

# Interdivisional Grand Rounds

## The Evolution of Musculoskeletal Ultrasound in Clinical Practice and Education

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No Disclosures Reported

# Good News

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## Good News

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# DOM Employee of the Month for August 2014



**Francine Montgomery**  
DOM Chairs Office

## Good News

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# Awarded the UAB Postdoctoral Travel Award *American Society of Tropical Medicine and Hygiene*



**Linlin Gu, PhD**  
Division of Infectious Diseases

## Good News

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# **Predoctoral Research Recognition Award** *(American Physiological Society Water and Electrolyte Homeostasis Section)*



**Jermaine Johnston, PhD**  
Division of Nephrology

## Good News

### **Paper published in Nature Communications** ***“IL-23 promotes TCR-mediated negative selection of thymocytes through the upregulation of IL-23 receptor and ROR $\gamma$ t”***



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 [\*\*Immune Regulatory News\*\*](#) which weekly features the latest publications from high impact factor peer reviewed journals in the field of immunology.

## Good News

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NIAID grant *“Roles of FCRL Molecules in Innate Immunity”*



**Randall S. Davis, MD**  
Division of Hematology & Oncology

## Good News

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**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