
CURRICULUM VITAE

Wai Yin (Annie) Chan

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PERSONAL

Name: Wai Yin Chan
Nationality: South African

EDUCATION

Degree	Study focus:
PhD in Microbiology (2012-present) University of Pretoria	Thesis title: Transcriptome profile of Burkholderia Supervisors: Prof Stephanus N. Venter, Prof Emma Steenkamp, Dr Juan Vorster and Prof Oleg Reva
MSc in Microbiology (2009-2012) University of Pretoria	Thesis title: Genome assembly and metabolic pathways reconstruction of <i>Pantoea ananatis</i> LMG 20103 Supervisors: Prof Stephanus N. Venter and Prof Teresa Coutinho
BSc (Hons) Bioinformatics (2008) University of Pretoria	Major in Bioinformatics Supervisor: Prof Oleg Reva
Bachelor of Science (2003-2007) Rhodes University	Major in Biochemistry and Microbiology

EMPLOYMENT HISTORY

2009 – present	University of Pretoria (Practical demonstrator)
2007	Biosensor research group (Laboratory assistance)
2006	Nanotron (Salesperson)

RESEARCH OUTPUTS

- De Maayer, P., Chan, W. Y., Venter, S. N., Toth, I. K., Birch, P. R. J., Joubert, F., & Coutinho, T. A. (2010). Genome Sequence of *Pantoea ananatis* LMG 20103, the Causative Agent of Eucalyptus Blight and Dieback. *The Journal of Bacteriology*, 192(11), 2936-2937. doi:10.1128/JB.00060-10
- Wingfield, B. D., E. T. Steenkamp, Q. C. Santana, M. Coetzee, S. Bam, I. Barnes, C. W. Beukes, W. Y. Chan, L. De Vos, G. Fourie, and others. 2012. First fungal genome sequence from Africa: A preliminary analysis. *South African Journal of Science* 108:9–pages.
- De Maayer, P., Chan, W.Y., Rezzonico, F., Buhlmann, A., Venter, S.N., Blom, J., Goesmann, A., Frey, J.E., Smits, T.H., Duffy, B., and Coutinho, T.A. (2012). Complete Genome Sequence of Clinical Isolate *Pantoea ananatis* LMG 5342. *The Journal of Bacteriology*, 194 1615-1616
- De Maayer, P., Chan, W.-Y., Blom, J., Venter, S., Duffy, B., Smits, T., & Coutinho, T. (2012). The large universal *Pantoea* plasmid LPP-1 plays a major role in biological and ecological diversification. *BMC genomics*, 13(1), 625.
- Le Roux, W. J., Chan, W. Y., De Maayer, P., & Venter, S. N. (2013). Genome Sequence of *Vibrio cholerae* G4222, a South African Clinical Isolate. *Genome Announcements*, 1(2), e00040–13–e00040–13. doi:10.1128/genomeA.00040-13
- Chan, W. Y., Dietel, K., Lapa, S. V., Avdeeva, L. V., Borriss, R., & Reva, O. N. (2013). Draft Genome Sequence of *Bacillus atrophaeus* UCMB-5137, a Plant Growth-Promoting Rhizobacterium. *Genome Announcements*, 1(3), e00233–13–e00233–13. doi:10.1128/genomeA.00233-13

OTHER SCHOLARLY RESEARCH BASED CONTRIBUTIONS

CONFERENCE ATTENDENCE

- South Africa Genetics Society and Southern Africa Society for Bioinformatics and Computational Biology (SAGS/SASBCB) join conference (2012), Poster: Bioinformatics for biotechnology: the use of *Bacillus sp. 63Z* genome sequence for biocontrol developments
- South Africa Society for Microbiology (SASM) conference (2013), Poster: The genome sequence of a *Burkholderia* beta-rhizobium isolate associated with legumes endemic to the Cape Floristic Region

RESEARCH EXCHANGE PROGRAM

- Scottish Crop research institute (SCRI) (January - February, 2010)
- ABiTEP, support by German-South Africa collaboration (June - August, 2012)

WORKSHOP ATTENDENCE

- Bioinformatics workshop (2009)
- "Galaxy" as a tool for biological research Workshop, University of Pretoria (2012)
- Advance Phylogenetic Workshop, University of Pretoria (2013)
- m-RNA seq technology training course, University of Pretoria (2013)
- Roche Lightcycler training workshop, University of Pretoria (2013)

COMMUNITY SERVICE

- Forestry agricultural biotechnology Institute (FABI) mentorship program (2010, 2012-2013)
- Forestry Agricultural Biotechnology Institute (FABI) Social Club Committee (2009-2010)
- Rhodes University First Aid Club Committee (2005-2006)

REFERENCES

Mr Keoagile Oliver Ignatius Bezuidt

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