

# Robert L. Kress

## TRAINING:

2021-2022	Fellowship	University of Texas Health Science Center Houston, TX Colon and Rectal Surgery
2017-2021	Residency	University of Texas Health Science Center Houston, TX General Surgery
2016-2017	Internship	Vanderbilt University Medical Center Nashville, TN General Surgery

## WORK EXPERIENCE:

2022-	Colorectal Surgery Associates, Colorectal Surgeon, HCA Hospital
2021-2022	University of Texas Health Science Center, Fellow Physician, Colorectal Surgery
2017-2021	University of Texas Health Science Center, Resident Physician, General Surgery
2016-2017	Vanderbilt University Medical Center, Resident Physician, General Surgery
2008-2011	University of Alabama at Birmingham, Research Assistant

## EDUCATION:

2011-2016	Medical School	Kansas City University Kansas City, MO Degree received: D.O.
2013-2014	Graduate School	University of Kansas Kansas City, KS Degree received: M.S., Clinical Research, <i>Honors</i>

2005-2008                      Undergraduate                      Birmingham-Southern College  
Birmingham, AL  
Degree received: B.S., Biology

## RESEARCH EXPERIENCE:

- 2013-2014      Frontiers TL1 Fellow, University of Kansas, Kansas City University
- NIH grant award to conduct research on an individual project and pursue a Masters degree in Clinical Research
  - Thesis: *CHARACTERIZATION OF URINARY IRON LOSS IN THE fsn (FLAKY SKIN) ANEMIA MOUSE MUTANT*
- 2011-2013      Student Researcher, Kansas City University
- Generated a transgenic mouse to confirm the causative nature of a mutation found in a pediatric patient with Hereditary Spherocytosis
- 2008-2011      Research Assistant, University of Alabama at Birmingham
- Performed bench research using animal models of multiple sclerosis
  - Extensive data collection and analysis experience (flow cytometry, q-PCR, ELISA, etc.)
  - Maintained mouse facilities, trained new students, and managed the lab
- 2007                      Summer Research Student, Birmingham-Southern College
- Designed a new Organic Chemistry and Physiology labs
  - Used experimentation to determine definite outcomes to teach concepts of both disciplines

## ABSTRACTS/POSTERS/PUBLICATIONS:

Novel technique for anastomotic salvage using transanal minimally invasive surgery: A case report. Olavarria OA, **Kress RL**, Shah SK, Agarwal AK. World J Gastrointest Surg. 2019 May 27;11(5):271-278

“R0 resection and reconstruction for a large, rapidly progressive chest wall sarcoma.” **Kress RL**, Dalwadi SM, Irani AD. J Cardiothorac Surg. 2018 Dec 17;13(1):127

“Effector CD4 T cells with progenitor potential mediate chronic intestinal inflammation.” Shin B, **Kress RL**, Kramer PA, Darley-USmar VM, Bellis SL, Harrington LE. J Exp Med. 2018 Jul 2;215(7):1803-1812

“Characterization of urinary iron loss in the fsn (flaky skin) anemia mouse mutant.” **Kress, RL**. University of Kansas, ProQuest, UMI Dissertations Publishing, 2014. 1564029.

“Urinary Iron Excretion: Novel Mechanisms to Reduce Body Iron Stores.” Poster/Published Abstract, Translational Science Meeting, 2014, Washington, D.C.

“Virus-specific CD4 and CD8 T cell responses in the absence of Th1-associated transcription factors.”  
Mollo SB, Ingram JT, **Kress RL**, Zajac AJ, Harrington LE., J Leukoc Biol. Vol. 95, no. 5, pages 705-713. May 2014

“IFN- $\gamma$  producing CD4 T cells impact Experimental Autoimmune Encephalomyelitis, a mouse model of Multiple Sclerosis”, Poster/Abstract, University of Alabama at Birmingham, Collaborative Multiple Sclerosis Research Symposium, April 1 2011.

## **AWARDS/HONORS:**

2021	Chief Resident of the Year, UT Health General Surgery
2020	Administrative Chief Resident, UT Health General Surgery
2019	Resident Teaching Award, The Arnold P. Gold Foundation
2019	Gold Humanism Honor Society
2016	Thomas V. Thomas, MD, Award for Research, KCU
2014-2015	Travel Award- Translational Science Meeting, Washington, D.C.  Graduated with Honors- Masters of Science in Clinical Research
2013-2014	Trainee- Frontiers: The Heartland Institute for Clinical and Translational Research- T32 Clinical and Translational Training Program. <i>NIH Clinical and Translational Science Award TL1 TR000120-03</i> , July 1, 2013- June 30, 2014