



# SCIENTIFIC PROGRAMME

"ONCOLOGY IN THE BIOMARKER ERA: Biology - Diagnostics - Therapy"

October 3-7, 2015, Belvedere Congress Centre, Zakopane, POLAND



# KEYNOTE LECTURES

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SATURDAY, 3 OCTOBER 2015 18.30-19.30

Opening Lecture

In the Beginning...

**Phil Gold, MD, PhD**

Professor, Clinical Research Centre, McGill University Health Centre, Montreal, Canada

SUNDAY, 4 OCTOBER 2015 17.00-18.00

Honorary Lecture

The Ubiquitin Proteolytic System - From Basic Mechanisms thru Human Diseases  
and on to Drug Development

**Aaron Ciechanover, MD, DSc**

Distinguished Research Professor, Cancer and Vascular Biology Research Center,  
Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel

MONDAY, 5 OCTOBER 2015 12.30-13.30

The ISOBM Abbott 2015 Award Lecture

Early Detection of Ovarian Cancer in High Risk Women with Pelvic Mass

**Herbert A. Fritsche, PhD**

Professor (Retired), MD Anderson Cancer Center, University of Texas, Houston TX, USA

TUESDAY, 6 OCTOBER 2015 11.00-12.00

New Biomarkers and Panels for the Early Detection of Cancer

**Herbert A. Fritsche, PhD**

Professor (Retired), MD Anderson Cancer Center, University of Texas, Houston TX, USA

WEDNESDAY, 7 OCTOBER 2015 11.00-12.00

Optimized Diagnosis of Prostate Cancer. Do You Agree?

**Ulf-Håkan Stenman, MD, PhD**

Professor Emeritus, Department of Clinical Chemistry, Helsinki University, Helsinki, Finland

## ROUND TABLE DISCUSSIONS

MONDAY, 5 OCTOBER 2015 10.30-11.30

Early Cancer Diagnosis

*Moderator:*

**Ian Cree** (University Hospitals Coventry and Warwickshire, Walsgrave, UK)

TUESDAY, 6 OCTOBER 2015 17.00-18.00

Classical and Molecular Biomarkers in the Management of Cancer Patients –  
Strategies, Controversies, Opportunities.

*Moderator:*

**Leendert Looijenga** (Erasmus University Medical Centre, Rotterdam, The Netherlands)

# SCIENTIFIC PROGRAMME



**Saturday Oct. 3**

14:00 - 18:00	<b>Registration</b>
14:30 - 17:30	<b>ISOBM BOARD</b>
18:00	Opening Ceremony
18:30 - 19:30	<b>Hall A - Phil Gold KEYNOTE LECTURE, On the 50th Anniversary of CEA Discovery "In the Beginning ....."</b>
19:30	Welcome Cocktail

"ONCOLOGY IN THE BIOMARKER ERA: Biology - Diagnostics - Therapy"

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# SCIENTIFIC PROGRAMME

## SESSION 1

### 08:30 - 10:45 **Classical Tumour Markers Present and Future**

Chairpersons:

**Vivian Barak** (Jerusalem, Israel)

**Michael J. Duffy** (Dublin, Ireland)

#### 08:30 **Rafael Molina** (Barcelona, Spain)

"Tumor Markers HE4 and CA 125 in the Follow-up of Patients with Ovarian Cancer"

#### 08:55 **Reiner Klapdor** (Hamburg, Germany)

"Biomarkers as Relevant Parameters for Prolongation of Overall Survival - Results on 438 Pancreatic Cancer (PaCa) Patients"

#### 09:20 **Ondrej Topolčan** (Plzen, Czech Republic)

"Tumor Markers for Early Diagnostics and Therapy Monitoring in Cancer"

#### 09:45 **Vivian Barak** (Jerusalem, Israel)

"Serum HER-2 as a Sensitive Tumor Marker in Breast Cancer Patients"

#### 10:00 **Hans Jørgen Nielsen** (Copenhagen, Denmark)

"Increased Cancer-Associated Protein Biomarker Levels at Bowel Endoscopy and Subsequent Risk of Extra-Colonic Primary Cancer"

#### 10:15 **Gerard Davis** (Abbott Park, IL, USA)

"Prototype Biomarker Panel Algorithm Performance for Aid in Early Colorectal Cancer Detection"

