UniProt: Exploring protein sequence and functional information - webinar

Sangya Pundir [1]

- Proteins
- Beginner
- 1 hour

In the first webinar [2], Sangya Pundir shows us how we can use UniProt [3] to explore protein sequence and functional information.

The second webinar [4] showcases the latest updates to the UniProt website (webinar recorded on 9th Dec 2015).

The third webinar [5] showcases UniProt's new Feature Viewer - a novel tool which allows you to visualise protein sequence features and variation data from different sources in one compact view.

The fourth webinar [6] in this series focuses on UniProt Proteomes - a portal where you can retrieve a proteome of interest and download the corresponding data set.

NB: These videos works best using Google Chrome and when viewed in full screen.

Learning objectives:

- Discuss what UniProt is and what it can be used for
- Evaluate some of the features and tools that you can use on UniProt

An introduction to UniProt and demo

UniProt website new features in Dec 2015
UniProt Feature Viewer

UniProt Proteomes

The UniProt Knowledgebase [7] (UniProtKB [8]) provides you with a comprehensive, high-quality and freely accessible resource of protein sequence and functional information. Through the Proteomes portal, we provide a large collection of proteomes for species with completely sequenced genomes. This webinar will show you how to retrieve a proteome [9] of interest and download the corresponding data set. We will also cover where proteomes come from and the features available to help users find the right dataset for their work.

Your feedback

Please tell us what you thought about this webinar. Your feedback is invaluable and helps us to improve our courses and thus enhance your learning experience.

Contributors

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Sangya Pundir is a User Experience (UX) Manager in EMBL-EBI's UniProt team, where she established a user-centred process for the redesign of the world’s leading protein resource. To make UniProt easy for researchers to explore, Sangya conducts usability testing and information-gathering methods such as card sorting, contextual studies and workshops. Before she came to EMBL-EBI, Sangya worked at a healthcare consultancy, designing bespoke management systems. She holds an MSc in Biotechnology, Bioprocessing and Business Management
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