

AMP Issues consensus guideline recommendations for NGS bioinformatics pipelines

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The Association for Molecular Pathology (AMP), the premier global, non-profit molecular diagnostics professional society, today published 17 consensus recommendations to help clinical laboratory professionals achieve high-quality sequencing results and deliver better patient care. The report, "Standards and Guidelines for Validating Next Generation Sequencing Bioinformatics Pipelines: A Joint Recommendation of the Association for Molecular Pathology and College of American Pathologists," was released online ahead of publication in *The Journal of Molecular Diagnostics*.

"While the recent widespread adoption of next-generation sequencing (NGS) methodologies have transformed our ability to detect somatic and germline variants, the constant technology evolution and absence of professional guidelines have contributed to variability in clinical laboratory practice," said Somak Roy, MD, Assistant Professor of Pathology at University of Pittsburgh Medical Center, Working Group Chair and AMP Member. "To help solve this unmet need, AMP convened and led a multidisciplinary subject matter expert working group with representation from the College of American Pathologists (CAP), and the American Medical Informatics Association (AMIA) to summarize current knowledge, expose challenges and provide guidance on how to develop, implement and validate high-quality bioinformatics pipelines to ensure better overall patient care."

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