Interdivisional Grand Rounds

The Evolution of Musculoskeletal Ultrasound in Clinical Practice and Education

Laura B. Hughes, MD, MSPH Associate Professor of Medicine UAB Division Rheumatology

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No Disclosures Reported



DOM Employee of the Month for August 2014

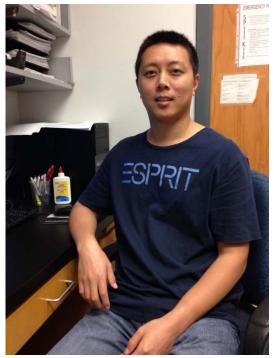


Francine Montgomery
DOM Chairs Office



Awarded the UAB Postdoctoral Travel Award

American Society of Tropical Medicine and Hygiene



Linlin Gu, PhD

Division of Infectious Diseases



Predoctoral Research Recognition Award

(American Physiological Society Water and Electrolyte Homeostasis Section)

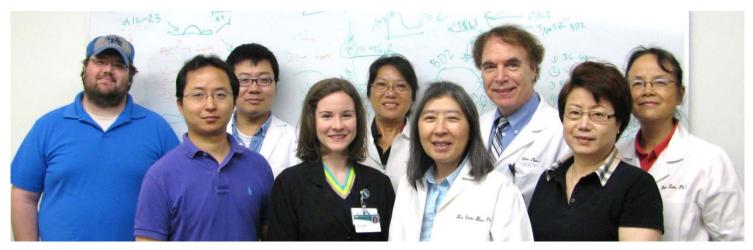


Jermaine Johnston, PhD
Division of Nephrology



Paper published in Nature Communications "IL-23 promotes TCR-mediated negative selection of thymo

"IL-23 promotes TCR-mediated negative selection of thymocytes through the upregulation of IL-23 receptor and RORyt"



This is the first paper that describes a role of the inflammatory cytokine, IL-23, in negative selection in the thymus. It also shows that, in the thymus, IL-23 preferentially depletes the output of natural regulatory T cells (nTregs) while preserving CD4 T cells that produce IL-17. It thus provides a paradigm shift in current understanding of how an inflammatory cytokine might promote the development of lineage-specific inflammatory T cells via a central mechanism. Decreased nTregs by IL-23 may predispose to development of rheumatoid arthritis, inflammatory bowel disease and multiple sclerosis.

This article was also included in the July 11, 2014 Issue of <u>Immune Regulatory News</u> which weekly features the latest publications from high impact factor peer reviewed journals in the field of immunology.



The Mountz/Hsu lab from left to right: Kevin Cashman, Hao Li (first author), Jun Li, Jennie Hamilton, PingAr Yang, Hui-Chen Hsu, John D. Mountz, Qi Wu, and Bao Luo

NIAID grant "Roles of FCRL Molecules in Innate Immunity"



Randall S. Davis, MD

Division of Hematology & Oncology



Scored a Perfect 10 on first submission!! NIH-funded T32 Training Program in Lung and Translational Medicine



Victor Thannickal, MD

Division of Pulmonary, Allergy & Critical

Care Medicine

