



Cambridge Society for the Application of Research

Churchill College
Storeys Way
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Finding Patterns in Genes and Proteins

Dr Sarah Teichmann
Sanger Institute/EMBL

7:30 pm, Monday 1st June, 2015

Wolfson Hall Lecture Theatre, Churchill College, Storey's Way, Cambridge

The Lecture:

Sarah Teichmann writes:

In the post-genomic era, high-throughput methods are providing us with a deluge of data about genes and proteins.

What knowledge about biology does this new data hold?

I am working to gain a better understanding of how cells and organisms work so that we can draw on the evolutionary information inherent in the growing number of genome sequences and protein structures.

This talk will explain how computational analysis of genomic information reveals fundamental principles of gene and protein interactions.

About the Speaker:

Sarah Teichmann is interested in global principles of protein interactions and gene expression. In particular, her research focuses on structural bioinformatics and biophysics of protein complexes, and genome biology to study genetic switches in T cells.

Sarah did her PhD at the MRC Laboratory of Molecular Biology, Cambridge, UK and was a Beit Memorial Fellow at University College London.

She started a group at the MRC Laboratory of Molecular Biology in 2001.

In 2013, she moved to the Wellcome Trust Genome Campus in Hinxton/Cambridge, where her group is joint between the EMBL-European Bioinformatics Institute and the Sanger Institute.

Sarah is an EMBO member, and her work has been recognized by a number of prizes, including the Lister Prize, Biochemical Society Colworth Medal and Royal Society Crick Lecture.

The Lecture will be preceded by a brief presentation by Bursary Student Siang Koh, entitled "It takes two to tango: Combination therapy in cancer"

Please note that we have been reminded that Churchill College students will now be revising for exams, and we are asked to be quiet, especially during the pre-lecture refreshment period.

Practical Matters



Those attending the CSAR lecture may park in the Senior Car Park on Churchill Road, which is off Storey's Way. More parking is available further along Churchill Road, and in the Møller Centre at the far end.

CSAR lectures are open to all; CSAR members are admitted free. Pupils and students may register for free membership at the lecture reception desk.

Non-members are asked to make a nominal contribution of £3.00.

Coffee and biscuits are available in the Wolfson Foyer from around 7pm. For further directions, see: www.chu.cam.ac.uk/about/visitors/directions.php