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# CANCER MOLECULAR PATHOBIOLOGY IN THE CLINICS: HIGHLIGHTS

CLUJ-NAPOCA, CITY PLAZA HOTEL  
APRIL 18-20, 2012



**COURSE DIRECTORS**

**ANGELO PARADISO**

**PETER RIEGMAN**

**PHILIP SLOAN**

**ALEXANDRU IRIMIE**

**IOANA BERINDAN NEAGOE**

**RARES BUIGA**



**WEDNESDAY APRIL 18, 2012**

**9:00-9:30**

**REGISTRATION AND WELCOME**

**PATRICIU ACHIMAS CADARIU  
ANGELO PARADISO**

**9.30 – 10.30 INTRODUCTION**

**CANCER BIOBANKS IN EUROPE  
BAS DE JONG (NETHERLANDS)**

**NEW BIOMARKER DISCOVERY PROCESS  
ANGELO PARADISO (ITALY)**

**PERSONALISED MEDICINE: THE GOAL OF OUR DAYS?  
PATRICIU ACHIMAS (ROMANIA)**

**MOLECULAR DIAGNOSTIC IN CANCER  
IOANA BERINDAN NEAGOE (ROMANIA)**

**10.30 COFFEE BREAK**

**11.00 – 13.30 FIRST SESSION – METHODOLOGICAL ASPECTS /  
CHAIRS: VLADIMIR LAZAR, BOGDAN FETICA**

**11:00-11:25**

**THE VALUE OF HIGH THROUGHPUT TECHNOLOGIES IN DIAGNOSTIC AND  
PROGNOSTIC EVALUATION OF SOLID TUMORS**

**VLADIMIR LAZAR (FRANCE)**

**11:25-11:50**

**SEARCHING FOR THE GOLD STANDARD IN HER2/NEU TESTING IN BREAST  
CANCER**

**BOGDAN FETICA (ROMANIA)**

**11:50-12:15**

**CIRCULATING TUMOR CELLS IN CANCER THERAPY MANAGEMENT**

**RARES BUIGA (ROMANIA)**

**12:15-12:40**

**RADIOBIOLOGY IN CANCER TREATMENT**

**VALENTIN CERNEA (ROMANIA)**

**12:40-13:00**

**POSTERS PRESENTATION**

**13:00-13:30**

**DISCUSSION**

**13.30 – 14.30 LUNCH**

**14.30 – 16.35 SECOND SESSION – TRANSLATIONAL APPROACHES /  
CHAIRS: ANGELO PARADISO, SUDHIR SRIVASTAVA**

**14:30-14:50**

**VITAL PROPAGATION OF COLORECTAL CANCER TISSUES TO STUDY MOLECULAR MARKERS AND TARGETS IN COLORECTAL CANCER**

**ENZO MEDICO (ITALY)**

**14:50-15:10**

**USE OF URINARY BIOMARKER PCA-3 TO SUPPLEMENT PSA-BASED PROSTATE CANCER SCREENING**

**SUDHIR SRIVASTAVA (USA)**

**15:10-15:30**

**BANKING PARAFFIN TISSUES – THE IDEAL FOR PERSONALIZED MEDICINE CLUSTERIZATION?**

**GIORGIO STANTA (ITALY)**

**15:30-15:50 MYELODYSPLASTIC SYNDROMES (MDS) AND ACUTE MYELOID LEUKEMIA WITH MYELODYSPLASIA RELATED CHANGES (MRC-AML). PATHOGENETIC AND THERAPEUTICS ASPECTS.**

**ANDREI CUCUIANU (ROMANIA)**

**15:50-16:10**

**POSTER PRESENTATIONS**



**16:10-16:35**  
**DISCUSSION**

**16.35 COFFEE BREAK**

**17.00 – 18.00 ROUND TABLE – BIOBANKS IN DISCOVERING AND  
VALIDATION BIOMARKERS PROCESS /  
CHAIRS: BAS DE JONG, VLADIMIR LAZAR**

**PARTICIPANTS:**

**ALEXANDRU ENIU, VLADIMIR LAZAR, ROBERT MADER, ANGELO PARADISO**

**THURSDAY APRIL 19, 2012**

**8.20 – 10.40 THIRD SESSION – METHODOLOGY IN CLINICS /  
CHAIRS: RICHARD GATTI, JALID SEHOULI, NAGESH RAO**

**8:20-8:40**  
**GENE EXPRESSION PROFILING FOR PREDICTING TREATMENT RESPONSE IN  
CERVICAL CANCER**  
OVIDIU BALACESCU (ROMANIA)

