

Publications related to the project:

Publication marked with # are initiated by co-operation due to the ENIVD

Reinhardt, B., Jasper, R., Niedrig, M., Kostner and L'age-Stehr, J (1998): Analysis of Yellow Fever Virus 17D viremia after immunization with 17D vaccine and follow-up of various immunological parameters. *J. of Medical Virology* 56, 159-167

Niedrig M., M. Lademann, P. Emmerich, and. M. Lafrenz. (1999) Assessment of IgG antibodies directed against Yellow Fever Virus after vaccination with 17D by different assays: neutralisation test, haemagglutination inhibition test, immunofluorescence assay and ELISA. *Tropical Medicine & International Health* 4, 12, 867-871

Niedrig M., D. Vaisviliene, U. Klockmann and S. Biel (2000) Comparison of six commercial IgG-ELISA Kits for the detection of TBEV-antibodies. *J. of Clin. Virol.* 20, 179-182

ter Meulen, J., M. Grau, O. Lenz, P. Emmerich, H. Schmitz F. Oh, R. Jaspert and M. Niedrig (2000) Isolation and partial characterisation of Dengue type 2 and 4 virus from Dengue Fever and Dengue Hemorrhagic fever patients from Mindanao Republic of the Philipines. *Tropical Medicine & International Health*, 5, 5, 325-329

Niedrig M., (2001) Establish of a European network for diagnostics of „imported“ viral Diseases (ENIVD), *Infect. Dis. Rev.* 3, 34

Fock, R., H. Bergmann, H., Bußmann, H. Fell, E.-J. Finke, U. Koch, M. Niedrig, M. Peters, K. Riedmann, G. Scholz, A. Wirtz. (2002) Influenza pandemic: preparedness planning in Germany. *Eurosurveillance*, 7, N°1, 1-5

Wirtz, A. M. Niedrig, and R. Fock, (2002) Management of patients with suspected viral haemorrhagic fever and other potentially lethal contagious infections in Germany. *Eurosurveillance*, 7, N°3, 36-42

Colebunders R. J.L., Mariage, J.C., Coche, B. Pirenne, P.Honoré, S. Kempinaire, P. Hantson, A. Van Gompel, E. Bottieau, M. Niedrig, M. Van Esbroeck, M. Parent, R. Bailey, C. Drosten, H. Schmitz (2002) A Belgian traveller who acquired yellow fever in The Gambia, *Clinical Infectious Diseases*. 35e, 113e-116

Schultze, D. Ch. Berendonk, Th. Ammann, M. Niedrig (2002) Isolation of Dengue Virus Sertype 1 from blood of a Swiss Traveler prior to seroconversion. *Infection*, 30, 237- 239

Biel S., O. Donoso Mantke., K. Lemmer, A. Vaheri, A. Lundkvist, P. Emmerich, M. Hukic, M. Niedrig (2003) Quality control measures for the sero-diagnosis of hantavirus infections. *J. of Clinical Virology*, 28, 248-256

Bae H.G., A. Nitzsche, A. Teichmann, S. Biel and M. Niedrig (2003) Detection of Yellow Fever: a comparison of quantitative real time and plaque assay. *J. of Virol. Methods* 110(2):185-91

Donoso Mantke O, K. Lemmer, S. Biel S.,J. Groen, H. Schmitz, J. P. Durand, H. Zeller, M. Niedrig (2003) Quality control measures for the sero-diagnosis of Dengue virus infections. *J. of Clinical Virology*, 29 (2), 105-112

Koraka, P. H. Zeller, M. Niedrig, A.D.M.E. Osterhaus, and J. Groen (2003) Reactivity of serum samples from patients with a Flavivirus infection measured by IFA and ELISA. *Microbes and Infection*. 4, 1209-1215

Jääskeläinen, A., X. Xiuqi Han, M. Niedrig, A. Vaheri, and O. Vapalahti O. (2003) Diagnostics of tick-borne encephalitis with μ -capture IgM-EIA based on secreted recombinant antigen produced in insect cells. *J. of Clinical Microbiology*, 41(9):4336-42

Teichmann D., K. Göbels K., M. Niedrig, G.P. Grobusch (2003) Clinical and laboratory features of Dengue virus infected traveller previously vaccinated against Yellow Fever. *Scan. J. Infec. Dis.* 35(6-7):427-9

