

Diagnostic Forum

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A Quarterly Newsletter from the Indiana Animal Disease Diagnostic Laboratory at Purdue University



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From the Purdue University College of Veterinary Medicine Vet Gazette

Purdue Veterinary Medicine Associate Professor of Veterinary Pathology Stephen Lenz (PU DVM '81) is now serving as interim director of the Animal Disease Diagnostic Laboratory (ADDL). His appointment was effective February 1 and will continue until a permanent director is named. In announcing the appointment, Dean Willie Reed said, "As interim director, he will be responsible for all aspects of the management of the ADDL and will join the College of Veterinary Medicine's Senior Leadership Team."

Dr. Lenz earned his Purdue DVM degree in 1981 and his PhD in 1991. He served as a faculty member at Auburn University before joining the PVM faculty in 2006.

Dr. Lenz succeeds Dr. Stephen Hooser, who has served as ADDL director since 2008. "I would like to take this opportunity to thank Dr. Hooser for his leadership of the ADDL for the past eight years and for his commitment to serving the needs of our stakeholders," Dean Reed said. Dr. Hooser, professor of toxicology in the Department of Comparative Pathobiology, will resume his role as head of the ADDL's Toxicology Section and will concentrate on diagnostic toxicology, research, teaching, and his national leadership roles in the American Association of Veterinary Laboratory Diagnosticians (AAVLD).

CONGRATULATIONS!

Congratulations to **Jennifer Hewitt** on her retirement from the ADDL on November 4th, 2016. After 36 years here at Purdue we wish her all the best!



SIGN UP AND STAY CONNECTED!

Don't let your inbox fill up with unwanted emails! Sign up to get real time customized information that YOU want to know about. The ADDL is excited to offer a new email communication tool to ensure our clients stay up to date on the latest test offerings, outbreaks and much more!

This new email tool will be replacing our current email list serve so be sure to stay connected with the ADDL by signing up now!

Visit our website and click the sign up now button or use the QR Code below!

Join ADDL's Constant Contact our new communication tool!



IN THE SPOTLIGHT.....HISTOPATHOLOGY

The “HistoBoilers”, histopathology laboratory is a section within ADDL. According to the National Society of Histotechnology: “*Histology is a science dealing with the structure of cells and their formation into tissues and organs*” (<http://nsh.org/what-histotechnology>). It uses methods to detect tissue abnormalities to help understand and diagnose diseases.

The HistoBoilers staff includes 5 full-time technicians and a faculty supervisor. It provides support to the 7 senior pathologists and 7 graduate students at the West Lafayette ADDL and SIPAC locations. Samples sent by clients are received by mail and courier services. In addition, tissues collected from the post-mortem floor are processed in this laboratory. Each sample is fixed, trimmed, processed, embedded, sectioned and stained for microscopic evaluation. The histolab also offers specialized techniques such as histochemistry and immunohistochemistry, mostly for cancer diagnosis.

ADDL participates in several surveillance programs including avian and fish diseases and prion diseases in small ruminants and deer. Tuberculosis testing of wild deer is another active surveillance program as a result of the diagnosis of this disease in this species. So far this year, the ADDL histolab has processed and provided the pathologists with slides for microscopic evaluation on just under 2,000 deer.



Celebrate Histo!

Histotechnology
Professionals Day March 10!

Dr. Jose Ramos-Vara, Section Head, and his HistoBoilers:
(left to right) Katie Praay, Stephanie Hucko, Rosa Bryant,
Christine Mickle and Dee DuSold, Lab Supervisor

NEW AT THE ADDL!

- ♦ **Tritrichomonas foetus PCR** - PCR testing is now available on samples from bulls and cows in the InPouch™ TF or TF Transit Tubes. See below for information on purchasing test kits.

Cost: Individual - \$30.00

Pool (up to five samples) - \$50.00*

*Includes retest of individual samples if positive pool.

- ♦ **Bovine Rotavirus PCR** - PCR testing is now available on feces and tissue.

Cost: \$30.00 per sample

- ♦ **Bovine Respiratory FA Panel** - a combination of Fluorescent Antibody tests for the routine respiratory pathogens for a discounted price. Panel includes: BRSV, IBR, PI3, and BVDV.

Cost: \$30.00 per sample

Tritrichomonas foetus Test Kit

The ADDL is now offering a test kit for *Tritrichomonas foetus* testing. The test kit utilizes Biomed's In-Pouch™ transport media and includes:

1. Instructional sheet
2. Partially-filled Ruminant Submission form
3. InPouch™ TF
4. Plastic bag with zipper closure
5. Shipping label

If you have any questions regarding submission, ordering of additional kits or InPouch™ TF please contact the Indiana Animal Disease Diagnostic Laboratory at 765-494-7440 or addl@purdue.edu.

