PierianDx

Interpretation Services

Combining Powerful Technology with Medical Professional Expertise

About Our **Interpretation Services**

Creating an integrated workspace platform for your clinical lab is only half the challenge. Just as important are scientific and medical experts leveraging the technology to review and interpret genomic findings in the patient's clinical context. That's why PierianDx provides a range of interpretation services to help facilitate medical review that is seamlessly integrated into your clinical lab workflow. From variant scientist review to medical director review and sign out, PierianDx's team of cancer biologists, medical geneticists and molecular pathologists are poised to work together with your medical professional team in order to accelerate your precision medicine program.

Benefits

Supports long term variant review or temporarily during transitional and peak demand times

Enables medical review and sign out capabilities to supplement your medical specialty resources

Flexible engagement services designed around your needs

Leverages years of scientific and medical experience as well as rapidly evolving best practices being established by medical professional organizations

PierianDx *Services Offered*

Variant Scientist Review

Cancer biologists and trained genetics professionals perform scientific review to classify and annotate variants. For somatic cancer assays, recently published variant classification guidelines by the Association of Molecular Pathology, American Society of Clinical Oncology, and the College of American Pathologists are utilized. Reporting includes relevant therapeutic, prognostic, and diagnostic information both in the patient's tumor type and other tumor types which is inclusive of matching to active, recruiting clinical trials. Where appropriate, suspicion of hereditary cancer syndromes is reported. For germline assays, American College of Medical Genetics guidelines are followed to assess and classify variants. This process involves evaluating available evidence from population, clinical variant, and disease-specific databases as well as utilizing in silico predictive algorithms to determine the evidence of pathogenicity or benign impact of each variant. Our implementation team will work with your medical professional team to establish the specific, standard operating procedure (SOP) under which variants will be classified, interpreted, and reported at your site.

Medical Director Review

Board-certified medical directors, typically molecular pathologists and medical geneticists, review cases prepped by our variant scientists to make assessments of medical meaningfulness of variants as well as to finalize variant-specific as well as overall interpretation for patient management by treating physicians. This information includes recommended therapeutic options, more aggressive or conservative disease monitoring, recommended clinical trials, and genetic counseling, each of which is offered in the appropriate clinical context. Your medical directors may then review our recommendations, finalize the case, and sign it out. An extension of this service includes participating in a molecular tumor board as well as consulting with our medical director either directly with your client treating physician or in a three-way interchange where your medical director and the treating physician may discuss case specifics with our medical director.

Sign-out Services

PierianDx medical directors with appropriate state-specific licensures sign out cases that have been previously reviewed by our Interpretation Services team. This service is available for both somatic and germline assays and provides a turnkey solution to the professional component that is required of each clinical genomic test. As with all of our other services, this service may be transitional or long term and may be applicable to a single (e.g. a pharmacogenomic test) or group (e.g. all germline assays) of tests under your portfolio.

Team

Your PierianDx interpretation services team has years of experience curating, annotating, and medically reviewing variants for a range of clinical genomic assays. No matter the scope of your assays or your medical professional needs, our team of medical directors and variant scientists can engage collaboratively with your team to provide expert interpretation services.

For more information, visit:
pieriandx.com
info@pieriandx.com.

77 Maryland Plaza,
St. Louis Missouri 63108

PierianDx
enabling personalized medicine