

On-site Bioinformatics Courses

ecSeq provides bioinformatics courses in the field of Next-Generation Sequencing data analysis for both beginners and advanced researchers. The courses are designed and conducted by experts in the field with strong expertise in analyzing high-throughput sequencing data.



On-Site Courses – customer-focused

You don't have to travel far to get professional bioinformatics trainings from our experts. We bring our knowledge to you. Your team / organization will benefit from tailored trainings covering topics that are relevant to you and optionally using your own data. Together with you we design the perfect curriculum and suitable hands-on exercises so that your team members do not only have a confident understanding of the technology but are also able to take advantage of it practically. Our instructors are highly professional researchers, each an expert in a different field, allowing us to cover most of the current high-throughput sequencing applications.

Your Benefits – innovative

- **You decide** what you want to learn in the course
- **You define** the size of the group
- **You control** the speed of the course
- **You can use** your own system and/or live dataset(s)
- **You get** professional help on the spot
- **You save** money (no travel costs)
- **You gain** time (no arrival and departure day)



Training Packages – comprehensive

- **DNA-seq Intro** - Basic Variant Calling (3 days)
- **RNA-seq Intro** - Basic Differential Expression Analysis (3 days)
- **RNA-seq** - Intense Downstream Analysis (4 days)
- **Single-Cell RNA-seq** - Intense Downstream Analysis (3 days)
- **Methyl-Seq** - Intense Downstream Analysis (4 days)
- **Pipeline Development** - Workflow Management with Nextflow (3 days)

All courses include an introduction to Linux and NGS.

Discover more lectures on our website:

www.ecseq.com



Testimonials

„Outstanding workshop with competent trainers. I enjoyed the clear storyline, explanations and discussions. The content trained is very relevant to our daily in-house cross-functional project work.“

Rene Kubiak, Sanofi S.A., France.

„The course was dense, well paced, but no stone was left unturned, particularly for statistics and "black boxes", which I particularly enjoyed. Organisation was very good, as well. The wit and expertise of the instructors made this the best such course I have so far attended.“

Alex Tomazatos, Bernhard Nocht Institute for Tropical Medicine, Germany.

„What a learning curve, I really enjoyed the course! As I did not have any previous knowledge in programming, it was challenging at times, but the explanations by teachers and the course material helped a lot. Also the direct help in the Linux terminal was great. Regarding the theoretical parts of the course, I gained quite some knowledge and understanding on sequencing and data analysis, which will make it much easier for me to collaborate in our interdisciplinary project groups, and to learn more by myself in future.“

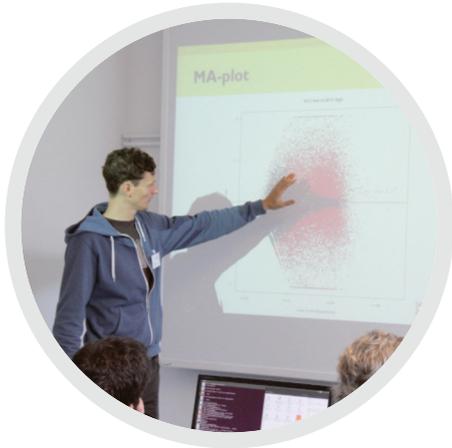
Johanna Raffetseder, Linköping University, Sweden.

„The workshop was very well organised, covering several relevant topics related to the analysis of unprocessed sequence data. The trainers were very well-informed on the subject-matter, and were able to answer every question asked during the workshop. I had a great learning experience and would highly recommend this course as a starting point for aspiring bioinformatitons.“

Lee-Gavin Williams, Puregene AG, Switzerland.

„This course was an excellent introduction to the biology and computational fundamentals needed to work with NGS data. I learned so much in 3 days and now feel confident to start working with the NGS data I've produced!“

Michelle Hung, Senti Biosciences, USA.



Procedure – adaptive

Please request an on-site training via our website www.ecseq.com or write an email to events@ecseq.com. Together we prepare a specific course agenda based on the needs and interests of your team. You can choose between available training packages and specify additional topics of interest. Based on your wishes, we will design a personalized course, select suitable experts and work out course materials.

The training will be conducted on your site using either sample data provided by us or using one of your live datasets. You only need to take care of an auditory and the required hardware for your employees (laptops are sufficient).

About Us – professional

Our bioinformatics team consists of research professionals with solid expertise in the analysis of high-throughput sequencing data. We are actively taking part in current research topics, with ongoing publications in high-impact journals. Our customers include large research organizations such as Max-Planck Institutes and Helmholtz Centres, universities, hospitals, as well as large biotechnology and pharmaceutical companies.

Since 2012 we run public workshops which are continually improved by integrating ideas and suggestions from our participants.