**8:40-9:00**  
**CURRENT ROLE OF CYTOGENETICS AND FISH IN LABORATORY DIAGNOSTICS**  
NAGESH RAO (USA)

**9:00-9:20**  
**TRANSLATING MOLECULAR CANCER BIOLOGY INTO THERAPEUTIC  
CONCEPTS**  
ROBERT MADER (AUSTRIA)

**9:20-9:40**

**THE LINK BETWEEN MOLECULAR BIOLOGY AND THE CLINIC: PRINCIPLES AND PRACTICE**

**ANNETTE SCHMITT-GRAEFF (UK)**

**9:40-10:00**

**CLINICAL UPDATES IN OVARIAN CANCER**

**JALID SEHOULI (GERMANY)**

**10:00-10:20**

**DEVELOPMENT OF DRUGS TO INDUCE RIBOSOMAL READTHROUGH OF NONSENSE MUTATIONS IN GENETIC DISEASES AND CANCER**

**RICHARD GATTI (USA)**

**10:20-10:40**

**POSTER PRESENTATIONS**

**10.40 COFFEE BREAK**

**11.00 – 12.30 FOURTH SESSION – CLINICAL ASPECTS / CHAIRS: TUDOR ELIADE CIULEANU, JEAN CHRISTOPHE SABOURIN**

**11:00-11:20**

**CLINICAL UPDATES IN COLON CANCER**

**SABOURIN JEAN CHRISTOPHE (FRANCE)**

**11:20-11:40**

**PERSONALISED THERAPY FOR LUNG CANCER: FROM BENCHSIDE TO BED**

**TUDOR ELIADE CIULEANU (ROMANIA)**

**11:40-12:00**

**THE REAL BENEFITS OF TARGETED THERAPY IN BREAST CANCER: EXAMPLES OF NEOADJUVANT TREATMENT**

**ALEXANDRU ENIU (ROMANIA)**

**12:00- 12:30**

**Lecture**

**BIOMARKERS TO MINIMIZE PATHOLOGICAL UNCERTAINTIES IN CANCER DETECTION AND DIAGNOSIS. THE NCI'S EARLY DETECTION RESEARCH EXPERIENCE**

**SUDHIR SRIVASTAVA (NIH-NCI, USA)**



**13.00 – 14.00 LUNCH**

**14.30 – 15.30 FIFTH SESSION – CLINICAL PATHOLOGICAL CORRELATIONS  
CHAIRS: CHRISTOPH ZIELINSKI, JOHN GREEN**

**14:30-14:50**

**PRISE EN CHARGE DES SARCOMES. APPORT DE L'IMMUNOHISTOCHEMIE ET DE LA BIOLOGIE MOLECULAIRE**

**PHILIPPE TERRIER (FRANCE)**

**14:50-15:10**

**NEW HORIZONS IN DIAGNOSTIC AND MANAGEMENT OF ENDOCRINE TUMORS**

**GEORGE KONTOGEORGOS (GREECE)**

**15:10-15:30**

**CLINICAL UPDATES IN OVARIAN CANCER: ROLE OF CLINICAL TRIALS IN PERSONALISED MEDICINE**

**JOHN GREEN (UK)**

**15:10-15:30**

**CECOG – THE ENVIRONMENT FOR DEVELOPING MOLECULAR EVALUATION IN CLINICAL TRIALS**

**CHRISTOPH ZIELINSKI (AUSTRIA)**

**16.00 – 16.30 COFFEE BREAK**

**16:30-17:00**

**TRANSLATIONAL RESEARCH IN HEAD AND NECK CANCER**

**PHILIP SLOAN (UK)**

**17:00-17:30**

**POSTER AND TRAVEL AWARDS**

**17:30**

**CONCLUSIONS**

**ESO as a network for future collaboration**

**PHILIP SLOAN (UK)**

# The Romanian reality for future collaboration

IOANA NEAGOE – (RO)

**FRIDAY APRIL 20, 2012**

**9.00 – 12.00 SCAN PATHOLOGY SESSION  
(FOR PRE-REGISTERED PATHOLOGISTS)  
CHAIRMAN AND CONTRIBUTORS  
WITH ONE CASE EACH (8 CASES)**

**9:30-10:15**  
GIORGIO STANTA  
GIUSEPPE VIALE  
PHILLIPE TERRIER  
GEORGE KONTOGEORGOS

**10.15 – 10.45 COFFEE BREAK**

**10:45-12:00**  
CHRISTIN HENRY  
GEORGE KONTOGEORGOS  
RARES BUIGA  
BOGDAN FETICA

**12.15 CLOSING CEREMONY**