Using sequence similarity searching tools at EMBL-EBI: webinar

Andrew Cowley [1]

- DNA & RNA
- Proteins
- Beginner
- 0.5 hour

This webinar focuses on how to use tools like BLAST and PSI-Search to find homologous sequences in EMBL-EBI databases, including tips on which tool and database to use, input formats, how to change parameters and how to interpret the results pages.

This webinar took place on 27th May 2015.

NB: This video works best using Google Chrome and when viewed in full screen.

Find out more about upcoming webinars [2].

Learning objectives:

- Evaluate what tools are available for sequence searching and which ones to use in different situations
- Be able to find and use EMBL-EBI's sequence searching tools

Your feedback

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Contributors

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Andrew Cowley was scientific training officer for e-learning in EMBL-EBI's Training team. Before joining the training team he was the Bioinformatics training & support project lead for EMBL-EBI's Web Production team which involved working on tools, training, and helping users with all kinds of questions via the EMBL-EBI help desk. He has particular expertise in sequence alignment tools and programmatic access to EMBL-EBI resources.

Andrew studied Biochemistry at Cambridge before moving to York University for post-graduate studies in Bioinformatics and then Structural Bioinformatics, in particular working on the identification of distinctive features in protein structure. He worked as a Bioinformatics specialist for BBSRC Bioscience IT Services from 2005 before starting at EMBL-EBI in 2010.

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**Links**
[1] https://www.ebi.ac.uk/training/online/trainers/apc