

seminar

Analysis of immune checkpoints with IHC: the importance of validation in the right application and the establishment of multiplexed IHC assays

PROGRAM:

- 9.00 - 9.45: Analysis of immune checkpoints with IHC: the importance of validation in the right application and the establishment of multiplexed IHC assays (part I)
- 9.45 - 10.15: Coffee, fruits and cake
- 10.15 - 11.00: Analysis of immune checkpoints with IHC: the importance of validation in the right application and the establishment of multiplexed IHC assays (part II)

ABSTRACT:

With an increasing number of biomarkers, and often limited availability of biopsy material, there is a growing need for multiplexed assays for both research and clinical purposes. IHC based solutions are particularly attractive in the field of immuno-oncology, as maintaining spacial context within the tumor microenvironment provides meaningful, and potentially actionable, information. Immuno-assays with high specificity and sensitivity are a powerful tool; however, there are challenges associated with antibody based multiplexing when more markers are required to bind on the same sample. A multiplex IHC solution that bypasses antibody species/isotype concerns, while providing signal amplification, has been used to examine the co-expression of immune checkpoint control proteins.

In the first part of this talk, we will discuss the importance of validation and protocol optimization for IHC, focusing on different targets of immune-oncology.

In the second part of this presentation, we will discuss the establishment of multiplex IHC protocols to detect key immune-oncology targets on tissue samples and we'll present data of immune checkpoint receptor and ligand expression and co-expression in various tumor types.

Date: May 31st, 2018
Time: 9.00 - 11.00
Venue: BioNordika office, Gladengveien 3B, 4 etg.

Parking might be difficult. We recommend traveling with public transportation. The closest subway station is Ensjø, only a 5 minute walk from our office.

REGISTRATION:

Please e-mail your contact details to: malfrid@bionordika.no
Registration no later than May 24th.

NB! Please note that it is a limited number of places.
The seminar is free of charge. Coffe break is included.

