

Lindsey R. Klingbeil, MD

Education

August 2003- May 2007 Bachelor of Science, *Magna Cum Laude*
Miami University, Oxford, Ohio
Major: Biochemistry

August 2007- June 2011 Doctor of Medicine
University of Cincinnati College of Medicine, Cincinnati, Ohio

Residency

June 2011- June 2016 Resident, General Surgery
Department of Surgery, University of Cincinnati
Cincinnati, Ohio
Chair: Dr. Michael J. Edwards

July 2016- June 2018 Resident, General Surgery
Department of Surgery, University of Illinois Chicago- Metropolitan Group
Hospitals
Chicago, IL
Chair: Dr. Vijay K. Maker

Current Positions

August 2018- Present General Surgeon
The Chicago Institute of Advanced Surgery
Mercy Hospital and Medical Center, Presence St. Joseph Hospital
Chicago, IL

August 2018- Present Breast Surgeon
Mercy Hospital and Medical Center
Chicago, IL

Certification

2011 Advanced Cardiac Life Support Provider (Expires 5/2020)
2012 United States Medical Licensing Exam Steps 1, 2CK, 2CS, 3
2012 Advanced Trauma Life Support Provider (Expires 10/22/2019)
2016 Fundamentals of Laparoscopy Surgery
2017 Fundamentals of Endoscopic Surgery

Board Certifications and Licensure

American Board of Surgery, Board Eligible, Certifying Exam 11/2018
Ohio State Medical Board MD #35.126551 (Expires 10/1/2018)
Illinois Physician License #036.146669 (Expires 7/31/2020)
Illinois Controlled Substance #336.107977 (Expires 7/31/2020)

Research Experience

August 2006- May 2007 Research Assistant
Department of Biochemistry, Miami University
Research focus: Expression of zinc transport proteins in bacteria grown in
media containing varying levels of zinc

Advisor: Dr. Michael Crowder

- January 2014- June 2015 Post-Doctorate Research Fellow
Department of Critical Care Medicine, Cincinnati Children's Hospital Medical Center
Research focus: Age-dependent changes of metabolic signaling pathways following murine hemorrhagic shock
Mentor: Dr. Basilia Zingarelli
- March 2014- June 2015 Post-Doctorate Research Fellow
Department of Pediatric Surgery, Cincinnati Children's Hospital Medical Center
Research focus: Neuroblastoma tumor response to chemotherapy
Mentor: Dr. Daniel von Allmen

Publications

- Klingbeil LR**, Kim P, Piraino G, O'Connor M, Hake PW, Wolfe V, Zingarelli B. Age-dependent Changes of AMPK Metabolic Pathways in the Lung in a Mouse Model of Hemorrhagic Shock. *Am J Respir Cell Mol Biol*. 2017 May;56(5):585-596
- Matsiukevich D, Piraino G, **Klingbeil LR**, Hake PW, Wolfe V, O'Connor M, Zingarelli B. The AMPK Activator Aicar Ameliorates Age-Dependent Myocardial Injury in Murine Hemorrhagic Shock. *Shock*. 2017 Jan;47(1):70-78
- Trout AT, Towbin AJ, **Klingbeil L**, Weiss BD, von Allmen, D. Single and multidimensional measurements underestimate neuroblastoma response to therapy. *Pediatr Blood Cancer*. 2017 Jan;64(1):18-24.
- Daly MC, Atkinson SJ, Varisco BM, **Klingbeil L**, Hake P, Lahni P, Piraino G, Wu D, Hogan SP, Zingarelli B, Wong HR. Role of matrix metalloproteinase-8 as a mediator of injury in intestinal ischemia and reperfusion. *FASEB J* Oct 2016 30:3453-3460.
- Reznichenko AA, **Klingbeil LR**, Shah SA. Giant Primary Yolk Sac Tumor of the Liver. *J Gastrointest Surg*. 2016 Sep;20(9):1669-70.
- Atkinson SJ, Varisco BM, Sandquist M, Daly MN, **Klingbeil L**, Kuethe JW, Midura EF, Harmon K, Opaka A, Lahni P, Piraino G, Hake P, Zingarelli B, Mortenson JE, Wynn JL, Wong HR. Matrix Metalloproteinase-8 Augments Bacterial Clearance in a Juvenile Sepsis Model. *Mol. Med*. 2016 Aug 8; 22:455–63.
- Atkinson SJ, Nolan M, **Klingbeil L**, Harmon K, Lahni P, Zingarelli B, Wong HR. Intestine-Derived Matrix Metalloproteinase-8 Is a Critical Mediator of Polymicrobial Peritonitis. *Crit Care Med*. 2016 Apr;44(4):e200-6.
- Hensley MP, Gunasekera TS, Easton JA, Sigdel TK, Sugarbaker SA, **Klingbeil L**, Breece RM, Tierney DL, Crowder MW. Characterization of Zn(II)-responsive ribosomal proteins YkgM and L31 in E. coli. *J Inorg Biochem*. 2012 Jun; 111: 164–172.
- Gunasekera TS, Easton JA, Sugarbaker SA, **Klingbeil L**, Crowder MW. Zn(II) homeostasis in E. coli. *Advances in Organic Chemistry: Cellular Systems and Synthetic Models – ACS Symposium Series 1012*, Oxford University Press, 2009; Ch. 6. Ed. M.J. Baldwin and E. Long. pp 81-95.

