

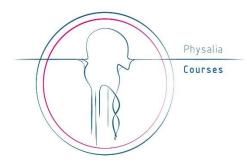
Using the Trinity Framework for De novo Transcriptome Assembly, Annotation, and Downstream Expression Studies

12-16 June 2017

Instructor: Brian Haas (The Broad Institute of MIT & Harvard)



www.physalia-courses.org



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18-25 September 2017

Instructor: Dr. Ken Abut

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8-10 November 2010

Instructors: Dr. Sbiphane local Oliver Setmont, MSc

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22-28 January 2018 Instructor Land Wheide

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Instructor: Dr. Isruary Weiner

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12-18 June 2017 Brian Haus

Data What

10-15 September 2017

Practical GWAG using

Linux and R.

25-27 October 2013

Instructor: Dr. Jing Huss Zhan

A-B December 2017

Dr. Nalaria Rodríguez-Ezpelatia Dr. Josephine Paris

Dr. Martin Jones

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July 2018 Instructor: Dr. Paul 'Joary' McMurdie

Dr. Obi Griffith Dr. Malachi Griffith

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2-8 Distober 2017

Instructor: Dr. Martin Jones

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28 Pebruary-2 March 2018 Instructors: Dr. Owen S. Wangensteen Version Filherscht MS-

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May 2018

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Dr. Martin Jones Pounder, Python for biologists (US)

Dr. Apdin Culhane Manad University, US









Dr. Lawi Wwidron ----inter and

Variable Elbracht (University of Dalidurg-Cover, Germany)







Dr. Martin I. Taylor Enimetals of East Audio, UK)



Mr. Srien J. Heat

Dr. Striphane Joost (291, Setterland)



Dr. Alexander Suh



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Dr. Carmelo Frisciento











Dr. Paul 'Joey' McMurdie







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100 Dr. Obi Griffith



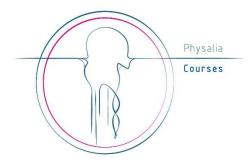


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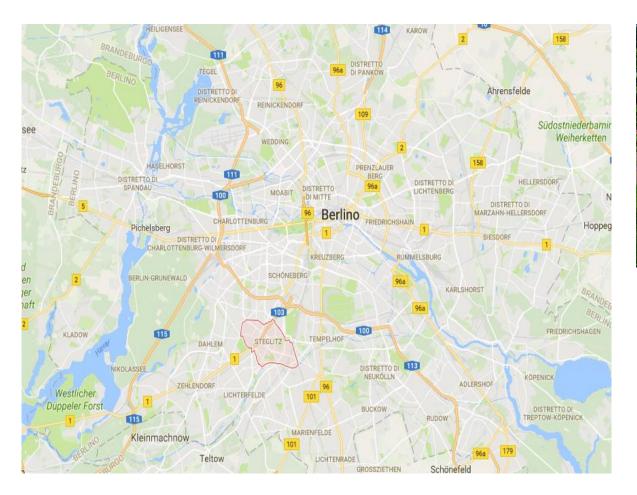
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Dr. Nataria Rodriguez-Expelata

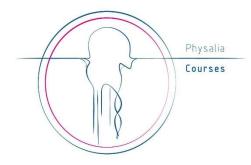
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WELCOME TO BERLIN

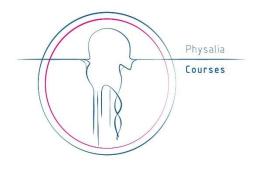






About you

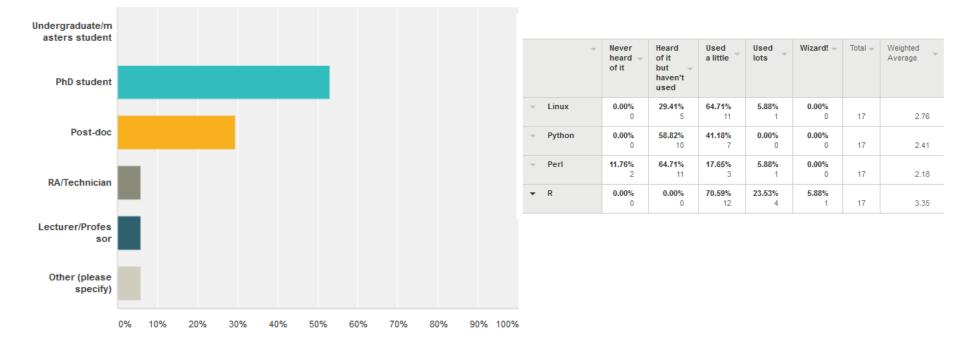




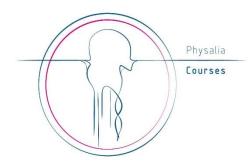
About you

Your current position

Answered: 17 Skipped: 0



Workshop Agenda		
Day	Time	Activities
Monday 12th	09:30-10:00	Workshop introduction
	10:00-11:00	Intro to the Trinity RNA-Seq workshop
	11:00-11:20	Coffee Break
	11:20-12:50	Practical: exploring the computational infrastructure
	13:00-13:50	Lunch
	14:00-16:00	Practical: Unix command-line review
	16:00-16:20	Coffee Break
	16:20-17:30	Practical: using FASTQC and TRIMMOMATIC
Tuesday 13th	09:30-11:00	Overview of Trinity de novo transcriptome assembly
	11:00-11:20	Coffee Break
	11:20-12:50	Intro to expression quantification using RNA-Seq
	13:00-13:50	Lunch
	14:00-16:00	Initial data exploration: assembly quality, and QC samples and replicates
	16:00-16:20	Coffee Break
	16:20-17:30	Initial data exploration: assembly quality, and QC samples and replicates
Wednesday 14th	09:30-11:00	Overview of statistical methods for differential expression (DE)
	11:00-11:20	Coffee Break
	11:20-12:50	Overview of statistical methods for differential expression (DE)
	13:00-13:50	Lunch
	14:00-16:00	Transcript clustering and expression profiling
	16:00-16:20	Coffee Break
	16:20-17:30	Transcript clustering and expression profiling



Ice breaking session



- Who are you?
- Where are you from?
- What's your research project involving RNA-Seq?
- Did you bring RNA-Seq data with you?
 - Format of your data (fastq?)
 - Number of replicates?
 - Approx. number of reads, read length, paired end?