#### 10:30 **Benjamin Nisman** (Jerusalem, Israel)

"Dynamic Measurement of Serum Thymidine Kinase 1 (TK1) Activity as a Prognostic Marker in Following Radiofrequency Ablation of Metastases"

### 10:45 - 11:15 **HALL B – Industry-Sponsored Coffee Break Satellite Lecture I**

Sunday Oct. 4 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 2

### 08:30 - 10:45 From Tumour Biology to Biomarker-Based Decisions

Chairpersons:

**Maciej Krzakowski** (Warsaw, Poland)

**Matt van de Rijn** (Stanford, CA, USA)

08:30 **Leendert Looijenga** (Rotterdam, The Netherlands)

"Human Germ Cell Tumors, from Biology to Clinic"

08:55 **Jan Barciszewski** (Poznań, Poland)

"New Nucleic Acid-Based Markers of Human Diseases"

09:20 **Ewa Grzybowska** (Warsaw, Poland)

"The Role of HAX-1 Protein in the Regulation of Cell Invasive Potential and Breast Cancer Metastasis"

09:45 **Sergiusz Nawrocki** (Katowice, Poland)

"Biomarkers in Radiation Therapy"

10:10 **Marta Sánchez-Carbayo** (Vitoria-Gasteiz, Spain)

"Uncovering the TWEAK/Fn14 Cytokine – Receptor Axis in Bladder Cancer"

10:25

**Tomasz Kolenda** (Poznań, Poland)

"Role of let-7d and miR-18a in the Biology of Head and Neck Cancers"

10:45 - 11:15

**Industry-Sponsored Coffee Break Satellite Lecture I**

Sunday Oct. 4 Hall B

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# SCIENTIFIC PROGRAMME

## SESSION 3

### 11:15 - 13:30 European Group for Tumour Markers (EGTM) Session

Chairpersons:

**Reiner Klapdor** (Hamburg, Germany)

**Rafael Molina** (Barcelona, Spain)

**11:15 Rafael Molina** (Barcelona, Spain)

"Are We Using Tumor Markers Correctly"

**11:40 Vivian Barak** (Jerusalem, Israel)

"Assessing Response to New Treatments and Prognosis in Melanoma Patients, Using the Biomarker S-100 $\beta$ "

**12:05 Michael Joe Duffy** (Dublin, Ireland)

"Biomarkers in Breast Cancer: What is New?"

**12:30 Ewa Wójcik** (Cracow, Poland)

"A New Prognostic Index Based on Laboratory Parameters in Advanced NSCLC Patients"

**12:45 Benjamin Nisman** (Jerusalem, Israel)

"Plasma Progastrin-Releasing Peptide (ProGRP) in Monitoring Chemotherapy in Small Cell Lung Cancer (SCLC) "

**13:00 Ib Jarle Christensen** (Copenhagen, Denmark)

"Early Detection of Colorectal Neoplasia: Combination of Eight Cancer-Associated Blood Based Protein Biomarkers "

**13:15 Ondrej Fiala** (Pilsen, Czech Republic)

"Predictive and Prognostic Role of Serum Tumor Markers in Patients with Metastatic Colorectal Cancer Treated with Bevacizumab "

**13:30 - 14:30**

**Industry-Sponsored Satellite Luncheon Session**

Sunday Oct. 4 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 4

### 11:15 - 10:30 **Big Data for Biomarker Development**

Chairpersons:

**Luca Quagliata** (Basel, Switzerland)

**Iwona Włodarska** (Loeven, Belgium)

**11:15 Maciej Wiznerowicz** (Poznań, Poland)

"Applying TCGA Data for Cancer Diagnostics and Pathway Analysis"

**11:40 Luca Quagliata** (Basel, Switzerland)

"NGS for Routine Diagnostics: What is the Real Benefit"

**12:05 Piotr Guzenda** (Warsaw, Poland)

"The Ideally Suited RNA-Seq method: Impact on the Data"

**12:30 Anna Wójcicka** (Warsaw, Poland)

"MiRNome-Based Diagnostics of Adrenocortical Tumors"

**12:45 Małgorzata Oczko-Wojciechowska** (Gliwice, Poland)

"Sample Preparation for Diagnostic Use by High-Throughput Methods"

