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Finlay Maguire is an Assistant Professor at Dalhousie University and Pathogenomics Lead at Toronto's Shared Hospital Laboratory. A leading expert in genomic epidemiology and data science, he has significantly contributed to national and international responses to public health emergencies including SARS-CoV-2, avian influenza, and antimicrobial resistance. Through his research and leadership in multinational capacity-building, he translates genomic insights into real-world clinical decision-making and public health practice on a global scale.

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