



«ETTORE MAJORANA»
FOUNDATION AND CENTRE
FOR SCIENTIFIC CULTURE
INTERNATIONAL SCHOOL
OF UROLOGY AND NEPHROLOGY



SIUrO
Società Italiana di Urologia Oncologica

«ETTORE MAJORANA» FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

*to pay a permanent tribute to Galileo Galilei, founder of modern science
and to Enrico Fermi, "the italian navigator", father of the weak forces*

INTERNATIONAL SCHOOL OF UROLOGY AND NEPHROLOGY

14th Course: Advances in Urological Oncology "Prostate Cancer: from Molecular and Cellular Biology to Therapeutic Advancement"

The Course will be held under the auspices of: • Italian Society of Urological Oncology (SIUrO) • University of Palermo
• University of Bologna • Faculty of Medicine of the Catholic University of the Sacred Heart of Rome • Italian Ministry of Health
• Italian Ministry for Instruction, University and (Scientific) Research • Sicilian Regional Government • World Federation of Scientists

PURPOSE OF THE COURSE

The purpose of the Course is to provide state of the art knowledge and future perspectives on basic and translational research, pathology and advanced therapeutic strategies of prostate cancer in a multidisciplinary approach. Scientific sessions will include interactive discussions between the faculty and the participants. International experts in research and clinical management of prostate cancer will share their views and experience with the audience. The Course is the fourth of a series of courses held under the aegis of the Italian Society of Urological Oncology.

SCIENTIFIC PRELIMINARY PROGRAMME

Prostate cancer stem cell biology. Epithelial-mesenchymal-transition and evolution of neoplastic cells. Role of microRNAs in cancerogenesis. Functional gene profiling in prostate cancer. Biomarkers. Pitfalls and problems in histopathological evaluation of biopsy. Definition of CRPC and androgen independence. AR pathway in HDPC and CRPC. GnRH-R in prostate cancer: from cell biology to targeted therapeutic strategies. Diagnostic and therapeutic work-up in recurrent disease. First line therapies in CRPC. New AR binding agents. New agents in CRPC. Bone health, skeletal related events and new bone targeting agents. Active surveillance. Prostate Cancer Units.

GENERAL INFORMATION

• **Person wishing to attend the Course** should write, **within December 20th 2012** to: Prof. Michele Pavone-Macaluso c/o E.DI.PO. s.r.l. Via Libertà, 103 - Palermo - fax +39 091 6251719 - michpav@tin.it - edi.po@tiscali.it, **specifying**: • date and place of birth, together with present nationality • degree and other academic qualifications • present position and place of work, address and e-mail.

• **Accreditation for Continuing Medical Education** (by the Italian Ministry of Health (ECM: *Educazione Continua in Medicina*) will be applied.

• **The registration fee** for participants € 2.200,00 plus VAT, to be paid within February 10th, 2013 to the Organising Secretariat – is inclusive of: scientific session, transfer from airport (Palermo or Trapani) to Erice and viceversa, lodging on full board basis and social events.

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DIRECTOR OF THE SCHOOL
Michele Pavone-Macaluso

Erice, Sicily - Italy April 16-21, 2013

Instructions to Authors 2013

General Policy. ANTICANCER RESEARCH (AR) will accept original high quality works and reviews on all aspects of experimental and clinical cancer research. The Editorial Policy suggests that priority will be given to papers advancing the understanding of cancer causation, and to papers applying the results of basic research to cancer diagnosis, prognosis, and therapy. AR will also accept the following for publication: (a) Abstracts and Proceedings of scientific meetings on cancer, following consideration and approval by the Editorial Board; (b) Announcements of meetings related to cancer research; (c) Short reviews (of approximately 120 words) and announcements of newly received books and journals related to cancer, and (d) Announcements of awards and prizes.

The principal aim of AR is to provide for the prompt publication (print and online) of original works of high quality, generally within 1-2 months from final acceptance. Manuscripts will be accepted on the understanding that they report original unpublished works on the cancer problem that are not under consideration for publication by another journal, and that they will not be published again in the same form. All authors should sign a submission letter confirming the approval of their article contents. All material submitted to AR will be subject to review, when appropriate, by two members of the Editorial Board and by one suitable outside referee. The Editors reserve the right to improve manuscripts on grammar and style.

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Figures. All figures (whether photographs or graphs) should be clear, high contrast, at the size they are to appear in the journal: 8.00 cm (3.15 in.) wide for a single column; 17.00 cm (6.70 in.) for a double column; maximum height: 20.00 cm (7.87 in.). Graphs must be submitted as photographs made from drawings and must not require any artwork, typesetting, or size modifications. Symbols, numbering and lettering should be clearly legible. The number and top of each figure must be indicated. Colour plates are charged.

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References. Authors must assume responsibility for the accuracy of the references used. Citations for the reference sections of submitted works should follow the standard form of "Index Medicus" and must be numbered consecutively. In the text, references should be cited by number. Examples: 1 Sumner AT: The nature of chromosome bands and their significance for cancer research. *Anticancer Res* 1: 205-216, 1981. 2 McGuire WL and Chamnes GC: Studies on the oestrogen receptor in breast cancer. In: *Receptors for Reproductive Hormones* (O' Malley BW, Chamnes GC (eds.)). New York, Plenum Publ Corp., pp 113-136, 1973.

