[Biological Sciences]

Title of Project	Molecular basis of the function and generation of Foxp3-expressing regulatory T
	cells
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Abstract of	Naturally arising regulatory T cells (Tregs), which specifically express the
Research Project	transcription factor Foxp3, are engaged in the maintenance of immunological
	self-tolerance (i.e., immunological unresponsiveness to self-constituents) and
Number of	immune homeostasis. Dysfunction of Tregs can be a cause of autoimmune disease,
Researchers : 8	allergy, and immunopathology. In this project, we plan to decipher at the
	molecular level how Foxp3 controls the generation and function of Tregs, in
	particular how Foxp3 confers suppressive activity to Tregs. Our ultimate goal is to
Term of	devise new ways of controlling suppressive function of Tregs to treat and prevent
Project: 2008-2012	immunological diseases.