Haglund M., S. Vene, M. Forsgren, G. Günther, B. Johansson, M. Niedrig, A. Plyusnin, L. Lindquist and A. Lundkvist (2003) Characterization of human Tick-borne encephalitis virus from Sweden. *J Med. Virol.* 71:610-621

Radun D. , M. Niedrig, A. Ammon, K. Stark (2003) Retrospective cohort study among German guests of the Hotel "M", Hong Kong, identified an early SARS case. *Eurosurveillance Monthly*, 8, N° 12, 228-230

Teichmann D, K. Gobels, M. Niedrig, M.P. Grobusch (2004) Dengue virus infections in travellers returning to Berlin, Germany: clinical, laboratory, and diagnostic aspects. *Acta Tropica*, 90, 87-95

Sonnenberg K., M. Niedrig, K. Steinhagen, E. Rohwäder, W. Meyer, W. Schlumberger, E. Müller-Kunert, W. Stöcker. (2004) State-of-the-art serological techniques for detection of antibodies against tick-borne encephalitis virus. In press

Olson, V. A., T. Laue, M.T. Laker, I.V. Babkin, C. Drosten, S.N. Shchelkunov, M. Niedrig, I.K. Damon, H. Meyer. (2004) Real time PCR-system for detection of orthopoxvirus and simultaneous identification of smallpox virus. *J. of Clin Micro* in press

Niedrig M., Schmitz H., Becker S., Günther S., ter Meulen J., Meyer H., Ellerbrok H., Nitzsche A., Gelderblom H.R., and Drosten C. (2004) First international quality assessment study on the rapid detection of viral agents of bioterrorism. *J. of Clinical Microbiology*, in press

Hofmann H., K. Hattermann, A. Marzi, T. Gramberg, M. Geier, M. Krumbiegel, S. Kuate, S. Günther, K. Überla, M. Niedrig and S. Pöhlmann (2004) The S protein of severe acute respiratory syndrome (SARS) associated coronavirus mediates entry into hepatocytes and is targeted by neutralizing antibodies in infected patients. *J. of Virology* accepted

Breugelmans J. G., Zucs P., Porten K., Broll, Niedrig M., Ammon A., Krause G (2004) SARS Transmission on Commercial Aircraft - The German Experience 2003,. *Emerging Infectious Diseases*, accepted

Lemmer K., O. Donoso Mantke, H.-G. Bae, J. Groen, C. Drosten, M. Niedrig. (2004) External quality control assessment in PCR diagnostics of dengue virus infections *J. of Clinical Virology*, 30:291-296

Donoso Mantke O. A. Nitsche, R. Meyer, K. Klingel, M. Niedrig. (2004) Analysing myocardial tissue of explanted hearts from heart transplant recipients and multi-organ donors for the presence of parvovirus B19 DNA. *J. of Clinical Virology*, in press

Drosten C., Doerr H.W., Lim W., Stöhr K., M. Niedrig. (2004) First external quality assurance study on severe acute respiratory syndrome-associated coronavirus molecular detection. *J. of Infectious Diseases*, submitted

Ražanskienė A. , A. Geldmacher, J. Schmidt, A. Ritzi , M. Niedrig, Å. Lundkvist , D. H. Krüger, H. Meisel, K. Sasnauskas and R. Ulrich (2004) High yields of stable and highly pure nucleocapsid proteins of different hantaviruses can be generated in the yeast *Saccharomyces cerevisiae*. *Journal of Biotechnology*, 111; 319-333

Bae H.G., Drosten C., Emmerich P, Colebunders R., Hantson P., Pest S, Schmitz H., Wanat M.A., M. Niedrig. (2004) Analysis of two imported cases of Yellow Fever infection from Ivory Coast and The Gambia to Germany and Belgium , submitted

Invited speaker:

Niedrig, M, B. Niklasson, G. Lloyd, B. Le Guenzo, J.G. Costa, H. Feldmann, A. Antoniadis, H. Schmitz. (Februar 1997) European network for the diagnosis of „imported“ viral diseases. *Symposium on Tick borne diseases Februar 21-22 1997, Berlin, Abstract 101-104*

Niedrig, M. (September 1998) Cairman: Establishing an European network for the diagnosis of „imported“ viral diseases (ENIVD). *European Congress of Virology, 30.07-2.09.98 Hamburg*

