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A Call to Action: Training Pathology Residents in Genomics and Personalized Medicine FREE

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Abstract

Genomics and “medical sequencing” will revolutionize clinical laboratory diagnostics as the foundation for the new era of personalized medicine. However, the medical profession lags far behind the technology and business communities in recognizing and preparing for this change. Pathologists must take the lead in the application of genomics technologies, including whole-genome sequencing, to laboratory diagnostics and personalized medicine. As a critical first step in leading this change, we have established a first-in-the-nation resident curriculum in genomics and personalized medicine. Our goal is to catalyze the adoption of similar training modules in every pathology residency in North America. If we succeed in the widespread implementation of this type of training as a core competency in pathology, we will ensure that the discipline of pathology will lead rather than follow in the coming era of personalized medicine.

Keywords: [Genomics](#), [Residency](#), [Pathology](#), [Personalized medicine](#), [Curriculum](#)

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