**13:00 Torbjörn Ramquist** (Stockholm, Sweden)

"MicroRNA Expression in Tonsillar and Base of Tongue Cancer in Relation to HPV and Clinical Outcome"

**13:15 Ekarat Hitakomate** (Pathumthani, Thailand)

"Identification of Metastatic Biomarkers for Head and Neck Squamous Cell Carcinoma by Liquid Chromatography-Tandem Mass Spectrometry and Array-Based Comparative Genomic Hybridization"

**13:30 - 14:30 Hall A – Industry-Sponsored Satellite Luncheon Session**

**Sunday Oct. 4 Hall B**

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# SCIENTIFIC PROGRAMME

## SESSION 5

### 14:30 - 16:30 **Circulating Cancer Cells**

Chairpersons:

**Stefan Holdenrieder** (Bonn, Germany)

**Alicja Józkowicz** (Cracow, Poland)

**14:30 Denis Smirnov** (Spring House, PA, USA)

"Molecular Characterization of Circulating Tumor Cells:  
Opportunities and Challenges"

**14:55 Siegfried Hauch** (Langenhagen, Germany)

"Circulating Tumor Cells: the Seeds of Metastazation"

**15:20 Kinga Humińska** (Poznań, Poland)

"NGS and ddPCR as an Innovative Approach for Personalized Therapy  
in Cancer Diagnostics and Treatment"

**15:45 Monika Pizon** (Bayreuth, Germany)

"The Number of Tumorspheres Cultured from CETCs in Breast Cancer  
Patients is Directly Related to Stage of the Disease and Chemotherapy  
Treatment"

**16:05 Michał Szymczyk** (Warsaw, Poland)

"Minimal Residual Disease (MRD) Monitoring by Reverse Quantitative  
Polymerase Chain Reaction (RQ-PCR) with Patient's Allele Specific (ASO)  
Primers in Peripheral Blood and Bone Marrow in Mantle Cell Lymphoma (MCL)  
Patients"

**16:30 - 17:00 POSTERSESSION I – Hall C**  
**Coffee, Exhibition**

**17:00 - 18:00 HONORARY KEYNOTELECTURE**  
**Aaron Ciechanover**

"The Ubiquitin Proteolytic System – from Basic Mechanisms thru Human  
Diseases and on to Drug Development"

**19:00 A Taste of Zakopane Folklore Dinner**

Sunday Oct. 4 Hall A



# SCIENTIFIC PROGRAMME



## SESSION 6

### 14:30 - 16:30 Molecular Therapeutics and Predictive Biomarkers

Chairpersons:

**Leendert Looijenga** (Rotterdam, Holland)

**Piotr Rutkowski** (Warsaw, Poland)

**14:30 Matt van de Rijn** (Stanford, CA, USA)

"Novel Biomarkers and Therapeutic Targets in Sarcoma"

**14:55 Maciej Krzakowski** (Warsaw, Poland)

"Non-Small-Cell Lung Cancer – Current Status and Perspectives of Targeted Therapy"

**15:20 Piotr Rutkowski** (Warsaw, Poland)

"Developments in Targeted Therapy of Melanoma"

**15:45 Ahmad Jalili** (Vienna, Austria)

"Non-Melanoma Skin Cancers and Targeted Therapies; Dreams Come True"

**16:10 Samanta Salvi** (Meldola, Italy)

"Copy Number Variations of AR Gene in Serum Circulating Cell-Free DNA as Biomarker Predicting Outcome in Patients with Metastatic Castration - Resistant Prostate Cancer Treated with Enzalutamide"

**16:30 - 17:00 POSTERSESSION I – Hall C**  
**Coffee, Exhibition**

**17:00 - 18:00 Hall A – HONORAR KEYNOTE LECTURE**  
**Aaron Ciechanover**

"The Ubiquitin Proteolytic System – from Basic Mechanisms thru Human Diseases and on to Drug Development"

**19:00 A Taste of Zakopane Folklore Dinner**

**Sunday Oct. 4 Hall B**

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## SESSION 7

### 08:30 - 10:00 Immunotherapy and Immunological Markers for the Management of Cancer Patients

Chairpersons:

**Caroline Chapman** (Nottingham, UK)

**Andrzej Mackiewicz** (Poznań, Poland)

**08:30 Andrzej Mackiewicz** (Poznań, Poland)

"Immunotherapy and Immuno-Markers in Melanoma (MM)"

**08:55 Caroline Chapman** (Nottingham, UK)

"Autoantibodies as Immune Biomarkers in Cancer.  
Opportunities for Early Cancer Diagnosis?"

