

Ph.D. Student Research Assistantship in Molecular Plant Virology



University of British Columbia (UBC),
Vancouver, BC, Canada

and

Pacific Agri-Food Research Centre
Agriculture and Agri-Food Canada (AAFC),
Summerland, BC, Canada (picture)

At least one and possibly two positions are available for Ph.D. students to pursue studies on the interaction of plant viruses with their host. Specific research areas will be (1) to investigate the assembly of viral replication complexes (mini-virus factories) and (2) to investigate the interaction of viruses with plant defense pathways (necrotic response and RNA silencing). The research will require techniques in molecular biology, plant tissue culture, cellular biology and biochemistry. The successful candidate will work in a vibrant research community with other students, post-doctoral fellows and technicians. The research will increase our understanding of plant-virus interactions and will contribute to the discovery of novel antiviral strategies.

A research assistantship will be offered to the successful candidate(s). Highly motivated students with good communication and interpersonal skills will be preferred. A B.Sc. or M.Sc. in Molecular Biology, Biochemistry or Microbiology or a related discipline is required. Candidates will need to apply for admission to the Faculty of Graduate Studies, UBC to be eligible for this position. Research will be conducted at the Pacific Agri-Food Research Centre in Summerland, British Columbia.

For more information, please contact

Dr. Helene Sanfacon

Research Scientist
Pacific Agri-Food Research Centre
Summerland, BC, Canada

Adjunct Professor
Dept. of Botany,
University of British Columbia-Vancouver

Tel: (250) 494-6393

Fax: (250) 494-0755

E-mail: SanfaconH@agr.gc.ca

