



Career Development Workshop

Looking Forward: Cutting-Edge Technologies and Skills for Pathologists in the Future

Co-Chairs: Kyathanahalli Janardhan, BVSc, MVSc, PhD, DACVP, Integrated Laboratory Systems, Research Triangle Park, NC; and Rebecca Kohnken, DVM, PhD, DACVP, AbbVie, North Chicago, IL

Toxicologic Pathology is one of the most valuable fields contributing to the advancement of animal and human health. With the ever-changing technological and economic environment, the basic skill set pathologists are equipped with, may require refinement to address the current and future needs. Periodically, pathologists must add relevant, new skills to their toolbox. This session provides a comprehensive review of some of the skills that will be handy for the current time and the near future.

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| 8:00 AM–8:05 AM | Welcome and Introduction |
| 8:05 AM–8:45 AM | Artificial Intelligence—Pathologist’s Friend or Enemy?
<i>Oliver C. Turner, BSc (Hons), BVSc, MRCVS, PhD, DACVP, DABT, Novartis Institutes for Biomedical Research, East Hanover, NJ</i> |
| 8:45 AM–9:30 AM | Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) Technology
<i>Channabasavaiah B. Gurumurthy, MVSc, PhD, Exec MBA, University of Nebraska Medical Center, Omaha, NE</i> |
| 9:30 AM–10:00 AM | Break |
| 10:00 AM–10:45 AM | MicroRNA Therapies
<i>Rebecca Kohnken, DVM, PhD, DACVP, Abbvie, North Chicago, IL</i> |
| 10:45 AM–11:30 AM | Next Generation Sequencing (NGS)
<i>Ramesh C. Kovi, BVSc & AH, MVSc, PhD, DACVP, DABT, EPL, Inc., Research Triangle Park, NC</i> |
| 11:30 AM–12:00 Noon | Panel Discussion |