Computational chemistry in drug discovery

- Chemical biology
- Beginner
- 1 hour

Darren Green, Director of Computational Chemistry at GSK, presents a talk on using computational chemistry approaches for drug discovery. The talk explains how informatics can aid many steps in the discovery and development process, to elucidate useful information about the biological target and properties of the small molecule under investigation.

During the talk, you will learn about different approaches to analysing the properties of small molecules at various stages of the drug development pipeline.

This webinar was recorded on the 30th March 2016.

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

Learning objectives:

- Evaluate how and when computational chemistry can be used to help in the drug discovery process

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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He studied Human Genetics at the University of Leeds and McMaster University in Hamilton, Ontario; before completing an MSc in Analytical Genomics at the University of Birmingham.

Tom has worked for the NHS in diagnostic genetics and as a bioinformatics trainer for healthcare scientists and clinicians.

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**Links**

[1] https://www.ebi.ac.uk/training/online/trainers/Tom