**09:20 Andrea Nicolini** (Pisa, Italy)

"Clinical and Laboratory Patterns During Immune Stimulation  
in Hormone Responsive Metastatic Breast Cancer"

**09:45 Marta Sánchez-Carbayo** (Vitoria-Gasteiz, Spain)

"Gene Profiling of BCG Response in Bladder Cancer"

**10:00-10:30 POSTERSESSION II – Hall C**  
**Coffee, Exhibition**

**10:30-11:30 Round Table Discussion: "Early Diagnosis"**  
**Moderator: Ian Cree** (Coventry, UK)

Monday Oct. 5 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 8

08:30 - 10:00 **Biobanking/Horizon 2020**

Chairpersons:

**Łukasz Kozera** (Wrocław, Poland)

**Thomas Muley** (Heidelberg, Germany)

08:30 **Judita Kinkorová** (Prague, Czech Republic)

"Biobank in Pilsen as a New Member of National Node BBMRI\_CZ"

08:55 **Łukasz Kozera** (Wrocław, Poland)

"Biobanking and Personalized Medicine"

09:20 **Ewa Szkiłdź** (Warsaw, Poland)

"Horizon 2020 Health"

09:45 **Urszula Wojciechowska** (Warsaw, Poland)

"ONKO.SYS, a Comprehensive IT Platform for Cancer Research"

10:00-10:30 **POSTER SESSION II – Hall C**

**Coffee, Exhibition**

10:30-11:30 **Hall A – Round Table Discussion: "Early Diagnosis"**

Moderator: **Ian Cree** (Coventry, UK)

Monday Oct. 5 Hall B

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# SCIENTIFIC PROGRAMME

## SESSION 9

### 11:30 - 12:30 Interdisciplinary Challenges

Chairpersons:

**Jan Barciszewski** (Poznań, Poland)

**Janusz Siedlecki** (Warsaw, Poland)

**11:30 Michael Giersig** (Berlin, Germany)

"The Use of Functional Nanocomponents for the Diagnosis and Therapy of Cancer"

**12:00 Grzegorz Basak** (Warsaw, Poland)

"Gut Microbiome in Hematooncology: Significance and Opportunities of Modulation"

### 12:30-13:30 The ISOBM Abbott Award Ceremony and Lecture

**Herbert A. Fritsche**

**Professor (Retired), MD Anderson Cancer Center, University of Texas**

**"Early Detection of Ovarian Cancer in High Risk Women with Pelvic Mass"**

### 13:45-20:30 Excursion to Wieliczka Salt Mine

Monday Oct. 5 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 10

### 11:30 - 12:30 **Hormones in the Aethiopathogenesis of Cancer**

Chairpersons:

**Andrea Nicolini** (Pisa, Italy)

**Ondrej Topolčan** (Plzen, Czech Republic)

11:30 **Ondrej Topolčan** (Plzen, Czech Republic)  
"Hormones Influencing Cancer Development"

11:50 **Šárka Svobodova** (Plzen, Czech Republic)  
"Metabolic Syndrome as a Risk Factor for Cancer Development"

12:10 **Radka Fuchsova** (Plzen, Czech Republic)  
"Vitamin D and Cancer Diseases"

### 12:30-13:30 **Hall A – The ISOBM Abbott Award Ceremony and Lecture**

**Herbert A. Fritsche**

**Professor (Retired), MD Anderson Cancer Center, University of Texas**

**"Early Detection of Ovarian Cancer in High Risk Women with Pelvic Mass"**

### 13:45-20:30 **Excursion to Wieliczka Salt Mine**

**Monday Oct. 5 Hall B**



# SCIENTIFIC PROGRAMME

## SESSION 11

### 08:15 - 10:30 **Molecularly-Driven Therapies**

Chairpersons:

**Michael Ostrowski** (Columbus, OH, USA)

**Jan Konrad Siwicki** (Warsaw, Poland)

**08:15 Michael J. Duffy** (Dublin, Ireland)

"Molecularly Targeted Therapy: The Future in Cancer Treatment?"

