

<b>PROGRAM</b>			
<b>Wednesday, September 29<sup>nd</sup></b>			
09:15 – 10:00		<i>Arrival and registration, coffee</i>	
10:00 – 10:15	<b>15</b>	Welcome – Introduction	SN
10:15 – 11:00	<b>45</b>	IHC principles: The technical test approach – pre-analytical phase	SN
11:15 – 12:00	<b>45</b>	IHC principles: The technical test approach - analytical phase I	MB
12:00 – 12:15	<b>15</b>	Discussion and summary of lectures	
12:15 – 13:15	<b>60</b>	<i>Lunch</i>	
13:15 – 14:00	<b>45</b>	IHC principles: The technical test approach - analytical phase II	MB
14:15 – 14:30	<b>15</b>	Discussion and summary of lectures	
14:30 – 15:15	<b>45</b>	IHC principles: The technical test approach – Tissue tool box for controls	SN
15:15 – 15:35	<b>20</b>	<i>Coffee</i>	
15:35 – 16:20	<b>45</b>	Validation and verification process for IHC – what, how and why? (pre-recorded / virtual)	DVH
16:20 – 16:30	<b>15</b>	Discussion and summary of lecture	
16:30 – 18:00		<i>Social arrangement (optional)</i>	
<b>Thursday, September 30<sup>th</sup></b>			
08:30 – 09:15	<b>45</b>	The unknown primary tumour: IHC for diagnostic use	RR
09:25 – 09:50	<b>25</b>	NordiQC data: Antibody selection, protocols and controls	TJ
09:50 – 10:10	<b>20</b>	<i>Coffee</i>	
10:10 – 10:55	<b>45</b>	Lung cancer: IHC for diagnostic use	HH
11:05 – 11:30	<b>25</b>	NordiQC data: Antibody selection, protocols and controls	HLK
11:30 – 11:45	<b>15</b>	Discussion and summary of lectures	
11:45 – 12:30	<b>45</b>	Breast cancer: IHC for diagnostic use	AVL
12:30 – 13:30	<b>60</b>	<i>Lunch</i>	
13:30 – 13:55	<b>25</b>	NordiQC data: Antibody selection, protocols and controls	HLK
14:10 – 14:55	<b>45</b>	Hematolymphoid neoplasms IHC for diagnostic use	SH
14:55 – 15:10	<b>20</b>	<i>Coffee</i>	
15:10 – 15:35	<b>25</b>	NordiQC data: Antibody selection, protocols and controls	TJ
15:40 – 16:05	<b>25</b>	“The antibody graveyard”; Goodbye and Hello markers	SN
16:10 – 16:30	<b>20</b>	Discussion and summary of lectures	
18:00 –		<i>Workshop dinner – <a href="#">Mortens Kro</a></i>	
<b>Friday, October 1<sup>th</sup></b>			
08:30 – 09:15	<b>45</b>	IHC double stains – overview, considerations and applications	MB
09:20 – 10:00	<b>30</b>	Immunocytochemistry – overview, considerations and applications	SN
10:00 – 10:20	<b>20</b>	<i>Coffee</i>	
10:20 – 10:45	<b>25</b>	IHC stainers – overview, pros and cons	SN
10:50 – 11:35	<b>45</b>	In Situ Hybridization – novel techniques	MB
11:45 – 12:30	<b>45</b>	IHC in the time of molecular era – Predictive, diagnostic and prognostic markers	HH
12:30 – 12:45	<b>15</b>	Discussion and evaluation	
12:45 –		<i>Lunch (on-site or to-go), departure</i>	

**Aim of course:** To give an update on basic and advanced immunohistochemical (IHC) methods applied in diagnostic pathology, particularly for the classification of the unknown primary tumour as well as breast, lung and hematolymphoid tumours. The workshop will particularly focus on

- the impact of external quality assessment
- understanding the technical test approach for IHC
- planning and diagnostic use of antibody panels
- optimization of staining protocols
- use of tissue controls
- identification and handling of technical and diagnostic pitfalls
- requirements for validation and verification of IHC
- multiplexing
- immunocytochemistry

**Teachers:** Søren Nielsen (SN), Dr. Rasmus Røge, Michael Bzorek (MB), Dr. Anne-Vibeke Lænkholm (AVL), Dr. Henrik Hager, Prof. Steve Hamilton (SH), Donald van Hecke (DVH), Heidi Lykke Kristoffersen (HLK) and Tanya Julio (TJ)

**Methods:** The workshop will consist of lectures and interactive sessions.

**Participants:** The target group comprises biomedical technicians and scientists or equivalent with some experience in immunohistochemistry, and residents and consultants in clinical and surgical pathology with special interest in the technical parts of immunohistochemistry.

Maximum number of participants: 60

**Venue:** Musiksalen, Aalborg Congress and Culture Centre (AKKC), Europa Plads 4, 9000 Aalborg. See [map](#)

**Accommodation:** Individual booking. There are several hotels in walking distance of the workshop venue:

[Scandic Aalborg City](#)

[Comwell Hvide Hus Aalborg](#)

[Hotel Gestus](#)

[Phønix Hotel Aalborg](#)

**Travel:** Aalborg can be reached by car, train and plane. The workshop venue is within walking distance from the railway station (~5 min.). From the airport, the venue can be reached by taxi in about 15 min. For train timetable, see [www.dsb.dk](http://www.dsb.dk). For flight timetables, see [www.sas.dk](http://www.sas.dk), [www.norwegian.dk](http://www.norwegian.dk) and [www.klm.com](http://www.klm.com).

**Weather:** See <http://www.dmi.dk/en/vejr/til-lands/regionaludsigten/nordjylland/>

**Language:** English.

**Fee:** DKK 5,500.00 (€ 737). The fee includes all meals indicated in the program. Travel and accommodation is not included. Cancellation policy will apply as follows:

Before June 30<sup>th</sup> 2021: Full refund less administrative costs of DKK 300.

July 1<sup>st</sup> 2021 and later: No refunds can be made. However, the place can be handed over to a colleague from your laboratory without additional costs. Please specify the name of the participant.

**Number of course hours:** 16