Signature Seminar Series

The Role of the Intestinal Microbiome in Allogenic Stem Cell Transplant

ABOUT THE LECTURE

Our pre-clinical and clinical studies regarding the role of the intestinal flora in the recipients of allogeneic bone marrow transplantation have indicated that changes in the flora can impact relapse, graft v host disease (both acute and chronic), post-transplant infections, and engraftment. We have found a similar significant loss in intestinal diversity in patients undergoing autologous bone marrow transplantation. We have recently confirmed our findings regarding the inverse association between intestinal flora diversity and clinical outcomes in a large cohort (>1,000 patients) for 3 continents.

Speaker: **Professor Marcel van den Brink**
Head, Division of Hematologic Oncology
Memorial Sloan Kettering Cancer Centre

Host: **Professor William Hwang**
Medical Director
National Cancer Centre Singapore

Date: **Wednesday, 16 January 2019**

Time: **12.00 PM - 1.00 PM**
(Light refreshments will be served at 11.30 AM)

Venue: **Duke-NUS Medical School**
Amphitheatre, Level 2

Contact Person: **Ms Kathleen Chan, Duke-NUS Research Affairs Department**
Email: kathleen.chan@duke-nus.edu.sg

ABOUT THE SPEAKER

Marcel van den Brink is a Medical Oncologist with experience in both laboratory and clinical research, particularly in strategies to improve BMT. He is the Head of the Division of Hematologic Malignancies at MSKCC and holds a joint appointment in the Immunology and Transplantation Program. His laboratory studies post-transplant immune reconstitution, the intestinal microbiota in BMT recipients, and the biology of graft-versus-tumor in patients and mouse models.



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