehnder, J. L., Warnke, R. A., Bangs, C. D., Jangam, D., Cherry, A., Lau, J., Nybakken, G., Ohgami, R. S.
2019

- **Coexistence of BRAF V600E and TERT Promoter Mutations in Low-grade Serous Carcinoma of Ovary Recurring as Carcinosarcoma in a Lymph Node: Report of a Case** *INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY*
Tavallae, M., Steiner, D. F., Zehnder, J. L., Folkins, A. K., Karam, A. K.
2019; 38 (4): 386–92
- **Complete and Prolonged Response to Immune Checkpoint Blockade in POLE-Mutated Colorectal Cancer** *JCO PRECISION ONCOLOGY*
Silberman, R., Steiner, D. F., Lo, A. A., Gomez, A., Zehnder, J. L., Chu, G., Suarez, C. J.
2019; 3: 1–5
- **Revisiting diagnostic criteria for myelodysplastic/myeloproliferative neoplasms with ring sideroblasts and thrombocytosis: Borderline cases without anemia exist** *INTERNATIONAL JOURNAL OF LABORATORY HEMATOLOGY*
Li, P., Shahmarvand, N., Lynch, D., Gotlib, J. R., Merker, J. D., Zehnder, J. L., George, T., Ohgami, R. S.
2019; 41 (3): 345–52
- **Update on diagnostic testing for platelet function disorders: What is practical and useful?** *International journal of laboratory hematology*
Hayward, C. P., Moffat, K. A., Brunet, J., Carlino, S. A., Plumhoff, E., Meijer, P., Zehnder, J. L.
2019; 41 Suppl 1: 26–32
- **Structural Variation Detection by Proximity Ligation from Formalin-Fixed, Paraffin-Embedded Tumor Tissue** *JOURNAL OF MOLECULAR DIAGNOSTICS*
Troll, C. J., Putnam, N. H., Hartley, P. D., Rice, B., Blanchette, M., Siddiqui, S., Ganbat, J., Powers, M. P., Ramakrishnan, R., Kunder, C. A., Bustamante, C. D., Zehnder, J. L., Green, et al
2019; 21 (3): 375–83
- **Update on diagnostic testing for platelet function disorders: What is practical and useful?** *INTERNATIONAL JOURNAL OF LABORATORY HEMATOLOGY*
Hayward, C. M., Moffat, K. A., Brunet, J., Carlino, S. A., Plumhoff, E., Meijer, P., Zehnder, J. L.
2019; 41: 26–32
- **Indolent in situ High-Grade B-cell lymphoma with a MYC Translocation and Mutations Identified by Next Generation Sequencing**
Kumar, J., Wu, S., Butzmann, A., Lau, J., Zehnder, J., Warnke, R., Nybakken, G., Van de Rijn, M., Ohgami, R.
NATURE PUBLISHING GROUP.2019
- **Targeted deep sequencing of cell-free DNA from body cavity fluids with malignant, suspicious, and benign cytology**
Yang, S., Libiran, P., Jones, C., Joshi, R., Lau, H., Stehr, H., Longacre, T., Allison, K., Zehnder, J., Long, S., Berry, G., Kunder, C.
NATURE PUBLISHING GROUP.2019
- **Molecular Profiling of Intraductal Tubulopapillary Neoplasm**
Saleem, A., Stehr, H., Zehnder, J., Kunder, C., Lin, C.
NATURE PUBLISHING GROUP.2019
- **Next-Generation Sequencing for HER2 Status in Breast Cancer: Comparison with Immunohistochemistry and in situ Hybridization by 2018 Focused Update**
Mooney, K., Stehr, H., Kunder, C., Zehnder, J., Allison, K., Lin, C.
NATURE PUBLISHING GROUP.2019
- **Targeted deep sequencing of cell-free DNA from body cavity fluids with malignant, suspicious, and benign cytology**
Yang, S., Libiran, P., Jones, C., Joshi, R., Lau, H., Stehr, H., Longacre, T., Allison, K., Zehnder, J., Long, S., Berry, G., Kunder, C.
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Kumar, J., Wu, S., Butzmann, A., Lau, J., Zehnder, J., Warnke, R., Nybakken, G., Van De Rijn, M., Ohgami, R.

