

# Expert Alert

## **Dr. Anu Rebbapragada** *Scientific Director of Microbiology*

### **Overview**

Dr. Anu Rebbapragada, Scientific Director of Microbiology at Dynacare, is a Board Certified Clinical Microbiologist (American Board of Medical Microbiology and Fellow of Canadian College of Microbiology) and Infection Control specialist (Certified Infection Control practitioner) whose 15 year professional experience spans academic, public and private sectors.

Her training includes microbial molecular genetics, cell signaling pathways, mucosal immunology, clinical epidemiology and field-based clinical research studies resulting in 39 peer-reviewed publications in major scientific journals.



### **Select Professional Achievements**

- Implemented the Trichomonas nucleic acid amplification test, the first Canadian diagnostic lab to launch molecular testing for the most prevalent sexually transmitted infection.
- Leveraged digitized informatics to produce an electronic 'Infection Control Report' which provides cumulative year-to-date statistics of antibiotic resistance organisms with user friendly graphical display. The report can be viewed or downloaded on demand and is accessed for free by ~300 long-term care facilities in Ontario.
- Design and implementation of molecular tests for surveillance, outbreak response and diagnostics of infectious diseases at Public Health Ontario Laboratory. Her work was awarded multi-year CIHR and NSERC grant funding and she was the Lead Scientist of the Genomics Core Facility to implement "next generation sequencing" for public health investigations.
- Conducted a Gates Foundation funded research project on-site in Nairobi, Kenya to identify immune correlates of HIV/AIDS in female sex worker cohorts.

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