<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Seminar Title</th>
<th>Speaker</th>
<th>Credentials</th>
<th>Affiliation</th>
<th>Available for CE credit?</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/22/2016</td>
<td>9 a.m.</td>
<td>Gluck</td>
<td>PhD Defense Seminar: Role of Skeletal Paracrine Signals in the Proliferation and Chondrogenic Differentiation of Interzone Cells in Horses</td>
<td>Parvathy Thampi</td>
<td>DVM, MS</td>
<td>Graduate Research Assistant, Gluck Equine Research Center, University of Kentucky</td>
<td>No</td>
</tr>
<tr>
<td>12/15/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Naturally Occurring Equine Herpesvirus 5 Infection in Australian Horses</td>
<td>Zeleum Mekuria</td>
<td>DVM, PhD</td>
<td>Postdoctoral Scholar, Gluck Equine Research Center, University of Kentucky</td>
<td>No</td>
</tr>
<tr>
<td>12/8/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>The New Equine Reference Genome: In the Home Stretch</td>
<td>Ted Kalfleisch</td>
<td>PhD</td>
<td>Associate Professor, Biochemistry and Molecular Genetics, School of Medicine, University of Louisville</td>
<td>No</td>
</tr>
<tr>
<td>12/1/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Host Factors Controlling the Fate of Equine Arteritis Virus Infection</td>
<td>Sanjay Sarkar</td>
<td>MVSc, PhD</td>
<td>Postdoctoral Scholar, Gluck Equine Research Center, University of Kentucky</td>
<td>Yes</td>
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<tr>
<td>11/18/2016</td>
<td>10 a.m.</td>
<td>Gluck</td>
<td>Can Enrofloxacin be Safely Administered to Late-Term Pregnant Mares?</td>
<td>Igor Canissio</td>
<td>-</td>
<td>Assistant Professor of Theriogenology, Department of Veterinary Clinical Medicine, Adjunct Assistant Professor of Comparative Biosciences, College of Veterinary Medicine, University of Illinois Urbana-Champaign</td>
<td>Yes</td>
</tr>
<tr>
<td>11/17/2016</td>
<td>4 p.m.</td>
<td>UKVDL</td>
<td>Antibiotic: What new “tools” are available for diagnosis, treatment, and prevention.</td>
<td>Nathan Slovis</td>
<td>DVM, DACVIM, CHT</td>
<td>Hagyard Equine Medical Institute</td>
<td>Yes</td>
</tr>
<tr>
<td>11/10/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Carpal Disease</td>
<td>Julie Engiles</td>
<td>DACVP, VMD</td>
<td>Associate Professor of Pathology, Department of Pathobiology, New Bolton Center, University of Pennsylvania</td>
<td>Yes</td>
</tr>
<tr>
<td>11/3/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Training Bioinformatics-Capable Scientists through Research and Mentorship</td>
<td>Brandon Condon</td>
<td>PhD</td>
<td>Post-doctoral Scholar, Department of Plant Pathology, University of Kentucky</td>
<td>No</td>
</tr>
<tr>
<td>10/27/2016</td>
<td>4 p.m.</td>
<td>UKVDL</td>
<td>Sport Horse Lameness</td>
<td>Brendan Furlong</td>
<td>PhD</td>
<td>B.W. Furlong and Associates</td>
<td>Yes</td>
</tr>
<tr>
<td>10/20/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Metabolic, Inflammatory, and Immunological Consequences of Insulin Dysregulation in Horses</td>
<td>Sarah Elzinga</td>
<td>BS, MS</td>
<td>Graduate Research Assistant, Gluck Equine Research Center, University of Kentucky</td>
<td>No</td>
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<tr>
<td>10/20/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Comparing Accuracy and Precision of a Smartphone-based Parasite Egg Count System to Manual Methods</td>
<td>Jessica Scare</td>
<td>BS, MS</td>
<td>Graduate Research Assistant, Gluck Equine Research Center, University of Kentucky</td>
<td>No</td>
</tr>
<tr>
<td>10/13/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>The Kentucky Horse Racing Necropsy Program, Progress and Prospects</td>
<td>Laura A. Kennedy</td>
<td>DVM, DACVP</td>
<td>Veterinary Pathologist, Veterinary Diagnostic Laboratory, University of Kentucky</td>
<td>Yes</td>
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<tr>
<td>10/10/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Countermeasures against Emergent and Zoonotic Animal Pathogens</td>
<td>Bonto Faburay</td>
<td>DVM, PhD</td>
<td>Research Assistant Professor, Vaccines, Diagnostics, Biotherapeutics, Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University</td>
<td>Yes</td>
</tr>
<tr>
<td>10/6/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Rift Valley: Development of Target Animal Models and Novel Vaccines</td>
<td>Juergen Richt</td>
<td>DVM, PhD</td>
<td>Regents Distinguished Professor, Department of Diagnostic Medicine/Pathobiology, Director, US Department of Homeland Security Center of Excellence for Emerging and Zoonotic Animal Diseases (CEEZAD), College of Veterinary Medicine, Kansas State University</td>
<td>Yes</td>
</tr>
<tr>
<td>10/3/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Defining Mechanisms and Architecture of Versatile Bacterial Type IV Secretion System Machineries</td>
<td>Carrie Shaffer</td>
<td>PhD</td>
<td>Postdoctoral Scholar, Division of Biology and Biological Engineering, California Institute of Technology</td>
<td>Yes</td>
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<tr>
<td>9/29/2016</td>
<td>4 p.m.</td>
<td>UKVDL</td>
<td>Drug Metabolism in the Horse: Applications for Therapeutic and Regulatory Medicine</td>
<td>Jennifer Davis</td>
<td>PhD, DACVIM, DACVCP</td>
<td>Associate Professor, Equine Internal Medicine and Clinical Pharmacology, North Carolina State University</td>
<td>Yes</td>
</tr>
<tr>
<td>9/27/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Cholesterol an Essential Nutrient for Borrelia</td>
<td>Alvaro Toledo</td>
<td>PhD</td>
<td>Research Assistant Professor, Department of Molecular Genetics and Microbiology, Center for Infection Diseases, Stony Brook University</td>
<td>Yes</td>
</tr>
<tr>
<td>9/22/2016</td>
<td>4 p.m.</td>
<td>Gluck</td>
<td>Natural History of the CXCL16 Susceptibility Gene for Equine Arteritis Virus</td>
<td>Ernest Bailey</td>
<td>PhD</td>
<td>Professor, Gluck Equine Research Center, University of Kentucky</td>
<td>Yes</td>
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<tr>
<td>8/25/2016</td>
<td>3:30 p.m.</td>
<td>UKVDL</td>
<td>Genetic Testing at Gluck Laboratory Services</td>
<td>Kathryn Graves</td>
<td>PhD</td>
<td>UK Genetic Testing, Gluck Equine Research Center, University of Kentucky</td>
<td>Yes</td>
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<tr>
<td>8/25/2016</td>
<td>3:30 p.m.</td>
<td>UKVDL</td>
<td>Equine Parasite Control...What's New?</td>
<td>Martin Nielsen</td>
<td>PhD</td>
<td>UK Gluck Equine Research Center, University of Kentucky</td>
<td>Yes</td>
</tr>
<tr>
<td>7/28/2016</td>
<td>4 p.m.</td>
<td>UKVDL</td>
<td>Pushin and pulling across the blood gas barrier mechanisms of EIPH</td>
<td>David Poole</td>
<td>PhD</td>
<td>Kansas State University</td>
<td>Yes</td>
</tr>
</tbody>
</table>
How tumors develop from transformed cells to cancer models of multi-stage tumor development

