Diagnosis is a critical enabler of universal health coverage as the first line of defense against the spread of many diseases. From rapid treatment and combating antimicrobial resistance, to delivering personalized medicine, the clinical demand for diagnosis especially in vitro diagnosis is ever expanding. The development of novel diagnostic method generates value not only in diagnostic testing itself but also in the downstream care pathway. Tests for new biomarkers or with new analytical technologies are developed to enable more rapid, more sensitive, and more specific diagnosis of diseases, which improves patient outcomes and lowers healthcare costs.