

Christopher Coldren PhD Co-Authors AMP Journal of Molecular Diagnostic Article

Brentwood, TN – (Wednesday, March 7, 2018) - PathGroup, a premier provider of anatomic, clinical and molecular pathology laboratory services, is pleased to announce that Christopher Coldren, PhD has co-authored an evidence based guideline published in the *Journal of Molecular Diagnostics* (Nov. 2017) entitled “*Standards and Guidelines for Validating Next-Generation Sequencing Bioinformatics Pipelines.*”

The guideline examines bioinformatics pipelines as an integral component of next-generation sequencing (NGS). Processing raw sequence data to detect genomic alterations has a significant impact on disease management and patient care. Because of the lack of published guidance, there is currently a high degree of variability in how members of the global molecular genetics and pathology community establish and validate bioinformatics pipelines. Improperly developed, validated, and/or monitored pipelines may generate inaccurate results that may have negative consequences for patient care. To address this unmet need, the Association of Molecular Pathology, with organizational representation from the College of American Pathologists and the American Medical Informatics Association, has developed a set of 17 best practice consensus recommendations for the validation of clinical NGS bioinformatics pipelines. The full article can be reviewed [here](#).

The *Journal of Molecular Diagnostics*, co-owned by the Association for Molecular Pathology (AMP) and the American Society for Investigative Pathology (ASIP), publishes high quality original papers on scientific advances in the translations and validation of molecular discoveries in medicine into the clinical diagnostic setting, and the description and application of technological advances in the field of molecular diagnostic medicine.

Dr. Coldren currently serves as the Director of Bioinformatics for PathGroup, a position he has held since 2013. In this role, Dr. Coldren helps to develop and support clinical genomics for community-based oncology. Dr. Coldren received his Ph.D. in Biophysical Chemistry from Yale University and completed a postdoctoral fellowship at Massachusetts Institute of Technology.

Join us in congratulating Dr. Coldren on this achievement.

About AMP

The Association for Molecular Pathology (AMP) was founded in 1995 to provide structure and leadership to the then-emerging field of molecular diagnostics. Through its Board of Directors and Committees, AMP pursues topics of importance to those at the forefront of this growing discipline. From the beginning, AMP has worked to develop mechanisms for training and certification in diagnostic molecular pathology. AMP has assumed national visibility with its efforts to shape regulations and policy that influence research and the practice of molecular diagnostics. The organization is divided into the scientific subdivisions of genetics, infectious diseases, hematopathology, and solid tumors. Each subdivision addresses issues, identifies goals, shapes policy, and provides member benefits specific to that particular discipline. For more information, visit <https://www.amp.org/>.

About ASIP

The American Society for Investigative Pathology (ASIP) is a society of biomedical scientists who investigate mechanisms of disease. Investigative pathology is an integrative discipline that links the presentation of disease in the whole organism to its fundamental cellular and molecular mechanisms. It uses a variety of structural, functional, and genetic techniques and ultimately applies research findings to the diagnosis and treatment of diseases. ASIP advocates for the practice of investigative pathology and fosters the professional career development and education of its members.

About PathGroup

Founded in 1965, PathGroup has evolved into a premier provider of anatomic, clinical and molecular pathology laboratory services. Privately held and physician centric, PathGroup works seamlessly with customers to provide superior diagnostic services. PathGroup uses the latest in proprietary and industry standard technology to deliver fast, accurate results. The company provides clients with the highest quality of services available, consistently exceeding the expectations of physicians, employees, payers and most importantly, patients. One Lab; Total Service. For more information, visit www.pathgroup.com.

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