

Invitation to the training school for detection and analysis of circulating tumor DNA (ctDNA) and circulating tumor cells (CTC).

The COST Action CA17118 (TRANSCOLONCAN), Tracepigen, the DCCC Nation Research Center for ctDNA guided cancer, and the European Liquid Biopsy Society invite you to apply for participation in the training school for detection and analysis of circulating tumor DNA (ctDNA) and circulating tumor cells (CTC).

The training school will take place at **Aarhus University Hospital in Denmark on March 28-30 2022.**

The training school has room for 30 participants. The seats are filled based on the applications after registration deadline. Accommodation is covered by the training school and it is possible to apply for covering of travel costs.

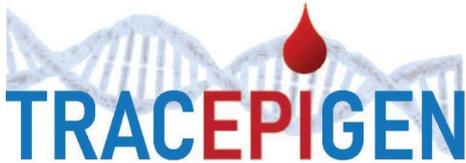
Please register via this link: <https://ibenkongsfelt.wufoo.com/forms/mfkm9vo0a4mxaw/>

Registration deadline 20 January 2022.

If you have any questions regarding the training school, please contact scientific coordinator for the DCCC Nation Research Center for ctDNA guided cancer, Iben Kongsfelt at: ibenbk@clin.au.dk



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Kræftens Bekæmpelse



AARHUS UNIVERSITY



regionmidtjylland

Aarhus Universitetshospital

This training school is based upon work from COST Action CA17118 (TRANSCOLONCAN), supported by COST (European Cooperation in Science and Technology)

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www.cost.eu

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This training school is based upon work from DCCC Nation Research Center for ctDNA guided cancer treatment, supported by the Danish Cancer Society.

www.ctdna.dk

This training school is based upon work from the European Liquid Biopsy Society.

www.elbs.eu

This training school is held at an Aarhus University and Aarhus University Hospital venue

Training school for detection and analysis of circulating tumor DNA (ctDNA) and circulating tumor cells (CTC)

Time: 28-30 March 2022

Place: Department of Molecular Medicine, Aarhus University Hospital.
Brendstrupgårdsvej 21 building A, 8200 Aarhus N, Denmark

Monday March 28, 2022: circulating tumor DNA

- 09.00 Welcome
Breakfast and participant presentations
- 10.00 The biology of circulating cell free- and tumor DNA
Sia Viborg Lindskrog
- 10.30 From sample to treatment – Clinical Applications
Claus Lindbjerg Andersen
- 10.45 From sample to treatment – Preclinical Factors
TBA
- 11.30 The principle of ctDNA detection – digital PCR
Tenna Vesterman Henriksen
- 12.30 Lunch
- 13.15 The principle of ctDNA detection – sequencing introduction
Amanda Frydendahl Boll Johansen
- 14.00 Ultra deep targeted sequencing approaches
Emil Heilskov Rasmussen and Mads Christensen
- 14.45 Break
- 15.15 Whole genome sequencing approaches
Lars Dyrskjødt Andersen and Claus Lindbjerg Andersen
- 16.00 Lessons about tumor biology that can be derived from ctDNA at diagnoses, during treatment and surveillance
Nicolai Juul Birkbak
- 16.45 Studies exploring clinical utility of ctDNA
Karin Birkenkamp Demtröder
Karen-Lise Garm Spindler
Claus Lindbjerg Andersen/Kåre Gotschalck
- 17.30 Tour of the ctDNA laboratories

Tuesday March 29, 2022: Circulating Tumor Cells

- 09.00 Breakfast
- 10.00 Introduction of Liquid Biopsy with focus on CTC
- 11.00 Technologies for CTC detection & characterization
Nikolas Stoecklein
- 12.00 Lunch
- 13.00 Demonstration by technology providers:
Menarini
ANGLE
- 14.30 Biology of CTCs
Catherine Alix-Panabières
- 15.30 Break
- 16.00 Clinical applications of CTCs
Klaus Pantel
- 17.00 Conclusions and Perspectives: CTCs vs. other LB markers
Panel discussion including teachers and students
- 19.00 Dinner

Wednesday March 30, 2022: Presentations and conclusions

- 9.00 Breakfast and Discussions/questions
- 10.30 Paper presentations
Group discussions – six groups present papers: 3-5 slides – 15min
- 12.00 Closing remarks and certificates
- Lunch