NATURE PUBLISHING GROUP.2019

- **Revisiting diagnostic criteria for myelodysplastic/myeloproliferative neoplasms with ring sideroblasts and thrombocytosis: Borderline cases without anemia exist.** *International journal of laboratory hematology*
Li, P., Shahmarvand, N., Lynch, D., Gotlib, J. R., Merker, J. D., Zehnder, J. L., George, T. I., Ohgami, R. S.
2019
- **Molecular profiling of clear cell adenocarcinoma of the urinary tract.** *Virchows Archiv : an international journal of pathology*
Lin, C. Y., Saleem, A., Stehr, H., Zehnder, J. L., Pinsky, B. A., Kunder, C. A.
2019
- **Morphologic, Immunophenotypic and Molecular Features of Hypermutation in Colorectal Carcinomas with Mutations in DNA Polymerase β (POLE).** *Histopathology*
Forgó, E., Gomez, A. J., Steiner, D., Zehnder, J., Longacre, T. A.
2019
- **High-efficiency CRISPR induction of t(9;11) chromosomal translocations and acute leukemias in human blood stem cells.** *Blood advances*
Jeong, J., Jager, A., Domizi, P., Pavel-Dinu, M., Gojenola, L., Iwasaki, M., Wei, M. C., Pan, F., Zehnder, J. L., Porteus, M. H., Davis, K. L., Cleary, M. L.
2019; 3 (19): 2825–35
- **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
- **Implementation of Whole-Blood Impedance Aggregometry for Heparin-Induced Thrombocytopenia Functional Assay and Case Discussion.** *American journal of clinical pathology*
Jin, J., Baker, S. A., Hall, E. T., Gombar, S., Bao, A., Zehnder, J. L.
2019; 152 (1): 50–58
- **Structural Variation Detection by Proximity Ligation from Formalin-Fixed, Paraffin-Embedded Tumor Tissue.** *The Journal of molecular diagnostics : JMD*
Troll, C. J., Putnam, N. H., Hartley, P. D., Rice, B., Blanchette, M., Siddiqui, S., Ganbat, J., Powers, M. P., Ramakrishnan, R., Kunder, C. A., Bustamante, C. D., Zehnder, J. L., Green, et al
2018
- **Clinical Implementation of Mutational Signature Analysis**
Lawrence, L., Kunder, C., Stehr, H., Zehnder, J.
ELSEVIER SCIENCE INC.2018: 975
- **Tumor Molecular Profiling Aids in Determining Tissue of Origin and Therapy for Metastatic Adenocarcinoma in a Patient With Multiple Primary Malignancies** *JCO PRECISION ONCOLOGY*
Costa, H. A., Reyes, R., Mills, M., Zehnder, J. L., Sledge, G., Curtis, C., Ford, J. M., Suarez, C. J.
2018; 2
- **GENOMIC LANDSCAPE OF NON-DRIVER MUTATIONS IN MYELOPROLIFERATIVE NEOPLASMS: THE STANFORD EXPERIENCE**
Robert, H., Steiner, D., Zehnder, J.
WILEY.2018: 122
- **PLATELET TRANSCRIPTOMIC SIGNATURES IN MYELOPROLIFERATIVE NEOPLASMS**
Krishnan, A., Perkins, C., Gotlib, J., Zehnder, J.
WILEY.2018: E34
- **CASE REPORT: MONOCLONAL IGM κ & LAMBDA; COAGULATION INHIBITOR WITH PHOSPHATIDYLSERINE SPECIFICITY INTERFERING WITH PLASMA, BUT NOT WHOLE-BLOOD BASED COAGULATION TESTING**
Jin, J., Baker, S. A., Shokry, M., Zehnder, J. L.
WILEY.2018: E30
- **Single-cell analysis of mutational heterogeneity in acute myeloid leukemia tumors with high-throughput droplet microfluidics**
Eastburn, D. J., Pellegrino, M., Sciambi, A., Treusch, S., Xu, L., Durruthy-Durruthy, R., Gokhale, K., Jacob, J., Chen, T. X., Oldham, W., Matthews, J., Kantarjian, H., Futreal, et al
AMER ASSOC CANCER RESEARCH.2018

- **MLL leukemia induction by t(9;11) chromosomal translocation in human hematopoietic stem cells using genome editing** *BLOOD ADVANCES*
Schneidawind, C., Jeong, J., Schneidawind, D., Kim, I., Duque-Afonso, J., Wong, S., Iwasaki, M., Breese, E. H., Zehnder, J. L., Porteus, M., Cleary, M. L.
