



**Workshop in Diagnostic Immunohistochemistry**  
**Aalborg Hospital, 22<sup>nd</sup> - 24<sup>th</sup> September 2010**

**Aim:** To give an update on immunohistochemical markers and methods used in diagnostic pathology for the unknown primary tumour, solid tumours in various organs, and malignant lymphomas. The workshop will particularly focus on

- optimization of staining protocols (also for pathologists!)
- identification of critical stain quality indicators
- planning of immunohistochemical panels,
- identification and handling of biological and technical pitfalls, and
- interpretation of stains in relation to tumour growth patterns (also for technicians!).

**Methods:** The workshop will consist of lectures and interactive sessions, the latter based on analyses of relevant NordiQC assessments and multitissue slides stained in the participants' laboratories.

**Teachers:** Dr. Mogens Vyberg (MV), Dr. Jan Klos (JK) and histotechnologist Søren Nielsen (SN).

**Participants:** The target group comprises residents and consultants in clinical and surgical pathology as well as biomedical technicians or equivalent with some experience in immunohistochemistry.

Maximum number of participants: 40.

**Venue:** Auditoriet, Forskningens Hus, Aalborg Sygehus Syd, Sdr. Skovvej 15. See map on [www.forskningenshus.dk/vejviser.php](http://www.forskningenshus.dk/vejviser.php).

**Accommodation:** Individual booking. There are many hotels in the centre of town, in walking distance to the workshop venue.

Hotel list: [www.aalborg-portalen.dk/guide/hoteller-aalborg.html](http://www.aalborg-portalen.dk/guide/hoteller-aalborg.html)

Cheapest hotel: [www.prinsen-hotel.dk/engelsk/booking\\_kontakt/booking\\_kontakt.php](http://www.prinsen-hotel.dk/engelsk/booking_kontakt/booking_kontakt.php)

**Travel:** Aalborg can be reached by car, train and plane. The workshop venue is within walking distance from the railway station. From the airport, the venue can be reached by taxi in about 15 minutes. 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.cimber.dk](http://www.cimber.dk).

**Home work:** Unstained slides of multitissue blocks constructed for the workshop will be circulated approximately three months in advance to be stained in the attendants' laboratories for specified panels of markers. The staining results will be analysed and discussed during the workshop.

Also the participants are requested to send problematic stains for analysis and discussion at the workshop.

**Language:** English.

**Fee:** DKK 6,500.00 (€ 873). The fee includes study material and all meals indicated in the programme. Travel and accommodation is not included. Cancellation policy will apply as follows:

- Before 1<sup>st</sup> May, 2010: Full refund less administrative costs of DKK 300.
- 1<sup>st</sup> May – 31<sup>st</sup> July: Half of the fee (DKK 3,250) will be reimbursed.
- 1<sup>st</sup> – 26<sup>th</sup> August: No refunds can be made.

If prevented from attending, the seat can be handed over to a colleague without additional costs.

**Number of course hours:** 16



# Workshop in Diagnostic Immunohistochemistry Aalborg Hospital, 22<sup>nd</sup> - 24<sup>th</sup> September 2010

## Programme

<b>Wednesday 22<sup>nd</sup> September</b>			
10:30 – 11:00		Welcome, coffee	
11:00 – 11:30	<b>30</b>	Introduction: The challenge of immunohistochemistry	MV
11:35 – 12:20	<b>45</b>	Immunohistochemical principles: The total test approach I	SN
12:25 – 13:10	<b>45</b>	Immunohistochemical principles: The total test approach II	SN
13:10 – 14:10		Lunch	
14:10 – 14:55	<b>45</b>	Immunohistochemical classification of the unknown primary tumour: The primary panel	MV
15:00 – 15:30	<b>30</b>	Immunohistochemical classification of malignant lymphomas I	JK
15:30 – 16:00		Coffee	
16:00 – 16:30	<b>30</b>	Immunohistochemical classification of malignant lymphomas II	JK
16:35 – 17:05	<b>30</b>	Participants' staining results (WMB 1)	SN
17:20 – 18:00		<i>Optional:</i> Guided tour at Inst. of Pathology, Aalborg Hospital	
<b>Thursday 23<sup>rd</sup> September</b>			
09:00 – 09:45	<b>45</b>	Cytokeratins in tumour classification	MV
09:50 – 10:20	<b>30</b>	Immunohistochemical classification of intraepithelial v. invasive neoplasias	JK
10:20 – 10:50		Coffee	
10:50 – 11:35	<b>45</b>	Immunohistochemical classification of adenocarcinomas and look-alikes	MV
11:40 – 12:25	<b>45</b>	Immunohistochemical classification of endocrine tumours and look-alikes	MV
12:30 – 13:00	<b>30</b>	Participants' staining results (WMB 2)	SN
13:00 - 14:00		Lunch	
14:00 – 14:45	<b>45</b>	Immunohistochemical classification of spindle and clear cell tumours	JK
14:50 – 14:35	<b>45</b>	Immunohistochemical classification of epithelioid, pleomorphic and small cell tumours	MV
14:35 – 15:05		Coffee	
15:05 - 15:35	<b>30</b>	Participants' staining results (WMB 3)	SN
15:40 - 16:20	<b>30</b>	Immunohistochemistry and therapeutic markers	MV
19:00 -		Workshop Dinner in Town	
<b>Friday 24<sup>th</sup> September</b>			
09:00 – 09:30	<b>30</b>	Controls and critical stain quality indicators for haematolymphoid markers	SN
09:35 – 10:05	<b>30</b>	Immunohistochemical classification of germ cell tumours	JK
10:10 – 10:40	<b>30</b>	Immunohistochemically problematic cases – participants' contributions	MV
10:40 – 11:00		Coffee	
11:00 – 11:30	<b>30</b>	Quantitation in immunohistochemistry	JK
11:35 – 12:05	<b>30</b>	Controls and critical stain quality indicators for solid tumour markers	SN
12:10 – 12:55	<b>45</b>	Immunohistochemical pitfalls and odd cases	JK
13:00 – 13:15		Evaluation and conclusion	SN
13:15 – 14:00		Lunch and departure	

WMB: Workshop Multitissue Block