

COAT Summer course 2015:

Exploring RNA biology using bioinformatics tools and the UCSC genome browser

10-14 August 2015, University of California, Santa Cruz, US

This summer course is intended for biologists or bioinformatics orientated students from other disciplines who are interested in exploring transcriptome-wide data including gene expression, RNA structure, ncRNA and protein-RNA interaction.

Outline: Participants will have a unique hands-on opportunity to explore transcriptome-wide data including gene expression, RNA structure, ncRNA and protein-RNA interactions. In addition course participants will be introduced to research on computational analysis of RNA sequence data and of RNA structures. The course participants will also be exposed to the powerful tools available through the UCSC Genome Browser that is physically hosted by the University of California, Santa Cruz (UCSC).

Course credits: 4 ECTS point certificates are awarded to participants who complete the full course.

Participation fee: It's free of charge for 40 participants and includes free housing and course meals.

Organisation: The summer course is sponsored by the **COAT consortium** and organised by researchers from the University of Copenhagen, Denmark; University of California; Santa Cruz and San Diego, US; Broad Institute, US; University of Christ Church, New Zealand; Aarhus University, Denmark.

The main objective of COAT is to facilitate the design of efficient and safe RNA drugs in part by investigating how RNA structure and RNA-protein interactions affect gene expression.



Time

10-14 August 2015

Venue

University of California, Santa Cruz

Arranged by

COAT- Center for Computational and Applied Transcriptomics

Application

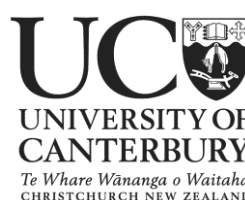
Deadline for application is June 28. Registration and enquiries to be made to Henriette Husum Bak-Jensen, UCPH, by e-mail hhu@bio.ku.dk

More information

Find more information about the course schedule and teachers at <http://rna.dk/2015/coat-summer-course2015/>



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