



It is an honor to announce the award discerned by The Scientific Committee of ISM to Dr Gurumoorthy Krishnamoorthy from Max Planck Institute of Neurobiology, Germany for his scientific contribution about **"The gut-brain axis in the CNS autoimmunity"**, during **Targeting Microbiota 2014**

According Dr. Gurumoorthy Krishnamoorthy: "Autoimmunity results from a combined influence of genetic and environmental factors. Emerging evidence in the experimental models of autoimmunity suggests an important contribution of gut microbiota in the disease development. However, how and which gut microbial species are involved in triggering processes is poorly understood. In this presentation, I will present evidence for the role of gut microbiota in mouse models of Multiple Sclerosis, an autoimmune disease of the central nervous system. Microbial organisms may trigger the activation of CNS-specific, auto-aggressive lymphocytes either through molecular mimicry or via bystander activation. This presentation will also highlight the approaches we are taking to translate these findings to MS patients."

For more information about Targeting Microbiota 2014: www.microbiota-site.com