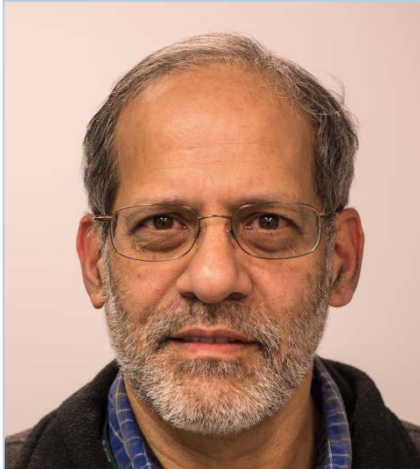


SPECIAL SEMINAR

Brain inflammation in neurocysticercosis: from mechanisms to rational treatment strategies



At this special seminar, Dr Siddhartha Mahanty will examine the mechanisms underlying inflammation in the central nervous system in neurocysticercosis, and our understanding of pre- and post-treatment inflammation in this disease. Using animal models, Dr Siddhartha and his team have studied inflammation triggered by anthelmintic treatment of the parasite and tried to identify key mediators of the process. Studies in animal models implicate multiple pathways of inflammation, including TNF- α -mediated pathways. These experimental findings are extended to the bedside, and he's currently investigating the ability of immune modulators like TNF- α blocking molecules to inhibit post-treatment inflammation and pathology in the CNS.

Dr Siddhartha Mahanty, MBBS MPH, is currently Staff Clinician at the Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health in the US. His research interests include parasitic infections including filariasis; cysticercosis; and viral haemorrhagic fevers including Ebola. He chairs the Scientific Review Committee for cestodes and nematodes of the American Society of Tropical Medicine and Hygiene. He has extensive field experience, especially in Peru, Liberia and Uganda.

Thursday, 26, May from 2.00 – 3.00pm
Seminar Room 4 Level 5

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