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Associate Professor, Department of Pathology and Laboratory Medicine
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ADDRESS

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3811 West Thirteen Mile Road
Royal Oak, MI 48073

EDUCATION AND TRAINING

- 7/2000 – 6/2002 Fellow, Hematopathology
University of New Mexico Hospital, Albuquerque, NM
- 7/1996 – 6/2000 Residency, Anatomic and Clinical Pathology
Henry Ford Hospital, Detroit, MI
- 8/1992 – 6/1996 Doctor of Medicine, M.D.
Wayne State University School of Medicine, Detroit, MI
- 9/1988 – 6/1992 Bachelor of Science, Biological Science
Wayne State University, Detroit, MI

PROFESSIONAL MEMBERSHIPS

- Michigan Society of Pathologists (MSP)
- Society for Hematopathology (SH)
- American Society of Hematology (ASH)
- College of American Pathologist (CAP)
- American Society of Clinical Pathologists (ASCP)

PROFESSIONAL, ACADEMIC, ADMINISTRATIVE, AND CLINICAL POSITIONS

Academic Positions

- 2013 – present Associate Professor, Department of Pathology and Laboratory Medicine
Oakland University William Beaumont School of Medicine, Rochester, MI
- 2013 – 2018 Clinical Associate Professor, Biomedical, Diagnostic and Therapeutic Sciences
Oakland University William Beaumont School of Medicine, Rochester, MI
- 2012 – 2020 Co-Course Director, Hematolymphoid Course
Oakland University William Beaumont School of Medicine, Rochester, MI

2013	Discipline Director for Pathology, Department of Pathology and Laboratory Medicine Oakland University William Beaumont School of Medicine, Rochester, MI
2013	Lecturer, OUWB M2 Heme-Lymph Course Oakland University William Beaumont School of Medicine, Rochester, MI
2012	Co-Course Director, OUWB Heme-Lymph Course Oakland University William Beaumont School of Medicine, Rochester, MI
2012	Lecture, Myeloproliferative Neoplasms Beaumont Internal Medicine Residency, Beaumont Health
2010 – 2018	Program Director, Hematopathology Fellowship Beaumont Health, Royal Oak, MI
9/2010 – present	Associate Professor, Department of Pathology Oakland University William Beaumont School of Medicine, Rochester, MI
10/2009 – 8/2021	Adjunct Professor, Department of Biological Sciences Michigan Technological University, Houghton, MI
9/2009	Medical Advisor Beaumont School of Medical Technology, Royal Oak, MI
2009	Lecturer, Myeloproliferative Neoplasms, Hematology Oncology Fellowship Beaumont Health, William Beaumont Hospital, Royal Oak, MI
2009	Slide Review, Hematology/Oncology Fellowship, Beaumont Health, William Beaumont Hospital, Royal Oak, MI
2008 – 2009	Lecturer, Beaumont School of Medical Technology William Beaumont Hospital, Royal Oak, MI
2009	Lecturer, Hematology Lecture Series, Beaumont Pathology Residency William Beaumont Hospital, Royal Oak, MI
2002 – 2007	Medical Director and Lecturer Eastern Maine Medical Center, School of Medical Technology, Bangor, ME

Administrative Positions

7/2021	Interim Chief of Clinical Pathology Corewell Health William Beaumont University Hospital, Royal Oak, MI
1/2019	System Medical Director, Hematopathology, William Beaumont Hospital, Royal Oak, MI
12/2002 – 2/2007	Medical Director, Laboratory, Inland Hospital, Waterville, ME
3/2007	Medical Director, Hematology Laboratory, William Beaumont Hospital, Royal Oak, MI

Clinical Positions

- 3/2007 Hematopathologist, Beaumont Health
William Beaumont Hospital, Royal Oak, MI
- 7/2002 – 2/2007 Medical Director, Flow Cytometry Laboratory
Dahl Chase Pathology Associates, Bangor, ME
- 7/2002 – 2/2007 Hematopathologist
Dahl Chase Pathology Associates, Bangor, ME

PUBLICATIONS

Blenc AM, Gomez JA, Collins D, Lee MW. Pathologic quiz case. Pathologic diagnosis: acardiac fetus, acardius acephalus type. *Arch Pathol Lab Med.* 1999 Oct;123(10):974-976. doi: 10.5858/1999-123-0974-PQC. PMID: 10506458.

