

Workshop on Cancer Genomics and Neoepitope Identification

20th of June 2017 13.00– 16.00

DTU Lyngby Campus
Building 210, room 042

DTU Vet and DTU Bioinformatics are organizing a workshop on cancer genomics and neoepitope identification June 20th.

Personalized immunotherapy holds great promise for the development of novel cancer therapeutics. However, neoantigen/neoepitope discovery and validation remains a daunting problem. Bringing together local experts, we will illustrate the challenges involved in defining personalized immunotherapies, and outline different views of how to move the field forward

Program

13.00 – 13.10 Welcome. Why all the fuss about neoepitopes,

13.10 - 13.45 State of the art *in-silico* methods for cancer neoepitope identification, Morten Nielsen, Professor DTU Bioinformatics

13.45 - 14.20 Identification of effective T cell targets among mutations in cancer Johanna Olweus, Professor, Institute of Clinical Medicine, University of Oslo

14.20 - 14.55 Integrating cancer genomics with immunophenotyping, Sine Reker Hadrup, Associate Professor, DTU Vet

14.55 - 15.10 MuPeXI; prediction of neo-epitopes from tumor sequencing data. Aron Eklund, Associate professor, DTU Bioinformatics.

15.10 – 15.30 Understanding cancer mysteries by immunological analysis: Is the immune system another "gate keeper"? Zoltan Szallasi, Professor, DTU Bioinformatics

15.30 - 15.45 Concluding remarks and discussions

Organisers:

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Everybody is welcome. Registration is not necessary.