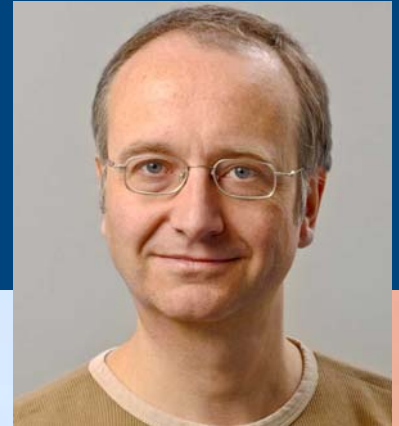


TWINCORE - Seminar

Wednesday September 21th, 2011, 12 p.m.
TWINCORE Lecture Hall

„Induction and suppression of the interferon response by RNA viruses“



Prof. Dr. Friedemann Weber

Type I interferons (IFN-alpha/beta) are cytokines which protect the mammalian host from viral disease. Upon infection of cells, transcription of IFN genes is rapidly induced, and IFNs are secreted. In the surrounding non-infected cells, IFNs stimulate the expression of antiviral and immunomodulatory genes. To prevail against this powerful antiviral host defence, highly virulent pathogens have evolved an astonishing array of countermeasures. In our group, we are investigating how pathogenic RNA viruses like SARS-Coronavirus, Rift Valley fever virus and La Crosse virus interfere with the production and action of the IFN system.

Who is Friedemann Weber?

- Associate Professor, Institute for Virology, University of Marburg since 2010.
- Before: Assistance Professor, IMMH Freiburg.
- Editorial Board, Journal of Biological Chemistry, Journal of General Virology.
- Board of Directors, International Society for Interferon and Cytokine Research (ISICR).
- Grants evaluation panel European Research Council (ERC).
- Löffler-Frosch-Award of the GfV.

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