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Canadian Bioinformatics Workshops

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Introductions to Bioinformatics instructors

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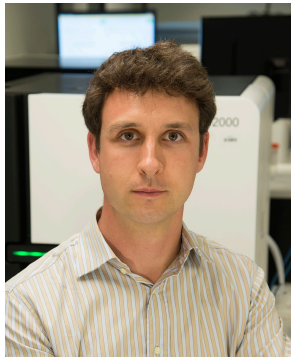

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GRIFFITHLAB
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rnabio.org genviz.org pmbio.org

Washington University in St. Louis
School of Medicine

OICR
Ontario Institute for Cancer Research

Introduction to course– philosophy and goals

Do "the bioinformatics" for someone, and you help them for a day. Teach someone to do bioinformatics, and you help them for a lifetime.

- Ancient Chinese proverb

- Course goals
  - Learn concepts and develop skills for sequence analysis
  - Build the foundation for tackling your own analysis challenges
  - Learn to think like a bioinformatician
  - Have fun

Course format for a typical day

- Lecture
- BREAK
- Practical exercises
- Lunch
- Practical exercises
- BREAK
- Practical exercises
- Wrap-up and Q&A

Student poll (respond in slack)

Not counting the pre-requisites and materials for this course:

- Do you consider yourself a bioinformatician?
- Are you familiar with linux/command line?
  - Intermediate?
  - Expert?
- Do you sometimes write code?
- Are you familiar with R?
  - Intermediate?
  - Expert?
- Do you use git/github?
- What organism do you work with? (Put an animal emoji in slack)
- Are you interested in bulk RNAseq, scRNAseq, or both?

We are on a Coffee Break & Networking Session

Workshop Sponsors:

Canadian Centre for Computational Genomics

HPC4Health

OICR
Ontario Institute for Cancer Research

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