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Telepathology: A new frontier for global animal diagnostics training and service

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Tele-pathology, the practice of pathology at a distance, offers unique collaboration opportunities in pathology training, research and diagnostic and educational capacity building. Connecting pathology expertise and resources in one country or institution with other regions where critical knowledge and resource gaps may exist, highlights a remarkable area of improvement in targeting pathology training to the unique needs of partner institutions. In addition, this unique technology may help with the control and elimination of endemic trans-boundary animal diseases. Recent advances in web-based tele-pathology systems now enable dynamic real-time collaboration and consultation between individuals and institutions around the world. With the support of IVCC and Zoetis the University of Minnesota, College of Veterinary Medicine and the Minnesota Veterinary Diagnostic Laboratory has partnered with Jilin University in China and Yangling Besun Agricultural Industrial Group (Besun) pork production company to pilot a real-time, dynamic, web-based tele-pathology system, providing new opportunities to connect pathology training and collaborative efforts across two continents and three institutions.

Biography

James E Collins is the Director of the University of Minnesota Veterinary Diagnostic Laboratory and a Professor of Anatomic Pathology in the Veterinary Population Medicine Department in the College of Veterinary Medicine. He has published more than 100 papers in reputed journals and has been serving as an Editorial Board Member of repute.

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