2018; 2 (8): 832–45
- **Coexistence of BRAF V600E and TERT Promoter Mutations in Low-grade Serous Carcinoma of Ovary Recurring as Carcinosarcoma in a Lymph Node: Report of a Case.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*
Tavallae, M., Steiner, D. F., Zehnder, J. L., Folkins, A. K., Karam, A. K.
2018
- **Next-generation sequencing of idiopathic multicentric and unicentric Castleman disease and follicular dendritic cell sarcomas** *BLOOD ADVANCES*
Nagy, A., Bhaduri, A., Shahmarvand, N., Shahryari, J., Zehnder, J. L., Warnke, R. A., Mughal, T., Ali, S., Ohgami, R. S.
2018; 2 (5): 481–91
- **Detection of Large Chromosomal Abnormalities in Tumors through Analysis of Off-Target Next-Generation Sequencing (NGS) Read Data**
Chen, S. B., Stehr, H., Zehnder, J. L., Dudley, J. C.
NATURE PUBLISHING GROUP.2018: 804
- **A whole exome sequencing analysis of diffuse large B-cell lymphoma arising from topologically adjacent follicular lymphoma reveals an intimate and distant relationship**
Lin, C., Nagy, A., Zehnder, J. L., O'Malley, D. P., Ohgami, R.
NATURE PUBLISHING GROUP.2018: 533
- **The Significance of Dim Cytoplasmic CD3 Expression in Acute Myeloid Leukemia: A Long-Term Retrospective Study Identifies an Association with Acute Promyelocytic Leukemia with FLT3-ITD Mutations**
Kumar, J., Nagy, A., Lacayo, N., Gotlib, J., Zehnder, J. L., Ohgami, R.
NATURE PUBLISHING GROUP.2018: 529
- **Molecular Characterization of Aggressive Estrogen Receptor Positive Breast Cancer Resistant to Palbociclib Therapy**
Lei, L., Lin, C., Steiner, D., Ford, J. M., Zehnder, J. L., Suarez, C. J.
NATURE PUBLISHING GROUP.2018: 703
- **Detection of Large Chromosomal Abnormalities in Tumors through Analysis of Off-Target Next-Generation Sequencing (NGS) Read Data**
Chen, S. B., Stehr, H., Zehnder, J. L., Dudley, J. C.
NATURE PUBLISHING GROUP.2018: 804
- **Validation and Application of Predicted Tumor Mutational Burden (pTMB) Using a 130-Gene Sequencing Panel in Lung Adenocarcinoma**
Yang, S., Steiner, D., Stehr, H., Berry, G., Zehnder, J. L., Kunder, C.
NATURE PUBLISHING GROUP.2018: 758–59
- **The Significance of Dim Cytoplasmic CD3 Expression in Acute Myeloid Leukemia: A Long-Term Retrospective Study Identifies an Association with Acute Promyelocytic Leukemia with FLT3-ITD Mutations**
Kumar, J., Nagy, A., Lacayo, N., Gotlib, J., Zehnder, J. L., Ohgami, R.
NATURE PUBLISHING GROUP.2018: 529
- **Molecular Characterization of Aggressive Estrogen Receptor Positive Breast Cancer Resistant to Palbociclib Therapy**
Lei, L., Lin, C., Steiner, D., Ford, J. M., Zehnder, J. L., Suarez, C. J.
NATURE PUBLISHING GROUP.2018: 703
- **Validation and Application of Predicted Tumor Mutational Burden (pTMB) Using a 130-Gene Sequencing Panel in Lung Adenocarcinoma**
Yang, S., Steiner, D., Stehr, H., Berry, G., Zehnder, J. L., Kunder, C.