**08:40 Alicja Józkowicz** (Cracow, Poland)

"Stressful Way to Maturation - Role of Heme Oxygenase-1 in Rhabdomyosarcoma"

**09:05 Jolanta Tarasiuk** (Szczecin, Poland)

"Targeting NF- $\kappa$ B to Reduce the Metastatic Potential of Multidrug Resistant Tumour Cells."

**09:30 Ricardo Moro** (Richmond, Canada)

"Cancer Imaging and Therapy Using the Receptor for AFP (RECAF) as a Target"

**09:55 Aleksandra Gos** (Warsaw, Poland)

"Cell-Free DNA V600E Measurements During Vemurafenib Therapy of Metastatic Melanoma Patients"

**10:15 Luboš Holubec** (Pilsen, Czech Republic)

"New Strategy for Monitoring Targeted Therapy in Patients with Metastatic Colorectal Cancer"

**10:30 - 11:00 Hall B – Industry-Sponsored Coffee Break Satellite Lecture II**

**11:00 - 12:00 KEYNOTE LECTURE**

**Herbert Fritsche**

"New Biomarkers and Panels for the Early Detection of Cancer"

Tuesday Oct. 6 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 12

08:15 - 10:30 **Liquid Biopsy**

Chairpersons:

**Krystian Jażdżewski** (Warsaw, Poland)

**Marta Sánchez-Carbayo** (Vitoria-Gasteiz, Spain)

08:15 **Stefan Holdenrieder** (Bonn, Germany)

"Liquid Profiling of KRAS-Status on Circulating Plasma-DNA in Patients with Pancreatic Cancer"

08:40 **Iwona Włodarska** (Loeven, Belgium)

"Non-Invasive Detection of Genomic Imbalances in Hodgkin/Reed-Sternberg Cells in Early and Advanced Stage Hodgkin's Lymphoma by Sequencing of Circulating Cell-Free DNA"

09:05 **Marzena Lewandowska** (Bydgoszcz, Poland)

"Prostate Cancer Translational Research – from Cell Line to Plasma miRNAs Biomarkers"

09:30 **Yi Wang** (Chalk River, Canada)

"The Possible Role of Exosomes in Radiation-Induced Biomarker Development"

09:50 **Monika Pietrowska** (Gliwice, Poland)

"Mass Spectrometry of Extracellular Vesicles New Source of Biomarkers"

10:10 **Anna Walaszczyk** (Gliwice, Poland)

"Identification of Serum Proteins as Potentially Useful Biomarkers to Monitor the Risk of Metastasis of Breast Cancer Patients"

11:00 - 12:00 **Industry-Sponsored Coffee Break Satellite Lecture II**

03:30 - 11:00 **Hall A – KEYNOTE LECTURE**

**Herbert Fritsche**

"New Biomarkers and Panels for the Early Detection of Cancer"

Tuesday Oct. 6 Hall B

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## SESSION 13

12:00 - 13:30 **Epigenetic Profiling, Tumour-Derived Nucleic Acids**

Chairpersons:

**Claudine Kieda** (Orleans, France)

**Marzena Lewandowska** (Bydgoszcz, Poland)

**12:00 Józef Dulak** (Cracow, Poland)

"Janus Face of Molecular Pathways in Cancer: a Case of Nrf2 and Heme Oxygenase-1"

**12:25 Marta Sánchez-Carbayo** (Vitoria-Gasteiz, Spain)

"Prognostic Urinary Biomarkers in Bladder Cancer"

**12:50 Mateusz Bujko** (Warsaw, Poland)

"Aberrant DNA Methylation in Benign, Atypical and Anaplastic Meningiomas - Preliminary Results"

**13:10 Marta Sánchez-Carbayo** (Vitoria-Gasteiz, Spain)

"Myopodin Methylation Correlates to Tumor Progression and Predicts Antiangiogenic Response in Kidney Cancer"

**13:30-14:30 Lunch**

Tuesday Oct. 6 Hall A



# SCIENTIFIC PROGRAMME



## SESSION 14

### 12:00 - 13:30 Cancer Risk and Cancer Screening

Chairpersons:

**Ian Cree** (Coventry, United Kingdom)

**Maciej Wiznerowicz** (Poznań, Poland)

#### 12:00 **Johannes Bonfrer** (Amsterdam, Holland)

"The Immuno Faecal Occult Blood Test (FIT) in the Dutch Screening Programme for Colorectal Cancer"