Blenc AM, Gomez JA, Lee MW, Torres FX, Linder JS. Phakomatous choristoma: a case report and review of the literature. *Am J Dermatopathol.* 2000 Feb;22(1):55-59. doi: 10.1097/00000372-200002000-00011. PMID: 10698218.

Chigaev A, **Blenc AM**, Braaten JV, Kumaraswamy N, Kepley CL, Andrews RP, Oliver JM, Edwards BS, Prossnitz ER, Larson RS, Sklar LA. Real time analysis of the affinity regulation of alpha 4-integrin. The physiologically activated receptor is intermediate in affinity between resting and Mn(2+) or antibody activation. *J Biol Chem.* 2001 Dec 28;276 (52):48670-48678. doi: 10.1074/jbc.M103194200. Epub 2001 Oct 18. PMID: 11641394.

Blenc AM, Chigaev A, Sklar LA, Larson RS. VLA-4 affinity correlates with peripheral blood white cell count and DNA content in patients with precursor B-ALL. *Leukemia* 2003 Mar;17(3):641-643. doi: 10.1038/sj.leu.2402827. Erratum in: *Leukemia.* 2010 Mar;24(3):669. Chiagev, A [corrected to Chigaev, A]. PMID: 12646958.

Kuebler DL, Illingworth A, **Blenc AM**, Wilbur DC. A peer comparison program for the quality assurance of human papillomavirus DNA detection using the Digene Hybrid Capture II/SurePath method shows excellent analytic interlaboratory correlation. *Cancer.* 2007 Oct 25;111(5):339-43. doi: 10.1002/cncr.22951. PMID: 17879373.

Bhagavathi S, Micale M, Douglas-Nikitin V, Ballouz S, Neumann K, **Blenc AM**. Composite biclonal marginal zone lymphoma of lung and chronic lymphocytic leukemia: pathologic, phenotypic, cytogenetic, and molecular study. *Int J Surg Pathol.* 2011 Jun;19(3):377-81. doi: 10.1177/1066896909332454. Epub 2009 Apr 15. PMID: 19372083.

Bhagavathi S, **Blenc AM**, Amin M, Nikitin VD, Patel MC, Warren S, Malhotra RK. Primary cutaneous large B cell lymphoma shows activation of nuclear factor kappa B and low incidence of Epstein-Barr virus. *Am J Dermatopathol.* 2010 Jul;32(5):439-41. doi: 10.1097/DAD.0b013e3181c1195b. PMID: 20571344.

Bieliauskas S, Fine N, Douglas-Nikitin V, **Blenc AM**. Paroxysmal nocturnal hemoglobinuria clones are not present in HIV positive patients. *Cytometry B Clin Cytom.* 2011 Jan;80(1):64-7. doi: 10.1002/cyto.b.20559. Epub 2010 Sep 24. PMID: 20872889.

Muslimani A, Chisti MM, **Blenc AM**, Boxwala I, Micale MA, Jaiyesimi I. Langerhans/dendritic cell sarcoma arising from hairy cell leukemia: a rare phenomenon. *Ann Hematol.* 2012 Sep;91(9):1485-7. doi: 10.1007/s00277-011-1399-5. Epub 2012 Jan 12. PMID: 22234838.

Aladily TN, Medeiros LJ, Amin MB, Haideri N, Ye D, Azevedo SJ, Jorgensen JL, de Peralta-Venturina M, Mustafa EB, Young KH, You MJ, Fayad LE, **Blenc AM**, Miranda RN. Anaplastic large cell lymphoma associated with breast implants: a report of 13 cases. *Am J Surg Pathol*. 2012 Jul;36(7):1000-8. doi: 10.1097/PAS.0b013e31825749b1. PMID: 22613996.

Gjeorgjievski M, Makki I, Khanal P, Amin MB, **Blenc AM**, Desai T, Cappell MS. Early, Isolated Duodenal Mucosa-Associated Lymphoid Tissue Lymphoma Presenting without Symptoms or Grossly Apparent Endoscopic Lesions and Diagnosed by Random Duodenal Biopsies. *Case Rep Gastroenterol*. 2016 Jun 27;10(2):323-31. doi: 10.1159/000447293. PMID: 27482191; PMCID: PMC4945810.

Hajj-Hussein I, Toushan M, Amin M, **Blenc AM**. Integrative approach for teaching histology and histopathology of the gastrointestinal tract using an IBD case. *Histol Cytol Embryol* 2017;1:1-5.

