

Molecular Pathology of Solid Tumors: Cancer Profiling for Targeted Treatment Prediction

September 24-25, 2012
Rudbeck Laboratory
Uppsala University Hospital



A conference organized by the
Swedish Molecular Pathology Network and
Swedish Cancer Society Planning Group for Molecular Pathology

A wide range of topics related to molecular diagnostics of solid tumors will be discussed; molecular cancer profiling, technical platforms, predictive biomarkers, targeted therapy and clinical studies. The program includes several leading international speakers.

More information and program at <http://svfp.se/node/267>

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Swedish Society of Pathology
Swedish Division of International Academy of Pathology
Affiliated to Union Européenne des Médecins Spécialistes

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Tumor classification is based on histopathologic analysis supplemented with immunohistochemistry. The understanding of the molecular basis of cancer has increased dramatically during the last decade and new therapies that target driver mutations in the neoplastic cells have been developed. New molecular tumor subsets and biomarkers for treatment response are continuously discovered by molecular profiling of tumor tissues in patients enrolled in clinical studies.

This conference has a wide scientific focus on solid tumors – basic molecular cancer profiling, clinical molecular diagnostics, new technical platforms, predictive biomarkers and clinical studies. The program (see below) includes several leading international speakers.

Organizers: The Swedish planning group for molecular pathology/Swedish Molecular Pathology Network (SMP).

Sponsors: Cancerfonden/Swedish Cancer Society, Association for Molecular Pathology (AMP), Swedish Society of Pathology, Uppsala University, Uppsala University Hospital.

Registration: No conference fee. Please register by e-mail by sending name, title and affiliation to simin.tahmasebpoor@akademiska.se and johan.botling@akademiska.se. The Rudbeck lecture hall accommodates 100 people and delegates will be accepted on a first-come, first-served basis. A confirmation letter will be returned with practical information.

Venue: Rudbeck lecture hall, Rudbeck laboratory, Uppsala University Hospital Campus, Sweden. Maps and details in the confirmation letter

Hotels and travel: Delegates are asked to arrange travel and housing. Uppsala is situated 30 km/ ½ hour from Stockholm/Arlanda airport. A list of hotels in central Uppsala will be provided in the confirmation letter.

A warm welcome to Uppsala in September,

Johan Botling, Patrick Micke, Magnus Sundström and Simin Tahmasebpoor

Local meeting committee, Department of Immunology, Genetics and Pathology, Uppsala University / Department of Clinical Pathology and Cytology, Uppsala University Hospital

Updated information and program at: <http://svfp.se/node/267>

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Updated program with confirmed speakers



Monday, September 24

9.00 – 10.00 **Registration and coffee**

10.00 **Welcome and housekeeping issues**

10.10 **Molecular Pathological Epidemiology (MPE): Novel Integrative Pathology Science**

Shuji Ogino (Harvard, Boston, U.S.A, lecture sponsored by the Association for Molecular Pathology)

11.10 **The role of inflammation in colon cancer**

Richard Palmqvist (Umeå, Sweden)

11.40 **Podocalyxin-like protein as a prognostic marker in colorectal cancer: Functional studies and clinical implication**

Karin Jirström (Lund, Sweden)

12.10 LUNCH

13.00 **Evaluation of prognostic molecular markers in patients with stage II to IV colon cancer**

Magnus Sundström (Uppsala, Sweden)

13.30 **Ultra deep and in situ sequencing for somatic mutation detection in cancer tissue, addressing tumor heterogeneity**

Mats Nilsson (Uppsala, Sweden)

14.00 **Next generation sequencing on FFPE preparations, experiences from lung carcinoma**

Sakari Knuutila (Helsinki, Finland)

14.45 COFFEE

15.15 **Danish perspective**

Niels Pallisgaard (Vejle, Denmark)

16.00 **Cancer next generation sequencing: Clinical implementation in CLIA/CAP facility**

Shashikant Kulkarni (Washington Univ School of Medicine, St. Louis, U.S.A, lecture sponsored by the Association for molecular pathology)

16.45 **Molecular pathology – a necessity for correct sarcoma diagnostics**

Fredrik Enlund and Magnus Hansson (Göteborg, Sweden)

17.15- **Molecular diagnostics in brain tumors**

17.45 *Martin Hallbeck (Linköping, Sweden)*

18.00 DINNER and PUB

Tuesday, September 25

- 9.00 **Targeted treatment and molecular biomarkers in lung cancer**
Ming-Sound Tsao (Ontario Cancer Institute, Toronto, Canada)
- 10.00 **Molecular profiling of non-small cell lung cancer – lessons from the Uppsala cohort**
Patrick Micke and Johan Botling (Uppsala, Sweden)
- 10.40 COFFEE
- 11.00 **Molecular therapeutic targets in melanoma**
Johan Hansson (Karolinska Institutet, Stockholm, Sweden)
- 11.45 **Challenges and opportunities in the development of personalised medicine: Perspective from a Pharma company**
Sofia Risberg (Pfizer, Sweden)
- 12.15 LUNCH
- 13.00 **Biopsy diagnosis of endometrial stromal tumors: Molecular detection of the JAZF1-JJAZ1 fusion transcript increases diagnostic accuracy**
Joseph Carlson (Karolinska Institutet, Stockholm, Sweden)
- 13.30 **How can we prove that we do our job? Quality assurance in predictive molecular pathology**
Anders Edsjö (Göteborg, Sweden)
- 14.00 **“Future challenges for molecular cancer diagnostics”**
Panel discussion, Invited speakers, All
- 15.00 END

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