



Webinar of the Polish Phytopathological Society
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Dilantha Fernando

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WORK PLACES

- 2017 – to date – Dean of Studies, St. Paul's College, University of Manitoba
- 2006 – to date – Full Professor, University of Manitoba
- 2003- 2006 - Associate Professor, University of Manitoba
- 1998-2003 – Assistant Professor, University of Manitoba

EDUCATION

- 1986-1990 – PhD, Oregon State University, USA, PhD in plant pathology
- 1982-1984 – MSc – University of Kelaniya, Sri Lanka, MSc in Microbiology
- 1977–1981 – BSc (Hons) – University of Peradeniya, BSc in Botany

SCIENTIFIC INTERESTS

- Host-pathogen interactions at the gene for gene level
- Host-pathogen epidemiology
- Biological Control of plant pathogens and PGPR research
- Microbiome Research on the rhizosphere and phyllosphere
- Pre-breeding – for disease resistance genes and identifying novel R-genes

PUBLICATIONS

1. Justine Cornelsen¹, Zhongwei Zou, Shuanglong Huang, Paula Parks, Ralph Lange, Gary Peng and **W. G. Dilantha Fernando**. 2021. Validating the Strategic Deployment of Blackleg Resistance Gene Groups in Commercial Canola Fields on the Canadian Prairies. *Frontiers in Plant Science*. <https://doi.org/10.3389/fpls.2021.669997> IF = 5.44
2. Abbot O. Oghenekaro , Maria A. Oviedo-Ludena , Mitra Serajazari, Xiben Wang, Maria A. Henriquez, Nancy G. Wenner, Gretchen A. Kuldau, Alireza Navabi, Handley R. Kutcher and **W. G. Dilantha Fernando**. 2021. Population Genetic Structure and Chemotype Diversity of *Fusarium graminearum* Populations from Wheat in Canada and North Eastern United States. *Toxins*. 13, 180. <https://doi.org/10.3390/toxins13030180>. IF= 4.086
3. Ayooluwa J. Bolaji, Joey C. Wan, Christopher L. Manchur, Yvonne Lawley, Teresa R. de Kievit, **W. G. Dilantha Fernando** and Mark F. Belmonte. 2021. Microbial Community dynamics of soybean is affected by crop sequence. *Frontiers in Microbiology*. IF = 5.64 <https://doi.org/10.3389/fmicb.2021.632280>
4. Fei Liu, Zhongwei Zou, Gary Peng, and **W. G. Dilantha Fernando**. 2021. *Leptosphaeria maculans* Isolates Reveal Their Allele Frequency in Western Canada. *Plant Disease*. 0, 1-9. <https://doi.org/10.1094/PDIS-08-20-1838-RE>. IF = 3.8
5. Zhongwei Zou, Fei Liu, Shuanglong Huang, **W.G.D. Fernando**. 2021. Genome Wide Identification and Analysis of VQ Motif-containing Family in *Brassica napus* and Functional Characterization of *BnMKS1* in Response to *Leptosphaeria maculans*. *Phytopathology*. 111(2), 281-292. <https://doi.org/10.1094/PHYTO-04-20-0134-R>. IF=3.234