BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
Randal J. Schoepp, Ph.D.	Chief, Applied Diagnostics Department, Diagnostic Systems Division, US Army Medical Research Institute of Infectious Diseases

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University of Wisconsin-Madison	B.S.	1978	Zoology
University of Wisconsin-Madison	M.S.	1982	Veterinary Science
Colorado State University	Ph.D.	1989	Microbiology
University of North Carolina-Chapel Hill	-	1990-1993	NIH Postdoctoral Fellow

RESEARCH AND PROFESSIONAL EXPERIENCE:

A. Positions and Honors

USAMRIID, Diagnostic Systems Division: Chief, Applied Diagnostics Branch, 2004-Present
USAMRIID, Diagnostic Systems Division: Acting Chief, Diagnostic Systems Division, 2007-2009
USAMRIID, Diagnostic Systems Division: Principal Investigator, 2000-2004
USAMRIID, Virology Division: National Research Council Associate, 1993-1996
USAMRIID, Pathology Division: Principal Investigator, 1997-2000
USAMRIID, Diagnostic Systems Division: E.I. du Pont de Nemours, On-Site Contractor, 1996-1997

University of Wisconsin-Madison Graduate School "At Large Fellowship", 1981-1982
USDA National Needs Graduate Fellowship, 1985-1988
NIH NIAID National Research Service Award, 1990-1993
National Research Council Associateship, 1993-1996

B. Selected Peer-Reviewed Publications

Schoepp, R.J, Rossi, C.A., Khan, S.H., Goba, A., and Fair, J.N. 2013. Undiagnosed acute febrile illnesses in Sierra Leone. Emerg. Inf. Dis. (Submitted).

Weisenfluh, L., Wauquier, N., Grant, D.S., et al. 2013. Redefining the epidemiological pattern of Lassa fever in post-civil war Sierra Leone, 2007-2012. Emerg. Inf. Dis. (Submitted).

Barthel, R.V., Mohareb, E., Younan, R., Gladinshka, T., Kalvatchev, N., Moemen, A., Moemen, A.M., Mansour, S., Bonhage, M.R., Rossi, C.A., Schoepp, R.J., and Christova, I. 2013. Seroprevalence of Crimean-Congo Hemorrhagic Fever in Bulgarian Livestock. Am. J. Trop. Med. Hyg. (Submitted).

Schoepp, R.J., and Olinger, G.G. 2013. Filoviridae. In Liu, D. (ed). *Manual of Security Sensitive Microbes and Toxins*, Taylor & Francis Group, Boca Raton, FL. (In press).

Goodchild, S. A., Dooley, H., Schoepp, R. J., Flajnik, M., and Lonsdale, S. G. 2011. Isolation and characterisation of Ebolavirus-specific recombinant antibody fragments from murine and shark immune libraries. Mol. Immunol., 48, 2027-2037.

Mustafa,M.L., Ayazi,E., Mohareb,E., Yingst,S., Zayed,A., Rossi,C.A., Schoepp,R.J., Mofleh,J., Fiekert,K., Akhbarian,Z., Sadat,H. & Leslie,T. 2011. Crimean-Congo hemorrhagic fever, Afghanistan, 2009. Emerg. Infect. Dis., 17**,** 1940-1941.

Mease, L.E., Coldren, R.L., Musila, L.A., Prosser, T., Ogolla, F., Ofula, V.O., Schoepp, R.J., Rossi, C.A., and Adungo, N., 2011. Seroprevalence and distribution of arboviral infections among rural Kenyan adults: a cross-sectional study. Virol. J. 8: 371.

Sanchez,J.L., Johns,M.C., Burke,R.L., et al., 2011. Capacity-building efforts by the AFHSC-GEIS program. BMC. Public Health, 11 Suppl 2, S4.

Burke,R.L., Vest,K.G., Eick,A.A., et al., 2011. Department of Defense influenza and other respiratory disease surveillance during the 2009 pandemic. BMC. Public Health, 11 Suppl 2, S6.

