

**FOCIS 2012** *Improving human health through  
immunology*

June 20-23 in Vancouver, BC, Canada

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**FOCIS Member Society Symposium  
Organized by JSI**

Wednesday, June 20 12:45-4:45  
Vancouver Convention Centre, Canada

**Understanding pathways of immune-mediated injury**

(Scheduled Speaker)

**Mitsuru Matsumoto** (Tokushima University)

Roles of Aire in thymic epithelial cells in the medulla for the establishment of self tolerance

**Kazuhiko Yamamoto** (Tokyo University)

A novel regulatory T cell subset controlling antibody production and autoimmunity

**Sachiko Miyake** (National Institute of Neuroscience)

MR1-restricted MAIT cells regulate autoimmune inflammation

**Atsushi Kumanogoh** (Osaka University)

Immunoregulation by semaphorins and their receptors

**Masayuki Amagai** (Keio University)

Epidermal barrier dysfunction and cutaneous sensitization in atopic diseases

**Takanori Teshima** (Kyushu University)

Disruption of Intestinal Homeostasis in Graft-versus-host disease

**Akihiko Yoshimura** (Keio University)

Pivotal role of the IL-23-IL-17 axis in brain ischemic injury

**Takashi Yamamura** (National Institute of Neuroscience)

IL-6 signaling as therapeutic target in CNS autoimmunity