

International Conference
“CLINICAL GENETICS OF CANCER 2014”

Szczecin, 25-26 September 2014

(Center for New Medical Technologies, Unii Lubelskiej 1, Szczecin)

Thursday (25 September 2014)

9:00- 9:15 **Conference opening**

Micronutrients

9:15 10:15 Micronutrient Supplementation for Cancer Prevention. (A. Kristal, USA)

10:15-10:40 **Coffee break**

10:40-10:50 Microelements and pancreatic cancer risk. (M. Lener, Poland)

10:50-11:00 Selenium as diagnostic marker of cancers. (K. Jaworska-Bieniek, Poland)

11:00-11:10 Zinc as diagnostic marker of cancers. (K. Kaczmarek, Poland)

11:10-11:20 Iron as diagnostic marker of cancers. (G. Sukiennicki, Poland)

11:20-11:30 Magnesium as diagnostic marker of cancers. (W. Marciniak, Poland)

11:30-11:40 Copper as diagnostic marker of cancers. (M. Muszyńska, Poland)

11:40- 12:00 Summarization. (W. Wąsowicz, J. Lubiński, Poland)

12:00-13:20 **Lunch**

Prevention and treatment of breast/ovarian cancer

13:20-13:30 Effectiveness of participation in prophylactic programmes at the level of first contact outpatient clinic. (T. Włodarczyk, Poland)

13:30-13:40 Timing of oral contraceptive use and the risk of breast cancer in BRCA1 mutation carriers. (J. Gronwald, Poland)

13:40-13:50 Impact of oophorectomy on cancer incidence and mortality In women with a BRCA1 or BRCA2 mutation. (J. Gronwald, Poland)

13:50-14:20 Choice of drugs for the treatment of hereditary cancers: an update from Russia. (E. Imyanitov, Russia)

14:20-14:40 Effectiveness of cis-platinum in preoperative treatment of advanced breast cancers in BRCA1 carriers. (T. Byrski, Poland)

- 14:40-14:55 Clinical implications of CHEK2 mutation occurrence in breast cancer patient-case report. (E. Kilar, Poland)
- 14:55-15:05 Copper transport system and response to ovarian cancer chemotherapy. (K. Tęcza, Poland)
- 15:05-15:15 Pharmacogenetics of FAC chemotherapy side effects in breast cancer patients. (K. Tęcza, Poland)
- 15:15-15:35 Mastectomy versus breast conserving surgery in BRCA1 positive breast cancer. Literature review. (A. Irmejs, Latvia)
- 15:35-15:50 Coffee break**
- 15:50-16:10 Ten-year survival In patients with BRCA1 or CHEK2 or NBS1- positive breast cancer. (T. Huzarski, Poland)
- 16:10-16:30 Comparison of 5-year survival in hereditary breast cancer and in unselected breast cancer patients with BRCA1 founder mutation. (P. Elsakov, Lithuania)
- 16:30-16:50 BRCA1/2 mutation status as independent factor of improved survival for advanced stage (III-IV) ovarian cancer. (R. Janavicius, Lithuania)
- 16:50-17:10 Programme of Ministry of Health-Part 4 Early detection of prostate cancer in families with hereditary predisposition to this tumour. (C. Cybulski, Poland)
- 17:10-18:15 Meeting of Section of Clinical Genetics of Cancer of Polish Society of Human Genetics.
- 18:30 Dinner**

Friday (26 September 2014)

Hereditary colorectal cancer

- 8:00-8:15 Surgery In HNPCC. (J. Kładny, Poland)
- 8:15-8:30 Profilactic adnexetomy in patients with HNPCC. (T. Dębniak, Poland)
- 8:30-8:45 Presentation by honorary guest-the first Polish patient cured because of colorectal cancer in Lynch syndrome.
- 8:45-9:00 Summarization of results of molecular diagnostics in Lynch syndrome in Poland. (D. Dymerska, Poland)
- 9:00-9:20 Summarization of results of molecular diagnostics of colorectal polyposis in Poland. (A. Pławski, Poland)
- 9:20-9:30 Cumulative effects of genetic markers and the defection of advanced colorectal neoplasias by population screening. (P. Serrano-Fernandez, Poland)
- 9:30-9:50 Coffee break**

Molecular diagnostics

- 9:50-10:15 Use of targeted next generation sequencing in familial cancer diagnostics. (R. Sijmons, Netherlands) -
- 10:15-10:35 Clinical implications of panel based next generation sequencing of hereditary breast/ovarian cancer. (R. Janavicius, Lithuania)
- 10:35-10:55 Sequencing in diagnostics of high genetic risk of breast cancer. (C. Cybulski, Poland)
- 10:55-11:15 The curious case of a woman with two BRCA1 mutations in trans. (R. Scott, Australia)
- 11:15-11:25 Analysis of large mutations in BARD1 in patients with breast and/of ovarian cancer. (K. Klonowska, Poland)
- 11:25-11:45 Comparative-high resolution melting: a novel method of simultaneous screening for small mutations and copy number variations. (A. Pławski, Poland)
- 11:45-12:10 Coffee break**
- 12:10-12:20 RET gene mutations spectrum in patients with medullary thyroid carcinoma (MTC) from Great Poland region. (M. Kaczmarek-Ryś, Poland)
- 12:20-12:30 Expression profiles of the selected genes in tumor and surgical margin in oral cavity cancer. (J. Strzelczyk, Poland)
- 12:30-12:40 The role of selected exo-and endogenic agents on preinitiation process of bladder cancer. (A. Iwaniuk, Poland)
- 12:40-12:50 Concomitance of oncogenic HPV types, CHEK2 gene mutations, and CYP1B1 gene polymorphism as an increased risk factor for malignancy. (E. Borkowska, Poland)

12:50-13:00	Assessment of the usefulness of the EORTC risk tables in non-muscle-invasive bladder cancer. (E. Borkowska, Poland)
13:00-13:10	Prevalence of the E318K and V320I MITF germline mutations in Polish cancer patients and multi-organ cancer risk--a population-based study. (T. Gromowski, Poland)
13:10-13:15	Conference closing
13:15	Lunch

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