**IHC Academy 2025 - COURSE PROGRAME**

**9th April 2025 (Wednesday) 9.00 – 17.00**

**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"

**19.30- 22.00 Course Dinner**

**10th April 2025 (Thursday) 8.30 – 17.00**

**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)**

**19.30- 22.00 Faculty Dinner**

**11th April 2025 (Friday) 8.30 – 15.00**

**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- 13.45.00 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**