

Canadian Bioinformatics Workshops

www.bioinformatics.ca
bioinformaticsdotca.github.io

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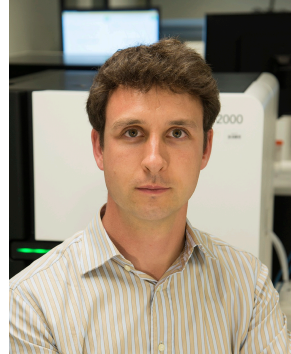
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Introductions to Bioinformatics instructors



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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

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