NATURE PUBLISHING GROUP.2018: 758–59
- **A whole exome sequencing analysis of diffuse large B-cell lymphoma arising from topologically adjacent follicular lymphoma reveals an intimate and distant relationship**
Lin, C., Nagy, A., Zehnder, J. L., O'Malley, D. P., Ohgami, R.
NATURE PUBLISHING GROUP.2018: 533
- **in silico Long-Read Sequencing from FFPE Solid Tumor Tissue for Structural Variation Detection and Phasing in Archival Specimens**
Costa, H. A., Blanchette, M., Bustamante, C. D., Green, R. E., Hadley, P. D., Kunder, C., Putnam, N., Rice, B., Trolf, C., Zehnder, J. L.
ELSEVIER SCIENCE INC.2017: 1034–35

- **Clinical Validation and Implementation of a Targeted Sequencing Panel for Myeloid Neoplasms**
Steiner, D., Devereaux, K., Dudley, J., Jones, C., Gojenola, L., Zehnder, J., Kunder, C.
ELSEVIER SCIENCE INC.2017: 958
- **Molecular and Clinicopathologic Features Associated with PD-L1 Expression in Lung Adenocarcinoma**
Yang, S., Steiner, D., Berry, G. J., Neal, J. W., Zehnder, J. L., Kunder, C. A.
ELSEVIER SCIENCE INC.2017: 1009–10
- **Detection of Clonal TRG and TRB Gene Rearrangements Using Next Generation Sequencing**
Shah, P., Huang, Y., Huang, Y., Hutt, K., Panganiban, J., Bob, R., Ewalt, M. D., Zehnder, J. L., Stenzel, T., Miller, J. E.
ELSEVIER SCIENCE INC.2017: 1055
- **A novel TRIP11-FLT3 fusion in a patient with a myeloid/lymphoid neoplasm with eosinophilia** *CANCER GENETICS*
Chung, A., Hou, Y., Ohgami, R. S., Von Gehr, A., Fisk, D. G., Roskin, K. M., Li, X., Gojenola, L., Bangs, C. D., Arber, D. A., Fire, A. Z., Cherry, A. M., Zehnder, et al
2017; 216: 10–15
- **IDH2 Mutation in a Patient with Metastatic Colon Cancer** *NEW ENGLAND JOURNAL OF MEDICINE*
Zhang, B. M., Zehnder, J. L., Suarez, C. J.
2017; 376 (20): 1991-1992
- **IMPLEMENTATION OF WHOLEBLOOD IMPEDANCE AGGREGOMETRY FOR HEPARIN-INDUCED THROMBOCYTOPENIA FUNCTIONAL ASSAY**
Jin, J., Hartinger, S., Wei, S., Zehnder, J.
WILEY.2017: 50
- **IMPROVING CLINICAL DECISION MAKING FOR HEPARINIZED PATIENTS WITH DISCORDANT ANTI-FACTOR XA ACTIVITY AND ACTIVATED PARTIAL THROMBOPLASTIN TIME.**
Gombar, S., Krishnan, A., Zehnder, J.
WILEY.2017: 40
- **NOVEL MARKERS FOR THE DIAGNOSIS OF ANTIPHOSPHOLIPID SYNDROME: ANTIBODIES AGAINST PHOSPHATIDYLSERINE/ PROTHROMBIN COMPLEX**
Jin, J., Hartinger, S., Wei, S., Zehnder, J.
WILEY.2017: 50
- **Identification of a Novel Somatic Mutation Leading to Allele Dropout for EGFR L858R Genotyping in Non-Small Cell Lung Cancer.** *Molecular diagnosis & therapy*
Costa, H. A., Neal, J. W., Bustamante, C. D., Zehnder, J. L.
2017
- **The Significance of CD56 Expression and the RAM Immunophenotype, a Recurrent Immunophenotype Seen in Children, in Adult Acute Myeloid Leukemia**
Lazzareschi, D., Cherry, A., Zehnder, J., Gotlib, J., Arber, D. A., Lacayo, N., Ohgami, R.
NATURE PUBLISHING GROUP.2017: 358A–359A
- **Detection of Mutations in DNA Polymerase epsilon (POLE) in Colorectal Carcinoma with Intact Mismatch Repair Proteins: Immunotherapeutic Implications of Ultramutation**
Gomez, A. J., Burton, A., Steiner, D., Zehnder, J., Longacre, T.
