Interdivisional Grand Rounds

The Evolution of Musculoskeletal Ultrasound in Clinical Practice and Education

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No Disclosures Reported
Good News
Good News

DOM Employee of the Month for August 2014

Francine Montgomery
DOM Chairs Office
Good News

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

Linlin Gu, PhD
Division of Infectious Diseases
Good News

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 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 Immune Regulatory News, 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
Good News

NIAID grant “Roles of FCRL Molecules in Innate Immunity”

Randall S. Davis, MD
Division of Hematology & Oncology
Good News

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