- Niedrig, M.** (September 1999) Establishing an European network for the diagnosis of „imported“ viral diseases. *Workshop: Research network for control of viral haemorrhagic fevers, Lyon September*
- Niedrig, M.** (October 1999) Round table on Emergence and Eradication of Virus, VI Spanish Congress of Virology, *Madrid*
- Niedrig, M.** (Januar 2000) Epidemiology distribution of Tick borne encephalitis in Europe. National Congress on Tick borne encephalitis, *Riga / Letland*
- Niedrig, M.** (Mai 2000) Management seltener importierter Virusinfektionen, Workshop „Aufbau und Koordination der Surveillance importierter bzw. reiseassoziiierter Infektionskrankheiten“, *Berlin*
- Niedrig, M.** (Oktober 2000) Establish of a European network for diagnostic of „imported“ viral Diseases (ENIVD), Symposium on Marburg and Ebola viruses, *Marburg*
- Niedrig, M.** (Oktober 2000) Establish of European network for diagnostic of „imported“ viral Diseases (ENIVD), Symposium Protection against Microbial Threats, *Stockholm*
- Niedrig, M.** (November 2000) Zoonoses caused by viral pathogens, surveillance and control, European Biosafety Association, *Amsterdam*
- Niedrig, M.** (Mai, 2001) VHF Case Management im Europäischen Vergleich, 6. Kongress für Infektionskrankheiten und Tropenmedizin, *Leipzig*
- Niedrig, M.** (Mai, 2001) European Network for Diagnostics of „imported“ Viral Diseases (ENIVD) 6. Kongress für Infektionskrankheiten und Tropenmedizin, *Leipzig*
- Niedrig, M.** (Oktober 2001) European network for diagnostic of „imported“ viral Diseases (ENIVD), 2nd Meeting on viral Zoonosis, *St. Raphael*
- Niedrig, M.** (April, 2002) Management of imported infectious diseases. Laboratory management. *European Congress of Microbiology and infectious diseases, Milan*
- Niedrig, M.** (April, 2002) Is Europe prepared for an international outbreak? *European Congress of Microbiology and infectious diseases, Milan*
- Niedrig, M.** (September, 2002) The European network for diagnostic of „imported“ viral Diseases (ENIVD), a European network *3rd European Congress of Tropical Medicine, Lisboa*
- Niedrig, M.** (January, 2003) Surveillance done by the European network for diagnostic of „imported“ viral Diseases (ENIVD), *NATO Advanced Research Workshop, Warsaw*
- Niedrig, M.** (January, 2003) National approach of Germany to bioterrorism and bio-warfare. *NATO Advanced Research Workshop, Warsaw*
- Niedrig, M.** (June, 2003) Diagnostic of Severe acute respiratory syndrome (SARS) and improving diagnosis by external quality assurance. Gastvortrag WHO Centre Lyon, *Lyon*
- M. Niedrig** (August, 2003) Antibody response in patients infected with the new coronavirus causing severe acute respiratory syndrome (SARS). *European Society of Clinical Virology, Lyon*
- Niedrig, M.** (September, 2003) Antibody response in patients infected with the new coronavirus causing severe acute respiratory syndrome (SARS). *WHO Trainings Course on Laboratory Diagnosis of the SARS Agent, Moskau*
- Niedrig, M.** (Oktober, 2003) Antibody response in patients infected with the new coronavirus causing severe acute respiratory syndrome (SARS). *WHO Trainings Course on Laboratory Diagnosis of the SARS Agent, Johannesburg*
- Niedrig, M.** (Oktober, 2003) Temporary advisor International workshop of the Laboratory Network on SARS of the WHO, *Geneva*
- Niedrig, M.** (April, 2004) Laboratory tests for SARS and their interpretation, and Laboratory quality assurance for SARS – national, regional and global international laboratory networks on the *Workshop on “Integrated Surveillance and Response of Epidemic-Prone Respiratory Diseases using the examples of SARS and Avian Influenza”, Rio de Janeiro, Brazil*
- Niedrig, M.** (July, 2004) Diagnostic of rare and imported virus infections with focus on Flavivirus and SARS. *Tropeninstitut Tübingen, Tübingen*