



ONE WORLD,

ONE MEDICINE,

ONE HEALTH

One Health Intellectual Exchange

Fall Monthly Discussions: Philosophy to Practical Integration of Human, Animal and Environmental Health

A fall monthly discussion series, sponsored by the **North Carolina One Health Collaborative** (NC OHC) within the NCBC Intellectual Exchange Group (IEG) Program to enhance collaborations between physicians, veterinarians, researchers and other local / global / environmental health professionals by increasing public awareness of the interconnectedness of people, animals, plants and the environment.

Fall 2014 - Tuesday, November 11th
5:30 – 7:30 p.m.

Melamine/Triazine Food Adulteration – The Toxicity in Animals vs Humans – Lessons for One Health

Renate Reimschuessel, VMD, PhD

Veterinary Laboratory Investigation and Response Network at the Center for
Veterinary Medicine at the FDA

Meets 5:30 – 7:30 p.m. at the North Carolina Biotechnology Center

15 T.W. Alexander Drive Research Triangle Park, NC 27709

Directions: www.ncbiotech.org/directions

For Speaker Cancellation notices and additional background on One Health and the NC OHC:

<http://nconehealthcollaborative.weebly.com/index.htm>

<http://onehealtheducation.blogspot.com/>



Dr. Renate Reimschuessel, VMD, PhD

Veterinary Laboratory Investigation and Response

Network at the Center for Veterinary Medicine at the FDA

After a distinguished stint in academia at the University of Maryland, with providing pathology service for the fish collection of the National Aquarium in Baltimore part of her duties, Dr. Reimschuessel joined the Center for Veterinary Medicine at FDA in 1999 to start up the Aquaculture Research program. Her major research interests include: Food Safety – chemical and microbial, Drug development for aquaculture including: Biodistribution, residue persistence, metabolism, Drug efficacy, and Environmental effects of drugs and other chemicals used in aquaculture.

Her earlier research has included: Renal toxicologic pathology - studying fish kidney repair responses, Immunotoxicology - using fish immune function as an indicator of environmental pollution, and Diagnostic aquatic animal pathology.

Her workshops on aquatic animal medicine and research are highly sought after, and she is an active mentor for graduate students and for many other students, including veterinary interns, college students and high school science teachers. She has also taught in the renowned AquaVet program for 18 years.

She has over 80 publications in peer-reviewed journals and many book chapters to her credit, including the Society of Toxicology “Best Paper of 2009” reporting collaborative work with Proctor and Gamble during the Melamine – Pet Food contamination crisis of 2007

A finalist for the prestigious Service to America Award in 2008 for her work during the Melamine contamination – Pet Food Recall of 2007 led to high praise in front of congress for making the scientific breakthrough to identify the cause of the largest pet food recall in history.