#### 12:25 **Krystian Jażdżewski** (Warsaw, Poland)

"Genetic Risk Markers of the Overall Survival of Thyroid Cancer Patients"

#### 12:45 **Monika Jurkowska** (Warsaw, Poland)

"Primary and Secondary Findings in the Genomic Analysis as a Part of a Prophylactic and Therapy Process in Cancer"

#### 13:00 **Urszula Wojciechowska** (Warsaw, Poland)

"Changes in the Stage of Breast Cancer in Women after the Introduction of the Population Screening Program in Poland"

#### 13:15 **Ebru Esin Yoruker** (Istanbul, Turkey)

"Increased DNA Integrity of Free Serum DNA in Patients with Colorectal Cancer"

### 13:30-14:30 Lunch

Tuesday Oct. 6 Hall B



# SCIENTIFIC PROGRAMME

## SESSION 15

### 14:30 - 16:30 Cancer Stem Cells

**Józef Dulak** (Cracow, Poland)  
**Sherif Karam** (Al-Ain, UAE)  
**Ricardo Moro** (Richmond, Canada)

**14:30 Sherif Karam** (Al-Ain, UAE)  
"Role of Stem Cells in Gastric Cancer"

**14:55 Stewart Sell** (Albany, NY, USA)  
"Nanoparticle Directed Inhibition of Breast Cancer Stem Cells"

**15:20 James A. Radosevich** (Chicago, IL, USA)  
"Rethinking the Tumor Stem Cell Theory"

**15:45 Jan K. Siwicki** (Warsaw, Poland)  
"Plasticity of Cancer Stem Cell-Like Phenotype. Phenformin-Resistant Variants of Ovarian Cancer Cell Line IGROV1"

**16:00 Patrycja Czerwińska** (Poznań, Poland)  
"KAP1/TRIM28 Multi-Domain Protein Maintains Cancer Stem Cell Population in Breast Cancer"

**16:15 Anna M. Czarnecka** (Warsaw, Poland)  
"Gene Expression Signature of Cancer Stem Cells in Renal Cell Cancer"

**16:30 - 17:00 Hall B – Industry-Sponsored Coffee Break Satellite Lecture III**

**17:00 - 18:00 Hall B – Round Table Discussion**  
**"Classical and Molecular Biomarkers in the Management of Cancer Patients – Strategies, Controversies, Opportunities"**  
Moderator: **Leendert Looijenga** (Rotterdam, The Netherlands)

**18:00 - 19:00 Hall B – ISOBM General Assembly**

**20:00 - 01:00 Gala Dinner**

Tuesday Oct. 6 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 16

### 14:30 - 16:30 Molecular Tracing of Metastatic/Residual Disease

Chairpersons:

**Johannes Bonfrer** (Amsterdam, The Netherlands)

**Petra Stieber** (München, Germany)

**14:30 Ian Cree** (Coventry, United Kingdom)

"The Challenge of Early Cancer Detection"

**14:55 Sebastian Giebel** (Gliwice, Poland)

"Monitoring of Minimal Residual Disease in Acute Lymphoblastic Leukemia. Prognostic Relevance and Impact on Treatment Decisions"

**15:20 Magdalena Kowalewska** (Warsaw, Poland)

"Estimation of Recurrence Risk in Patients with Squamous Cell Vulvar Carcinoma by the Assessment of Marker Gene Expression"

**15:45 Staffan Eriksson** (Uppsala, Sweden)

"The TK 210 ELISA Can Measure Increased TK1 Protein Levels in Sera from Prostate Cancer Patients with Different Gleason Scores"

**16:00 Marcin Nicoś** (Lublin, Poland)

"Analysis of Driver Mutations Incidence in Central Nervous System Metastatic Lesions of Non-Small-Cell Lung Cancer"

**16:15 Paola Ferrari** (Pisa, Italy)

"An Individual Reference Limit for 'Early' Diagnosis of Metastatic Breast Cancer During Post-Operative Follow-up"

**16:30 - 17:00 Industry-Sponsored Coffee Break Satellite Lecture III**

**17:00 - 18:00 Round Table Discussion**

**"Classical and Molecular Biomarkers in the Management of Cancer Patients - Strategies, Controversies, Opportunities"**

Moderator: **Leendert Looijenga** (Rotterdam, The Netherlands)