NATURE PUBLISHING GROUP.2017: 173A
- **Detection of Mutations in DNA Polymerase epsilon (POLE) in Colorectal Carcinoma with Intact Mismatch Repair Proteins: Immunotherapeutic Implications of Ultramutation**
Gomez, A. J., Burton, A., Steiner, D., Zehnder, J., Longacre, T.
NATURE PUBLISHING GROUP.2017: 173A
- **A Study of Disseminated Intravascular Coagulation in Acute Leukemia Reveals Markedly Elevated D-Dimer Levels Are a Sensitive Indicator of Acute Promyelocytic Leukemia**
Oak, J., Shahmarvand, N., Alcasid, M., Cascio, M., Goodman, E., Medeiros, B., Arber, D. A., Zehnder, J., Ohgami, R.
NATURE PUBLISHING GROUP.2017: 367A

- **A Study of Disseminated Intravascular Coagulation in Acute Leukemia Reveals Markedly Elevated D-Dimer Levels Are a Sensitive Indicator of Acute Promyelocytic Leukemia**
Oak, J., Shahmarvand, N., Alcasid, M., Cascio, M., Goodman, E., Medeiros, B., Arben, D. A., Zehnder, J., Ohgami, R.
NATURE PUBLISHING GROUP.2017: 367A
- **A Retrospective Study of 305 Cases of Angioimmunoblastic T-Cell Lymphoma with Emphasis on Rare Lymphoplasmacytic and Plasma Cell Proliferations**
Oak, J., Hoffmann, J. C., Chisholm, K. M., Chen, J., Zehnder, J., Arber, D. A., Natkunam, Y., Warnke, R., Ohgami, R.
NATURE PUBLISHING GROUP.2017: 367A–368A
- **A Retrospective Study of 305 Cases of Angioimmunoblastic T-Cell Lymphoma with Emphasis on Rare Lymphoplasmacytic and Plasma Cell Proliferations**
Oak, J., Hoffmann, J. C., Chisholm, K. M., Chen, J., Zehnder, J., Arber, D. A., Natkunam, Y., Warnke, R., Ohgami, R.
NATURE PUBLISHING GROUP.2017: 367A–368A
- **The Significance of CD56 Expression and the RAM Immunophenotype, a Recurrent Immunophenotype Seen in Children, in Adult Acute Myeloid Leukemia**
Lazzareschi, D., Cherry, A., Zehnder, J., Gotlib, J., Arber, D. A., Lacayo, N., Ohgami, R.
NATURE PUBLISHING GROUP.2017: 358A–359A
- **Methodologic Considerations in the Application of Next-Generation Sequencing of Human TRB Repertoires for Clinical Use** *JOURNAL OF MOLECULAR DIAGNOSTICS*
Xu, L., You, X., Zheng, P., Zhang, B. M., Gupta, P. K., Lavori, P., Meyer, E., Zehnder, J. L.
2017; 19 (1): 72-83
- **A study of disseminated intravascular coagulation in acute leukemia reveals markedly elevated D-dimer levels are a sensitive indicator of acute promyelocytic leukemia.** *International journal of laboratory hematology*
Shahmarvand, N., Oak, J. S., Cascio, M. J., Alcasid, M., Goodman, E., Medeiros, B. C., Arber, D. A., Zehnder, J. L., Ohgami, R. S.
2017
- **Comprehensive Genomic Profiling of Malignant Effusions in Patients with Metastatic Lung Adenocarcinoma.** *The Journal of molecular diagnostics : JMD*
Yang, S. R., Lin, C. Y., Stehr, H., Long, S. R., Kong, C. S., Berry, G. J., Zehnder, J. L., Kunder, C. A.
2017
- **Identification of a Novel MPL Loss of Function Mutation in a Patient with Cyclic Thrombocytopenia and Characterization of This Syndrome**
Zhang, H., Hou, Y., Brar, R. S., Zhang, B., Chen, Z., Abidi, P., Jin, J., Gotlib, J. R., Zehnder, J. L.
