



Research Interests

B cell development and function: We are interested in the signals that guide the development and function of B lymphocytes and incorporate various mouse models to dissect these processes.
Pulmonary immunity: Our lab also utilizes mouse models to explore the mechanisms by which leukocytes migrate within the lung and how pathological conditions arise when this process is not regulated appropriately.

Education

1982 University of Washington, BS
1988 University of Washington, MS
1992 University of Washington, PhD

Fellowship

1992 - Institute for Genetics, University of Cologne (Cologne, Germany), Postdoctoral
1996 Fellow
1996 - Basel Institute for Immunology (Basel, Switzerland), Scientific Member
2001

Teaching or Professional Positions

Director, Graduate Program in Immunology

Affiliations with the University of Colorado Denver

Associate Professor in the Department of Immunology, University of Colorado School of Medicine.

Professional Memberships

American Association of Immunologists
American Association for the Advancement of Science

Awards & Recognition

2007-Present: Co-Director, Chronic Obstructive Pulmonary Disease Translational Research Initiative
2007: National Jewish Health Basic Science Program Teacher of the Year
2003: National Jewish Health Outstanding Junior Faculty Award in Basic Science
2003: Sandler Program for Asthma Research Junior Investigator Award

Publications

Torres, R.M., Imboden, J., and Schroeder, H.W. Antigen receptor genes, gene products and co-receptors. In *Clinical Immunology: Principles and Practice*, (3rd edition) R. Rich, T. Fleisher, W. Shearer, H. Schroeder, A.J. Frew, and C.M. Weyand eds. Philadelphia: Elsevier/Mosby Publishers. pp 53-78, 2008.

Hu, J., Strauch, P., Rubtsov, A., Donovan, E.E., Pelanda, R. and Torres, R.M. Lsc Activity is

Controlled by Oligomerization and Regulates Adhesion. *Molecular Immunology*, 45:1825-1836, 2008.

Rubtsov, A.V., Swanson, C.L., Troy, S., Strauch, P., Pelanda, R., and Torres, R.M. Toll-like receptor agonists promote marginal-zone B cell activation, relocation and T-dependent IgM response. *Journal of Immunology*, 180:3882-3888, 2008.

Wu, Q., Martin, R.J., Rino, J.G., Breed, R., Torres, R.M., Chu, H.W., IL-23-dependent IL-17 production is essential in neutrophil recruitment and activity in mouse lung defense against respiratory *Mycoplasma pneumoniae* infection. *Microbes and Infection*, 9:78-86, 2007.

Brown, J., Taube, C., Takeda, K, Koya, T., Pelanda, R., Gelfand, E.W., and Torres, R.M., Arhgef1 is Required by T cells for the Development of Airway Hyperreactivity and Inflammation. *American Journal of Respiratory Critical Care Medicine*, 176:10-19, 2007.

Doctor's Contact Information

Office: 303.398.1473

Fax: 303.270.2325

Locations

National Jewish Health Main Campus
1400 Jackson St.

Denver, CO 80206