Yu Z, Pang Y, Wang L, Ezekwudo DE, Ogunleye F, Gaikazian SS, Micale M, Huang J, **Blenc AM**, Jaiyesimi I. Unusual Presentation of a Small-Cell Variant of Anaplastic Large-Cell Lymphoma Case: When a Septic Picture Is Not Sepsis. *Case Rep Hematol*. 2017;2017:7292148. doi: 10.1155/2017/7292148. Epub 2017 Sep 24. PMID: 29147592; PMCID: PMC5632856.

Vijay V, Miller R, Vue GS, Pezeshkian MB, Maywood M, Ast AM, Drusbosky LM, Pompeu Y, Salgado AD, Lipten SD, Geddes T, **Blenc AM**, Ge Y, Ostrov DA, Cogle CR, Madlambayan GJ. Interleukin-8 blockade prevents activated endothelial cell mediated proliferation and chemoresistance of acute myeloid leukemia. *Leuk Res*. 2019 Sep;84:106180. doi: 10.1016/j.leukres.2019.106180. Epub 2019 Jul 3. PMID: 31299413; PMCID: PMC6857733.

Journal Editorial Position

6/2008 – 7/2000 Contributing Editor, CAP Today Selected Abstracts

POSTER PRESENTATIONS AND ABSTRACTS

Blenc AM, Torres FX, Lee MW, Linder JS. Phakomatous Choristoma: A case report and review of the literature. American Society of Dermatopathology, 35th annual meeting, Denver, CO, October 1998. (Published in *J Cutaneous Path*, 1998)

Al-Janadi A, **Blenc AM**, Wiktor A, Van Dyke DL, Maeda K, Lu M, Nath R. Clinical significance of abnormalities of chromosome 5,7, and 12 in hematologic disorders: Retrospective review in a tertiary care center. *Blood* 2000;96:157b.

Gomez JA, **Blenc AM**, Nakhleh RE, Ma CK. The utility of copper and copper-binding protein in the diagnosis of primary biliary cirrhosis, HCV hepatitis and other liver diseases. United States and Canadian Academy of Pathology, New Orleans, LA, March 2000.

Blenc AM, Amin M, de Peralta-Venturina M, Lee MW, Nevalainen TJ, Amin MB. Paneth cell-like granules in conventional (clear cell) renal cell carcinoma (CRCC): Immunohistochemical and ultrastructural characterization. United States and Canadian Academy of Pathology, New Orleans, LA, March 2000.

Blenc AM, Larson RS. Cutaneous B-cell lymphoma. Society for Hematopathology Workshop, Boston MA, November 9, 2001.

Tafoya LC, **Blenc AM**, Brown DC, Tsuji H, Larson RS. Regulation of LFA-1/ICAM-1 interaction on normal and lymphoma B-cells. *Blood* 2001;98:235b.

Blenc AM, Chigaev A, Sklar L, Larson RS. Detection of adhesion receptor defects on leukemic cells in real time. AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics, Miami Beach, FL, October 2001.

List AF, **Blenc AM**, Chigaev A, Brown DC, Glinsmann-Gibson B, Prossnitz E, Sklar LA, Larson RS. Modulation of integrin affinity by VEGF and SDF-1 α in MDS: Promotion of homotypic aggregation, adhesion to fibronectin and drug resistance amenable to pharmaceutical blockade. *Blood* 2002;100:372a.

Malysz J, **Blenc AM**, Smith MD, Tang, B, Wong OC, Zekman RP, Ravipati A, Jaiyesimi I, Douglas-Nikitin VK. Correlation of Pathologic Grading, Ki-67 Expression and Fluorine-18 2-Fluoro-2-Deoxy-D-Glucose Positron Emission Tomography Results with Bone Marrow and Splenic Involvement in Patients with Follicular Lymphoma. CAP Annual Meeting, September 2008.

Patel MC, Bhagavathi S, Warren S, Amin M, Malhotra RK, **Blenc AM**. The nuclear factor Kappa-B pathway: A role in primary cutaneous marginal zone B-cell lymphoma. USCAP, Boston MA, March 2009.

Bhagavathi S, Patel MC, **Blenc AM**, Warren S, Amin M, Malhotra RK. Primary cutaneous large B cell lymphoma shows activation of nuclear factor kappa B and low incidence of Epstein-Barr virus. USCAP, Boston MA, March 2009.

Bieliauskas S, **Blenc AM**, Douglas-Nikitin V, Chen X. A case of iatrogenic immunodeficiency associated LPD (methotrexate-related), polymorphic (EBV+). Society for Hematopathology Workshop, Cleveland OH, Sept 24, 2009.