David Hurley

BA, PhD

University of Georgia

Yes

Molecular Evolution of Equine Influenza Virulence Factors and Implication for Virus Control Strategies

Carolina Chauché

DVM, MSc

Centre for Virus Research, Institute of Infection, Immunity and Inflammation, College of Medical, Veterinary and Life Sciences, University of Glasgow

Yes

Differential Gene Expression in Equine Carilaginous Tissues and Induced Chondrocytes

Emma Adam

B.Vet.Med., MRCVS, DACVIM, DACVS

Graduate Research Assistant, Gluck Equine Research Center, University of Kentucky

No

For Young Scientists: Animal Health Job Opportunities in 2016 and Beyond.

Rob Keene

DVM

Equine Technical Manager, Boehringer Ingelhein Vetmedica Inc.

Yes

Differential Gene Expression in Equine Carilaginous Tissues and Induced Chondrocytes

Emma Adam

B.Vet.Med., MRCVS, DACVIM, DACVS

Graduate Research Assistant, Gluck Equine Research Center, University of Kentucky

No

Emerging Infectious Diseases and Zika Virus Outbreak in Brazil

Jenner K. Pimenta dos Reis

PhD

Professor, RetroLab, Department of Veterinary Medicine, College of Veterinary Medicine, Federal University of Minas Gerais, Brazil

Yes

"Old Age is No Place for Sissies": Immune Responses Coping with Chronic Oral Infections at the Mucosal Surface

Jeffery Ebersole

PhD

Alvin L. Morris Professor of Oral Health Research, Associate Dean for Research & Graduate Studies, College of Dentistry, University of Kentucky

Yes

Bent Out Of SHAPE: The Role of Coding and Non-Coding Determinants in Alphavirus Pathogenesis

Mark T. Heise

PhD

Professor, Department of Genetics, Department of Microbiology and Immunology, The University of North Carolina

Yes

Three-Minute Thesis: By our post-qualifying exam graduate research assistants

Carleigh Fedorka, Emma Adam, Gloria Gellin, Allison Sparling, Mariano Carrossino, Parvathy Thampi, Sarah Elzinga, Jennifer Bellaw, John Eberth

Graduate Students

Gluck Equine Research Center, University of Kentucky

No

Improving the Structural and Functional Annotation of the Equine Reference Genome

Jamie MacLeod

VMD, PhD

Professor, Gluck Equine Research Center, University of Kentucky

Yes

From Empirical to Rational Vaccine Design

R. Frank Cook

PhD

Research Associate Professor, Gluck Equine Research Center, University of Kentucky

Yes

Evaluating the Cause and Effect Relationship of Neuropathogenicity and Type-1 Interferon Response by Equine Herpesvirus-1 Phenotypes

Fatai Oladunni

Graduate Student

Graduate Research Assistant, Gluck Equine Research Center, University of Kentucky

No

Navicular Disease

Jim Schumacher

DVM

University of Tennessee

Yes

MicroRNAs throughout Gestation in the Mare

Shavahn Loux

PhD

Postdoctoral Scholar, Gluck Equine Research Center, University of Kentucky

No

Joint Neuroinflammation

Stephanos Kyranides

DDS, PhD

Dean, College of Dentistry, University of Kentucky

Yes

Reproduction in Sport Horses

Etta Agan Bradecamp

DVM, Dipl. ACVIM, Dipl. ABVP

Rood and Riddle Equine Hospital

Yes

Susceptibility of Foals to Rhodococcus equi: a New Direction for an Old Problem

David W. Horohov

PhD

Chair, Department of Veterinary Science, Director, Gluck Equine Research Center, University of Kentucky

Yes