

SFB 900 SEMINAR SERIES

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TITLE

The APC-T cell interface during Ebola virus infection

SPEAKER

Dr. Cesar Munoz-Fontela
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LOCATION

Lecture Hall Q, Building J6
MHH, Carl-Neuberg-Str. 1
Hannover



5.10.
2017

5.00 PM (s.t.)

» Research of Dr. Cesar Munoz-Fontela:

The laboratory investigates the immunology of viral hemorrhagic fevers (VHFs) such as Ebola virus disease and Lassa fever. Our vision is to advance the field by providing insight into a poorly known aspect of viral hemorrhagic fevers, namely, the physiology of the host immune response in vivo, both in relevant animal models as well as in humans. Our strategy is to model VHF immunity in newly generated immunocompetent animal models including humanized mice. To validate our research in animal models we also study human immunity to VHFs in the field. For this purpose, we have established state of the art laboratory immunology capacity in Nigeria and Guinea. The lessons learned from this basic research are used to identify correlates of disease outcome as well as targets for immunotherapy.

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