

Curriculum Vitae
Dr. Roger Hodkinson
M.A., M.B., B.Chir.(Cantab), FRCPC, FCAP

EDUCATION

- State Grammar School, UK. 'A' and 'S' Levels with Distinction
- 1962–64 Cambridge University, UK. (Corpus Christi College)
- 1966–68 University College Hospital Medical School, London, UK.

PROFESSIONAL TRAINING

- 1970–73 Pathology Residency, University of British Columbia, Vancouver, British Columbia, Canada

AWARDS AND SCHOLARSHIPS

- Scholarship to Corpus Christi College, Cambridge University, UK
- 1994 Citizen of the Year Award, Edmonton, Alberta Canada
- Lifetime (25 year) Service Award, Action on Smoking and Health

PROFESSIONAL SOCIETIES AND MEMBERSHIPS

- Registered Medical Practitioner with the College of Physicians and Surgeons of Alberta, Canada, the Medical Council of Canada, and the General Medical Council (UK). All in good standing.
- Fellow, College of American Pathologists (current)
- Fellow, Royal College of Physicians of Canada, Ottawa, Canada (current)
- Past President, Alberta Society of Laboratory Physicians

OTHER SOCIETIES AND MEMBERSHIPS

- Action on Smoking and Health, Edmonton, Alberta, Canada. Past Honorary Chairman
- The Sir Winston Spencer Churchill Society, Edmonton, Canada. Past President
- En-Garde Fencing Club, Edmonton, Alberta, Canada. Founding President.

TEACHING EXPERIENCE

- Previously, Assistant Clinical Professor, Faculty of Medicine, University of Alberta, Edmonton, Alberta, Canada
- Past Chairman of Test Committee in General Pathology, Royal College of Physicians of Canada, Ottawa, Canada (This committee sets the annual Pathology Board Examination for the Royal College)

WORK EXPERIENCE

- General Pathologist with special interest in Molecular Diagnostics and Hematopathology.
- Extensive involvement with resident and medical student teaching.
- Successful leadership of a large private retail medical diagnostic laboratory
- Long-term experience in medical politics and contract negotiations with Government.
- Successful serial entrepreneur in a variety of start-up medical businesses.
- Substantial experience in both print and electronic media.
- Experience in a variety of international medical diagnostic markets (USA, Poland, Phillipines).

ADMINISTRATIVE EXPERIENCE

- Executive Chairman and Medical Director of Bio-ID Diagnostics Inc. (current)
- Chairman, MutantDx a molecular diagnostic company based in Greensboro, NC, USA (current)
- CEO and Medical Director, Western Medical Assessments Corp., Edmonton, Alberta (current)
- Previously, CEO of a major retail medical diagnostic testing company (Stirrat Laboratories) serving Northern Alberta.
- Previously, Pathologist in charge of the Hematology Laboratory and Blood Bank of an active Community/Teaching Hospital (Misericordia Hospital), Edmonton, Alberta, Canada.
- Past Member of the Committee on Laboratory Accreditation at the College of Physicians and Surgeons of Alberta

INTELLECTUAL PROPERTIES

- 2000. Vinayagamoorthy, T., and Roger Hodkinson, US patent: Apparatus for point of care target amplification.
- 2000. Vinayagamoorthy, T., and Roger Hodkinson, US patent: Point of care target amplification.

RESEARCH PUBLICATIONS

1. Vinayagamoorthy, T., Mulatz, K., Drebot, M., Hodkinson, R., Molecular typing of West Nile Virus, Dengue and St. Louis Encephalitis using Multiplex Sequencing. (Accepted for Publication in the Journal of Molecular Diagnostics.)
2. Vinayagamoorthy, T., Mulatz, K., Hodkinson, R., Identification of SARS-CoV using Simultaneous MultiGene DNA Sequencing. Journal of Clinical Microbiology. 2004 July;42(7): 3291–3294
3. Vinayagamoorthy, T., Mulatz, Wallis, P., Hodkinson, R., Detection of Giardia lamblia and Cryptosporidium parvum in Water Samples Using Multiplex Sequencing Technology. American Laboratory (May. 2004)
4. Vinayagamoorthy, T., Mulatz, Hodkinson, R., DNA Sequence-Based High-Throughput Microbial Identification Using Multiplex Sequencing. American Biotechnology Laboratory (Dec 2003) Vol. 22 No. 2)
5. Vinayagamoorthy, T., Mulatz, Hodkinson, R., Identification of West Nile and other flaviviruses using multiplex sequencing (MultiGEN). Presented at the American Society of Microbiology Conference on Polymicrobial Diseases. October 19th-23rd, 2003 (Lake Tahoe, Nevada)
6. Hodkinson, R., Mulatz, K., Wylie, J., Vinayagamoorthy, T., Simultaneous Genotyping of Sexually Transmitted Bacterial Pathogens using MultiGEN Technology. Presented at the International Society for Sexually Transmitted Disease Research (ISSTDR) Congress. July 27th–30th, 2003 (Ottawa, Canada)
7. Vinayagamoorthy, T., Mulatz, Hodkinson, R., Nucleotide Sequence Based Multi-Target Identification MultiGEN. Journal of Clinical Microbiology. 2003 July; 41(7): 3284–3292
8. Hodkinson, R., Vinayagamoorthy, T., Mulatz, Identification of Food Pathogens Using Multiple Signature Sequences. Presented at the 12th World Food Science and Technology Congress. July 16th–20th, 2003. (Chicago, USA).