**18:00 - 19:00 ISOBM General Assembly**

**20:00 - 01:00 Gala Dinner**

Tuesday Oct. 6 Hall B

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## SESSION 17

### 09:00 - 10:30 Anticancer Drugs and Strategies — New Developments

Chairpersons:

**Michael J. Duffy** (Dublin, Ireland)

**Jolanta Tarasiuk** (Szczecin, Poland)

**09:00 Krzysztof Brzózka** (Cracow, Poland)

"Identification of a Dual PIM/FLT3 Kinase Inhibitor for the Treatment of Haematological Malignancies"

**09:25 Sergiusz Markowicz** (Warsaw, Poland)

"Perspectives of the Use of Differentiation-Inducing Factors to Counteract Regrowth of Colon Cancer after Conventional Chemotherapy"

**09:50 Piotr Rieske** (Łódź, Poland)

"Rational Combinations of Targeted Anticancer Therapies"

**10:15 Marta Michalska** (Freiburg, Germany)

"Combinational Treatment of Prostate Cancer Cells with an Anti-PSMA Immunotoxin and Docetaxel"

**10:30 - 11:00 Hall B – Coffee Break Satellite Lecture IV**

Wednesday Oct. 7 Hall A

# SCIENTIFIC PROGRAMME



## SESSION 18

08:30 - 10:30

### Towards Molecular Oncology – IncoNet EaP Session

Chairpersons:

**Jan K. Siwicki** (Warsaw, Poland)

**Ewa Szkiłdź** (Warsaw, Poland)

08:30

**Andrey Babenko** (Minsk, Belarus)

"Combined Phenotype of TYMS and TYMP Gene Expression as a Potential Predictor of Colorectal Cancer Prognosis"

08:45

**Andrii Dinets** (Stockholm, Sweden)

"Identification of Preoperative Diagnostic Markers for Discrimination Between Benign and Malignant Thyroid Cysts by a Proteomics Approach"

09:00

**H. H. Davtyan** (Yerevan, Armenia)

"Alterations in Peripheral Blood Mononuclear Cells Phospholipid Content in Cancers"

09:15

**Aliona Nicorici** (Chişinău, Republic of Moldova)

"Determining the Development of non-Hodgkin Lymphomas Immunophenotyping Based on Monoclonal Antibodies"

09:30

**Armen Sargsyan** (Yerevan, Armenia)

"Novel Inhibitors of Collagenase"

09:45

**Arif Mekhtiev** (Baku, Azerbaijan)

"Application of Embryonic Models for Elaboration of Anti-Carcinogenic Preparations of Desired Action"

10:00

**Ia Pantsulaia** (Tbilisi, Georgia)

"CD4 T Cell Subpopulations in Colorectal and Liver Cancer Patients"

10:15

**Narine Ghazaryan** (Yerevan, Armenia)

"*Macrovipera lebetina obtusa* Venom and Obtustatin: Their Applications in Cancer Research"

10:30 - 11:00

**Coffee Break Satellite Lecture IV**

Wednesday Oct. 7 Hall B

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# SCIENTIFIC PROGRAMME

Wednesday Oct. 7 Hall A

**11:00 - 12:00 KEYNOTE LECTURE**

**Ulf-Håkan Stenman**

**Optimized Diagnosis of Prostate Cancer. Do You Agree?**

**12:00 - 13:00 Targeting Tumour Microenvironment**

**Final PLENARY SESSION**

Chairpersons:

**Magdalena Chechlińska** (Warsaw, Poland)

**Andrzej Mackiewicz** (Poznań, Poland)

**Stewart Sell** (Albany, NY, USA)

**12:00 Michael Ostrowski** (Columbus, OH, USA)

"Genetic Analysis of Stromal Tumor Suppressor Pathways in Breast Cancer"

**12:30 Claudine Kieda** (Orleans, France)

"New Angiogenesis-Based Therapeutic Strategies to Compensate Tumor Hypoxia and Stably Normalize Vessels, Transform Tumor Microenvironment and Potentiate Cancer Treatment"

**13:00 - 13:30 The ISOBM Meritt Awards Ceremony and Concluding Remarks**

**13:30** Closing Ceremony

**13:45 - 15:00** Farewell Lunch

**14:30 - 17:00** ISOBM BOARD