

# IHC Academy 2025 – COURSE PROGRAMME

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**9<sup>th</sup> April 2025 (Wednesday)**

**9.00 – 17.00**

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**09.00 – 10.00 Registration and coffee**

**10.00 – 10.15 Janusz Ryś** – Introduction

**10.15 – 11.00 Søren Nielsen** – Immunohistochemical technology in preanalytical and analytical phase

**11.00 – 11.45 Jan Klos** – IHC – Interpretation pitfalls – old problems and new aspects

**11.45 – 12.30 Andrew M. Bellizzi** – Immunohistochemical approach to unknown primary tumor

**12.30 – 13.30 Lunch**

## **Sesion 2: "Molecular Diagnostics in Clinical Practice: Bridging Science and Personalized Cancer Care"**

**13.30 – 14.15 Hans-Ulrich Schildhaus** – New predictive immunohistochemical and molecular markers for solid tumors

**14.15 – 15.00 Hans Gelderblom** – Study Design with Molecular Prescreening and Targeted Therapies in Oncology

**15.00 – 15.30 Coffee**

**15.30 – 16.15 Susana Aguilar** – Organizing and Optimizing Molecular Tumour Boards for Precision Oncology

**16.15 – 17.00 Kjetil Taskén** – The National Norwegian Model: Best Practices in Innovative Molecular Diagnostics and Tailored Therapies

**17.00 – 17.30 Discussion**

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**10<sup>th</sup> April 2025 (Thursday)**

**8.30 – 17.00**

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## **Sesion 3: 8.30 – 10.45 Gynaecological session**

**08.30 – 09.15 Anais Malpica** – Ovarian Neoplasms: Immunohistochemical Studies and Molecular Testing, What and Why?

**09.15 – 10.00 Ben Davidson** – Morphological and molecular characteristics of endometrial carcinoma

**10.00 – 10.45 Pavel Dundr** – Diagnostic approach to smooth muscle uterine tumors.

**10.45 – 11.15 Coffee**

## **Sesion 4: 11.15 – 12.45 Lymphoproliferative disease**

**11.15 – 12.00 Anna Porwit** – Immunohistochemical and molecular approaches to diagnostics of B-cell lymphomas

**12.00 – 12.45 Anna Porwit** – Immunohistochemical and molecular approaches to diagnostics of T-cell lymphomas

**12.45 – 13.30 Lunch**

#### Sesion 4: 13.30 – 10.45 Dermatopathology session

- 13.30 – 14.15 Thomas Mentzel** – Update on cutaneous sarcomas (the role of immunohistochemistry in differential diagnostics )
- 14.15 – 15.00 Thomas Mentzel** – Immunohistochemistry in melanocytic neoplasms
- 15.00 – 16.15 Monika Prochorec-Sobieszek** – Lymphoproliferative lesions of the skin – immunohistochemical and molecular approach
- 16.15 – 16.45 Coffee**
- 16.45 – 18.00 Consultation corner (10-12 cases) (A. Malpica, B. Davidson, T. Mentzel, A. Porwit, M. Miettinen)**

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**11<sup>th</sup> April 2025 (Friday)**

**8.30 – 17.00**

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#### Sesion 5: 8.30 – 10.30 Gastrointestinal session

- 08.30 – 09.15 Andrzej Mróz** – Gastric cancer – everyday practice and future perspectives in diagnostic pathology
- 09.15 – 10.00 Iris Nagtegaal** – The central role of mismatch repair proteins in colorectal cancer pathology
- 10.00 – 10.30 Regine Schneider-Stock** – Colorectal cancer – dissolving heterogeneity between tumor center and invasion front using the CAM model
- 10.30 – 11.00 Coffee**

#### Sesion 6: 11.00 – 13.00 Molecular and soft tissue session

- 11.00 – 11.30 Beata Grygalewicz** – FISH studies for the detection of malignant lymphoma-associated chromosomal changes in fresh material and paraffin-embedded tissue
- 11.30 – 12.15 Jerzy Lasota** – The spectrum of EWSR1-fusion tumors: Ewing sarcoma and beyond
- 12.15 – 13.00 Markku Miettinen** – DNA Methylation Classifier in Sarcoma Diagnosis – Current status and prospects
- 13.00 – 13.45 Lunch**

#### Sesion 7: 13.45 – 15.00 Digital pathology and AI in Clinical Practice and Research

- 13.45 – 14.14 Konstanty Korski** – Current and future applications of artificial intelligence in pathology
- 14.15 – 15.00 Anna Laury** – Artificial Intelligence-base image analysis and prognosis of high-grade serous carcinoma
- 15.00 Summary and closing remarks**