



International Alliance for  
Biological Standardization



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Sigrid De Keersmaecker, PhD in Bioscience Engineering, heads the BIOTECH Platform unit within the Transversal Activities in Applied Genomics scientific service at Sciensano, the Belgian Institute for Health. Her expertise encompasses developing, implementing, and validating new methods for applied genomics, including NGS, for both routine analysis and innovative scientific and technological research across various health applications, including in the field of molecular detection/characterization of microorganisms and human (epi)genetic and microbiome biomarkers. She actively contributes to shaping genomics standards through participation in quality working groups. With a solid publication record and leadership in research projects, she is dedicated to advancing applied genomics for proactive public health policies, such as in the areas of pathogen detection, genomic surveillance, exposome, product quality and food safety, for the benefit of society.