Schoepp, R.J., Gilsdorf, J.S., Minogue, T.D., and Kulesh, D.A. 2010. Marburg virus. In Liu, D. (ed). *Molecular Detection of Human Viral Pathogens*, pp. 573-584, Taylor & Francis Group, Boca Raton, FL.

Branco, L.M., Grove, J.N., Moses, L.M., Goba, A., Fullah, M., Momoh, M., Schoepp, R.J., Bausch, D.G., and Garry, R.F. 2010. Shedding of soluble glycoprotein 1 detected during acute Lassa virus infection in human subjects. Virol. J. 7:306-317.

Branco, L.M., Grove, J.N., Geske, F.J., Boisen, M.L., Muncy, I.J., Magliato, S.A., Henderson, L.A., Schoepp, R.J., Cashman, K.A., Hensley, L.E., and Garry, R.F. 2010. Lassa virus-like particles displaying all major immunological determinants as a vaccine candidate for Lassa hemorrhagic fever. Virol. J. 7:279-298.

Trombley, A.R., Wachter, L., Garrison, J., Buckley-Beason, V.A., Jahrling, J., Hensley, L.E., Schoepp, R.J., Norwood, D.A., Goba, A., Fair, J.N., and Kulesh, D.A. 2010. Comprehensive panel of real-time TaqMan™ PCR assays for the detection and absolute quantification of filoviruses, arenaviruses, and new world hantaviruses. Am. J. Trop. Med. Hyg. 82: 954-960.

McKinney, M.D., Moon, S.J., David A. Kulesh, D.A., Larsen, T., and Schoepp, R.J. 2009. Detection of viral RNA from paraffin-embedded tissues after prolonged formalin fixation. J. Clin. Virol. 44: 39-42.

Illick, M.M., Branco, L.M., Fair, J.N., Illick, K.A., Matschiner, A., Schoepp, R., Garry, R.F., and Guttieri, M.C. 2008. Uncoupling GP1 and GP2 expression in the Lassa virus glycoprotein complex: implications for GP1 ectodomain shedding. Virol. J. 5: 161-178.

Branco, L.M., Matschiner, A., Fair, J.N., Goba, A., Sampey, D.B., Ferro, P.J., Cashman, K.A., Schoepp, R.J., Tesh, R.B., Bausch, D.G. Garry, R.F., and Guttieri, M.C. 2008. Bacterial-based systems for expression and purification of recombinant Lassa virus proteins of immunological relevance. Virol. J. 5: 74-88.

Rogers, J., Schoepp, R., Clements, T., Schroder, O., Holland, T., Li, J., Li, J., Lewis, L.M., Dirmeier, R., Frey, G., Tan, X., Wong, K., Woodnutt, G., Keller, M., Reed, D., Kimmel, B., and Tozer, E. 2008. Rapid Discovery and Optimization of Therapeutic Antibodies against Emerging Infectious Diseases. Protein Eng. Des. Sel. 21: 495-505.

Wolcott, M.J., Schoepp, R.J., Norwood, D.A., and Shoemaker, D.R. 2007. Rapid infectious disease diagnostic assays. In Lemon, S.M., Hamburg, M.A., Sparling, P.F., Choffnes, E.R., and Mack, A. (eds). *Global Infectious Disease Surveillance and Detection: Assessing the Challenges-Finding Solutions*, pp. 165-177, National Academies Press, Washington, DC.

Palys, T.J., Schmid, K.E., Scherer, J.M., and Schoepp, R.J. 2006. Conversion of a Mouse Fab into a Whole Humanized IgG Antibody for Detecting Botulinum Toxin. Human Antibodies 15: 125-132.

C. Patents:

Palys, T.J., Schoepp, R.J., and Schmid, K.E. "Recombinant Chimeric Human Anti-botulinum Antibodies", Patent application US 11/384.712.