Bieliauskas S, Fine N, Douglas-Nikitin V, **Blenc AM**. Paroxysmal nocturnal hemoglobinuria (PNH) clones are not present in HIV positive patients. Michigan Society of Pathologists, Plymouth MI, December 6, 2009.

Muslimani A, Boxwala I, Nair G, **Blenc AM**. Langerhans/Dendritic Cell Sarcoma (L/DCS) arising from hairy cell leukemia. 14th Annual International Congress Hematologic Malignancies, Whistler British Columbia, Canada, March 17-21, 2010.

Sayedian FH, Douglas-Nikitin VK, Smith MD, **Blenc AM**, Fan G, Huang JZ. Abnormalities of Immunoglobulin Light Chain Protein Expression in Mature B-Cell Lymphomas/Leukemias. USCAP, 2010 Annual Meeting, San Antonio TX, March 20-26, 2010. Published: *Mod Pathol*, 2010;23(S1):320A.

Sayedian FH, Torabi A, Smith MD, **Blenc AM**, Chen X, Xie M, Douglas-Nikitin VK, Huang JZ. Grading Follicular Lymphoma Using Flow Cytometry. International Clinical Cytometry Society 25th Annual Clinical Cytometry Meeting, Houston TX, Oct 3-5, 2010. Published: *Cytometry Part B: Clinical Cytometry*, 2010;78B(6):392.

Chisti MM, Yadav S, Muslimani A, Huang J, **Blenc AM**, Crisan D, Jaiyesimi I. Myasthenia gravis with chronic lymphocytic leukemia: Is it a rare association or a complication. 16th Annual International Congress on Hematologic Malignancies: Focus on Leukemias, Lymphomas, and Myeloma™, Snowbird, UT, February 23-26, 2012.

Cosner, D, Uzieblo A, Nelson ML, **Blenc AM**, Fennell T. Blastic Plasmacytoid Dendritic Cell Neoplasm. American Society of Dermatopathology, San Francisco, CA, October 8-11, 2015 (poster presentation).

Hajj Hussein I, Barremkala M, Thompson B, Gould D, Hankin M, Forbes W, **Blenc AM**, Amin M, Venuti J. Integrating Histology, Gross Anatomy and Histopathology in a Case Based Approach to Inflammatory Bowel Disease. Experimental Biology, Boston 2015 (oral presentation).

Thompson BJ, Barremkala M, Raoof A, Attardi S, **Blenc A**, Hajj-Hussein I, Forbes W, Gould D, Venuti J. Use of an Anatomy eBook to Document and Discuss Anatomical Variation. American Association of Anatomists Annual Meeting, Experimental Biology, San Diego CA 2016.

Haberichter K, **Blenc AM**, Fine N, Barszczowski J, Douglas-Nikitin V. Advantages of 10-color versus 5-color Flow Cytometric Techniques to Aid in The Diagnosis of Hematolymphoid Neoplasms. Beaumont Resident and Fellow Research Forum, May 2018 (poster presentation).

Jackman TD, Grant S, Metcalf B, Attardi S, **Blenc AM**, Barrmekala M. Are Soft-Embalmed Cadavers Better for Histopathological Study? Poster presented at American Association of Clinical Anatomists Annual National Meeting; 2019 June 11-14; Tulsa, OK. Sandy Marks Poster Award, for the Basic Science category

PRESENTATIONS

The American Society of Hematology Meeting. "VLA-4 affinity inversely correlates with WBC but not patient outcome in precursor B-ALL." Orlando FL, December 2001. (Published in Blood, 2001;98:719a).

Eastern Maine Medical Center Grand Rounds. "Flow Cytometry." Bangor ME, March 13, 2003.

Northeast Regional Joint Fall Conference. "Clinical Applications of Flow Cytometry." Portland ME, October 15, 2003.

Dahl Chase Diagnostic Services - Seminar on Hematology. "Clinical Applications of Flow Cytometry." Orono ME, November 4, 2003.

Department of Nursing. "A Case Study in DIC." Waterville ME, April 27, 2006.

Alexion Pharmaceuticals. "Laboratory Testing in PNH." Capital Grille, Troy MI, March 2008.

Department of Hematology Oncology. "Laboratory Testing in PNH." Royal Oak MI, April 2008.

National Society for Histotechnology Teleconference. Role of immunohistochemistry in the diagnosis of lymphoma. August 26, 2009.

Michigan Society of Pathologists. Update on the WHO classification system for lymphoma. Plymouth MI, December 6, 2009.