AMER SOC HEMATOLOGY.2016
- **Methodologic Considerations in the Application of Next-Generation Sequencing of Human TRB Repertoires for Clinical Use.** *journal of molecular diagnostics*
Xu, L., You, X., Zheng, P., Zhang, B. M., Gupta, P. K., Lavori, P., Meyer, E., Zehnder, J. L.
2016
- **Development of a Cloud-Based Comprehensive Cancer Transcriptome Profiling Pipeline for Clinical Diagnostics**
Costa, H. A., Kunder, C., Zehnder, J. L., Bustamante, C. D.
ELSEVIER SCIENCE INC.2016: 989
- **Targeted Next-Generation Sequencing-Based Mutation Profiling of Fine Needle Aspiration Samples: Utility and Technical Adequacy**
Lin, C., Yang, S., Costa, H. A., Weiel, J., Lo, A., Zhang, M., Kunder, C., Long, S., Zehnder, J.
ELSEVIER SCIENCE INC.2016: 999
- **Detection of POLE Exonuclease Domain Mutations by Targeted Genomic Profiling in Hypermutated, Microsatellite Stable Colorectal Carcinoma**
Steiner, D. F., Lo, A., Jones, C., Gojenola, L., Kunder, C., Zehnder, J., Suarez, C. J.
ELSEVIER SCIENCE INC.2016: 1006
- **Value of NGS-Based T-Cell Clonality Analysis in Cases of Mycosis Fungoides with Discrepant Fragment Size-Based Tissue and Blood Results**
Zhang, B. M., Xu, L., You, X., Suarez, C. J., Kim, J., Zehnder, J. L.
ELSEVIER SCIENCE INC.2016: 951
- **A study of the mutational landscape of pediatric-type follicular lymphoma and pediatric nodal marginal zone lymphoma.** *Modern pathology*
Ozawa, M. G., Bhaduri, A., Chisholm, K. M., Baker, S. A., Ma, L., Zehnder, J. L., Luna-Fineman, S., Link, M. P., Merker, J. D., Arber, D. A., Ohgami, R. S.

2016; 29 (10): 1212-1220

- **Population-specific single-nucleotide polymorphism confers increased risk of venous thromboembolism in African Americans.** *Molecular genetics & genomic medicine*
Daneshjou, R., Cavallari, L. H., Weeke, P. E., Karczewski, K. J., Drozda, K., Perera, M. A., Johnson, J. A., Klein, T. E., Bustamante, C. D., Roden, D. M., Shaffer, C., Denny, J. C., Zehnder, et al
2016; 4 (5): 513-520
- **Gender and duration of disease differentiate responses to rituximab-dexamethasone therapy in adults with immune thrombocytopenia** *AMERICAN JOURNAL OF HEMATOLOGY*
Chapin, J., Lee, C. S., Zhang, H., Zehnder, J. L., Bussel, J. B.
2016; 91 (9): 907-11
- **DESCRIPTION AND LABORATORY VALIDATION OF A NOVEL ALGORITHM FOR CALCULATION OF TEG PLATELET MAPPING (TM) WHEN ATYPICAL ACTIVATOR F TRACING" OCCURS**
Jin, J., Zehnder, J.
WILEY-BLACKWELL.2016: E428
- **Germ line variants predispose to both JAK2 V617F clonal hematopoiesis and myeloproliferative neoplasms.** *Blood*
Hinds, D. A., Barnholt, K. E., Mesa, R. A., Kiefer, A. K., Do, C. B., Eriksson, N., Mountain, J. L., Francke, U., Tung, J. Y., Nguyen, H. M., Zhang, H., Gojenola, L., Zehnder, et al
2016; 128 (8): 1121-1128
- **ROS: novel regulators of thrombopoiesis** *BLOOD*
Zhang, B., Zehnder, J. L.
2016; 128 (5): 613-?
- **Prozone Effect in the Diagnosis of Lupus Anticoagulant for the Lupus Anticoagulant-Hypoprothrombinemia Syndrome.** *American journal of clinical pathology*
Jin, J., Zehnder, J. L.
2016; 146 (2): 262-267
- **Template for Reporting Results of Monitoring Tests for Patients With Chronic Myelogenous Leukemia (BCR-ABL1(+)).** *Archives of pathology & laboratory medicine*
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