## **Peer-Reviewed Publications**

\*Authors contributed equally

- 63. Lin D, Coombe L, Jackman SD, Gagalova KK, **Warren RL**, et al. 2019. Complete chloroplast genome sequence of an Engelmann spruce (*Picea engelmannii*) genotype from western Canada. *Microbiol Resour Announc* 8:e00382-19. DOI: 10.1128/MRA.00382-19.
- 62. Lin D, Coombe L, Jackman SD, Gagalova KK, **Warren RL**, et al. 2019. Complete chloroplast genome sequence of a white spruce (*Picea glauca*, genotype WS77111) from eastern Canada. *Microbiol Resour Announc* 8:e00381-19. DOI: 10.1128/MRA.00381-19.
- 61. **Warren RL**, Coombe L, Mohamadi H, Zhang J, Jaquish B, Isabel N, Jones SJM, Bousquet J, Bohlmann J, Birol I. 2019. ntEdit: scalable genome sequence polishing. *Bioinformatics*. doi:10.1093/bioinformatics/btz400.
- 60. Helbing CC, Hammond SA, Jackman SH, Houston S, **Warren RL**, Cameron CE, Birol I. 2019. Antimicrobial peptides from Rana [Lithobates] catesbeiana: Gene structure and bioinformatic identification of novel forms from tadpoles. *Sci. Reports*. 9:1529.
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- 51. Yeo S\*, Coombe L\*, Chu J, **Warren RL**\*, Birol I. 2017. ARCS: Scaffolding genome drafts with linked reads. *Bioinformatics*. 34:725-731. doi:10.1093/bioinformatics/btx675
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- 37. **Warren RL\***, Keeling C\*, Yuen M, Raymond A, Taylor G, Vandervalk BP, Mohamadi H, Paulino D, Chiu R, Jackman S, Robertson G, Yang C, Hoffmann M, Weigel D, Ritland C, Isabel N, Jaquish B, Yanchuk A, Bousquet J, Jones S, Nelson D, Mackay J, Birol I, Bohlmann, J. 2015. Improved white spruce (*Picea glauca*) genome assemblies and annotation of large gene families of conifer terpenoid and phenolic defense metabolism. *The Plant Journal*. 83:189
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## **Patents**

1. E Allen-Vercoe, R Holt, R Moore, R Warren - US Patent App. 13/877,421, 2011. Detection of fusobacterium in a gastrointestinal sample to diagnose gastrointestinal cancer.

## **First-Author Conference Presentations**

- 17. 27<sup>th</sup> Intelligent Systems for Molecular Biology (ISMB), Basel, Switzerland. July 2019 (Poster)
- 16. 22<sup>nd</sup> Annual International Conference on Research in Computational Molecular Biology (RECOMB), Paris, France, April 2018 (Poster)
- 15. 21<sup>st</sup> Annual International Conference on Research in Computational Molecular Biology (RECOMB), Hong Kong, May 2017 (Selected talk)
- 14. American Society of Human Genetics (ASHG), Vancouver, Canada, October 2016 (Poster)
- 13. 24<sup>th</sup> Intelligent Systems for Molecular Biology (ISMB), Orlando, Florida, USA. July 2016 (Invited talk highlights track)

- 12. 23<sup>rd</sup> Intelligent Systems for Molecular Biology (ISMB), Dublin, Ireland. July 2015 (Invited talk late breaking research track. Selected talk HiTSeq)
- 11. Student Biotechnology Network, Vancouver, Canada. February 2015 (Invited talk)
- 10. Pacific Symposium on Biocomputing, Kona, Hawaii, USA. January 2015 (Poster)
- 9. Pacific Symposium on Biocomputing, Kona, Hawaii, USA. January 2012 (Poster)
- 8. Sequencing, Finishing and Analysis in the Future, Santa Fe, New Mexico, USA. June 2010 (Oral presentation)
- 7. Advances in Genome Biology and Technology, Marco Island, Florida, USA. February 2009 (2 Posters)
- 6. Pacific Symposium on Biocomputing, Kona, Hawaii, USA. January 2008 (Poster)
- 5. Synthetic Biology 3.0 conference, Zurich, Switzerland. June 2007 (Invited talk)
- 4. 5th CSHL/Wellcome Trust Genome Informatics meeting. Cold Spring Harbor, New-York, USA. October 2005 (Poster)
- 3. 7th Annual Conference on Computational Genomics. Reston, Virginia, USA. October 2004 (Poster)
- 2. Genomes 2004: International Conference on Microbial Genomes analysis. Hinxton, UK. April 2004 (Poster)
- 3rd CSHL/Wellcome Trust Genome Informatics meeting. Cold Spring Harbor, New-York, USA. May 2003 (Poster)