

CALL FOR PAPERS AND ABSTRACTS

Second RECOMB Workshop on Computational Cancer Biology

RECOMB-CCB '10

June 24-25, 2010

The Norwegian Radium Hospital, Oslo, Norway

<http://bioinfo.cs.technion.ac.il/people/zohar/recombccb2010/>

This workshop will be held in conjunction with the 21st Meeting of the European Association for Cancer Research (EACR)

<http://www.ecco-org.eu/Conferences-and-Events/EACR-21/page.aspx/1105>

THEME AND SCOPE

Cancer biology is undergoing a revolution driven by the application of high-throughput techniques such as genome sequencing, gene and miRNA expression profiling, and mass spectrometry to tumor samples. These techniques produce large quantities of data with the potential to transform fundamental knowledge of cancer biology and clinical practice.

Cancer is disease of tremendous complexity, and thus the analysis and interpretation of this data demands sophisticated, specialized computational methods.

This workshop brings together leading researchers in the mathematical, computational and life sciences to discuss emerging frontiers in computational cancer research. The emphasis of all contributed work will be on applying statistical and algorithmic approaches to improve our understanding of cancer and on the development of useful, effective and efficient new methods in this area.

CONTRIBUTIONS

We solicit contributions in four different categories as follows:

1. Manuscripts describing original work on computational aspects of cancer research. These should describe method development and application and will be considered for a special track publication in BMC Bioinformatics. Please see manuscript guidelines below and on the conference website.
2. Highlights Track abstracts. 1-2 pages describing computational aspects of work that has recently been published elsewhere. These will be considered for short presentations as well as for posters.
3. Abstracts for short talks. 1-2 pages describing original work, including software applications. These will be considered for short presentations as well as for posters.
4. Posters.

Topics of interest include, but are not limited to

- Gene and protein expression data analysis in cancer
- Analysis of copy number variation
- Statistical genetics of cancer
- Biomarkers & cancer signatures
- Models of cancer progression or development
- The role of miRNA and small RNAs in cancer
- Epigenetics Inference of cancer networks e.g. signaling networks Integrative approaches to understanding cancer

KEY DATES

Paper submission deadline April 30, 2010 (**NEW DATE**)

Notification of paper acceptance May 10, 2010

Final manuscript due May 25, 2010

Abstract submission deadline May 20, 2010

Poster submission deadline June 1, 2010

Early registration deadline June 10, 2010

Workshop June 24-25, 2010

Registration and contribution details follow below.

Looking forward to seeing you in Oslo!

CONFERENCE CHAIRS

Mike Hallett (McGill University)

Ben Raphael (Brown University)

Paul Spellman (Lawrence Berkeley National Labs)

Zohar Yakhini (Technion and Agilent Laboratories)

Anne-Lise Borresen-Dale (Norwegian Radium Hospital), Chair of the 21st EACR meeting

CALL FOR PAPERS

Manuscripts should be no more than 10 single-spaced US letter or A4 pages with at most a 6.5x9" text area in at least 11 point font. Title and authors, corresponding author's email address, 100-250 word abstract, references, figures, and tables all included. An optional short appendix may contain details or additional data to be consulted at the discretion of the program committee. Authors of accepted manuscripts will have to reformat them for BMC Bioinformatics.

Manuscripts must be submitted electronically in PDF format via the EasyChair system (on the conference website). Submissions must be received in electronic form by April 25, 2010.

Manuscripts submitted for review should represent original, previously unpublished work. At the time of submission to the workshop, and for the entire review period, the work should not be under review by any other conference or scientific journal.

Accepted submissions will appear in BMC Bioinformatics. Authors of accepted submissions are invited to give a presentation at the workshop.

CALL FOR ABSTRACTS AND POSTERS

(Tracks for highlights, short talks and posters)

Abstracts containing original and unpublished material will be considered for oral presentation.

Abstracts describing computational aspects of work recently published elsewhere will be considered for oral presentation in the Highlights track.

All abstracts are limited to two pages, can contain figures, and must be submitted electronically in PDF format via the EasyChair system (on the conference website). To be considered for oral presentation, submissions must be received in electronic form by May 20, 2010.

Abstracts for poster presentation only will be accepted until June 1, 2010.

Selection of abstracts for oral and poster presentation will be made by the program committee.

REGISTRATION

Registration details are at the conference website:

<http://bioinfo.cs.technion.ac.il/people/zohar/recombccb2010/>