Presentations

- Klingbeil LR**, Trout A, Towbin A, von Allmen D. What is the Optimal Way to Measure Neuroblastoma Response to Chemotherapy? Oral Presentation. 101st Radiologic Society of North America Annual Meeting. Chicago, IL. December 2, 2015.

Klingbeil LR, Trout A, Towbin A, von Allmen D. Neuroblastoma Tumor Volume Response to Neoadjuvant Chemotherapy and Its Effect on Operative Times and Surgical Complications. Oral Presentation. 2015 American Academy of Pediatrics National Conference & Exhibition. Washington, DC. October 25, 2015.

Klingbeil LR, Piriano G, Hake PW, Ledford JR, Zingarelli B. The Effect of AICAR on Metabolic Pathways in the Lung Following Murine Hemorrhagic Shock. Oral Presentation. 38th Annual Shock Society Meeting. Denver, CO. June 9, 2015.

Matsiukevich Dz, **Klingbeil L**, Piraino G, Hake PW, Zingarelli B. Age-Dependent Changes of Metabolic Pathways in the Myocardium Following Murine Hemorrhagic Shock. Oral Presentation. 38th Annual Shock Society Meeting. Denver, CO. June 9, 2015.

Klingbeil LR, Piriano G, Hake PW, Ledford JR, Zingarelli B. The Effects of AICAR on Metabolic Pathways in the Lung Following Murine Hemorrhagic Shock. Oral Presentation. Division of Critical Care Research Conference. Cincinnati Children's Hospital Medical Center. April 21, 2015.

Klingbeil LR, Piriano G, Hake PW, Ledford JR, Zingarelli B. Age-Dependent Changes of Metabolic Pathways in the Lung Following Murine Hemorrhagic Shock. Oral Presentation. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 4, 2015.

Klingbeil LR, Piriano G, Hake PW, Ledford JR, Zingarelli B. Age-Dependent Alterations of Metabolic Pathways Following Murine Hemorrhagic Shock. Oral Presentation. Department of Critical Care Research Conference. Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. July 2014.

Posters

Nolan M, Hake P, Piraino G, Atkinson SJ, **Klingbeil L**, Lahni P, Zingarelli B, Wong HR. Role of Matrix Metalloproteinase-8 (MMP-8) as a Mediator of Injury in Intestinal Ischemia and Reperfusion. 38th Annual Conference on Shock, Denver, CO. June 2015.

Atkinson SJ, Nolan M, **Klingbeil L**, Harmon K, Lahni P, Zingarelli B, Wong HR. Intestine-Derived Matrix Metalloproteinase-8 is a Critical Mediator of Peritonitis. 38th Annual Conference on Shock, Denver, CO. June 2015.

Invited Lectures

Klingbeil, LR. Advantages and Disadvantages of Being a Pre-Med Biochemistry Major at Miami. Department of Chemistry and Biochemistry. Miami University. October 2010.

Honors and Awards

2005	J. A. Culler Physics Prize, Miami University, Oxford, Ohio
2007	Phi Beta Kappa Honor Society, Miami University, Oxford, Ohio
2009	H. B. Weiss Award, University of Cincinnati College of Medicine, Cincinnati, Ohio
2010	Alpha Omega Alpha Honor Medical Society, University of Cincinnati College of Medicine, Cincinnati, Ohio
2011	Gold Humanism Honor Society, University of Cincinnati College of Medicine, Cincinnati, Ohio
2015	Shock Society Travel Award Winner
2017	William A. Tito, MD Award for Highest Senior ABSITE Score
2018	William C. Allen, MD Award for Highest Senior ABSITE Score
2018	Robert M. Gasior, MD Award of Clinical Excellence & Humanitarianism

Service

2007-2009	Medical Volunteers of the University of Cincinnati
2008-2009	American Medical Women's Association, Co-Director of Finance, University of Cincinnati
2011-2013	Resident Class Representative, Department of Surgery, University of Cincinnati

Teaching Experience

2008-2009 Medical Biochemistry Small Group Leader, University of Cincinnati College of Medicine

Society Memberships

2005-2011 American Medical Student Association
2007-2009 Phi Beta Kappa Honor Society
2007-2011 American Medical Association
2010-2011 Alpha Omega Alpha Medical Honor Society
2011-Present Association of Women Surgeons, Resident Member
2011-Present American College of Surgeons, Resident Member
2018-Present American Society of Breast Surgeons, Resident Member

Work Experience

2008 Urban Health Project- The Center for Breast Health, St. Luke Hospitals, Florence and Edgewood, Kentucky
2014-2015 Medical Staff, Shriners Hospital for Children, Cincinnati, Ohio
2014-2015 Medical Staff, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio

Personal Interests and Hobbies

Attending Cleveland and Ohio State sporting events, traveling