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A Selection of Recent Papers

Metastatic Biomarker Discovery Through Proteomics. L.T. BRINTON, T.A. BRETNALL, J.A. SMITH, K.A. KELLY (*Charlottesville, VA; Seattle, WA, USA*)

Genetically Engineered Fusion Proteins for Treatment of Cancer. U.H. WEIDLE, B. SCHNEIDER, G. GEORGES, U. BRINKMANN (*Penzberg, Germany*)

Identification of Differentially Expressed Proteins from Primary vs. Metastatic Pancreatic Cancer Cells Using Subcellular Proteomics. K.Q. MCKINNEY, J.-G. LEE, D. SINDRAM, M.W. RUSSO, D.K. HAN, H.L. BONKOVSKY, S.-I. HWANG (*Charlotte, NC; Farmington, CT, USA*)

Review: Are we Missing the Target? – Cancer Stem Cells and Drug Resistance in Non-small Cell Lung Cancer. S. GOTTSCHLING, P.A. SCHNABEL, F.J.F. HERTH, E. HERPEL (*Heidelberg, Germany*)

Identification of Markers Associated with Highly Aggressive Metastatic Phenotypes Using Quantitative Comparative Proteomics. M.G. TERP, R.R. LUND, O.N. JENSEN, R. LETH-LARSEN, H.J. DITZEL (*Odense, Denmark*)

Review: Breast Cancer and Metastasis: On the Way Toward Individualized Therapy. A.P. TRAPÉ, A.M. GONZALEZ-ANGULO (*Houston, TX, USA*)

In Silico Functional Profiling of Individual Prostate Cancer Tumors: Many Genes, Few Functions. I.P. GORLOV, J. BYUN, C.J. LOGOTHETIS (*Houston, TX, USA*)

Expression of Signal-induced Proliferation-associated Gene 1 (SIPA1), a RapGTPase-activating Protein, Is Increased in Colorectal Cancer and Has Diverse Effects on Functions of Colorectal Cancer Cells. K. JI, L. YE, A.-M. TOMS, R. HARGEST, T.A. MARTIN, F. RUGE, J. JI, W.G. JIANG (*Cardiff, UK; Beijing, PR China*)

Single Nucleotide Polymorphisms of Genes for EGF, TGF- β and TNF- α in Patients with Pancreatic Carcinoma. L. ZHANG, G. WU, F. HERRLE, M. NIEDERGETHMANN, M. KEESE (*Frankfurt; Heidelberg, Germany; Xiamen, P.R. China*)

Diagnostic MicroRNA Markers to Screen for Sporadic Human Colon Cancer in Blood. F.E. AHMED, N.C. AMED, P.W. VOS, C. BONNERUP, J.N. ATKINS, M. CASEY, G.J. NUOVO, W. NAZIRI, J.E. WILEY, R.R. ALLISON (*Greenville, Goldsboro, NC; Columbus, OH, USA*)

MGMT Hypermethylation and MDR System in Glioblastoma Cancer Stem Cells. V. CALDERA, M. MELLAI, L. ANNOVAZZI, O. MONZEGLIO, A. PIAZZI, D. SCHIFFER (*Pavia; Novara, Italy*)

20-HETE-producing Enzymes Are Up-regulated in Human Cancers. A. ALEXANIAN, B. MILLER, R.J. ROMAN, A. SOROKIN (*Milwaukee, WI; Jackson, MS, USA*)

Unifying the Genomics-based Classes of Cancer Fusion Gene Partners: Large Cancer Fusion Genes are Evolutionarily Conserved. L.M. PAVA, D.T. MORTON, R. CHEN, G. BLANCK (*Tampa, FL, USA*)

Bevacizumab plus Docetaxel and Cisplatin for Metastatic Breast Cancer: A Pilot Phase II Study. C.-J. TAI, C.-S. CHEN, C.-S. HUNG, L.-J. KUO, P.-L. WEI, J.-F. CHIOU, C.-H. HSU, H.-Y. CHIOU, C.-H. WU (Taipei; Taiwan, ROC).....	5501
Expression Analysis of iPS Cell – Inductive Genes in Esophageal Squamous Cell Carcinoma by Tissue Microarray. Y. SHIMADA, T. OKUMURA, S. SEKINE, M. MORIYAMA, S. SAWADA, K. MATSUI, I. YOSHIOKA, S. HOJO, T. YOSHIDA, T. NAGATA, J. FUKUOKA, K. TSUKADA (Toyama, Japan)	5507
Distance to the Neurooncological Center: A Negative Prognostic Factor in Patients with Glioblastoma Multiforme. An Epidemiological Study. J. KERSCHBAUMER, C.F. FREYSCHLAG, R. BAUER, A.A. OBWEGESER, G.A. SCHUBERT, C. THOMÉ, M. SEIZ (Innsbruck; Feldkirch, Austria)	5515
Successful Rechallenge for Oxaliplatin Hypersensitivity Reactions in Patients with Metastatic Colorectal Cancer. T. YANAI, S. IWASA, H. HASHIMOTO, K. KATO, T. HAMAGUCHI, Y. YAMADA, Y. SHIMADA, H. YAMAMOTO (Tokyo, Japan)	5521
Comparison of Two Different Conditioning Regimens Before Autologous Transplantation for Children with High-Risk Neuroblastoma. M.A. DE IORIS, B. CONTOLI, A. JENKNER, M.D. DE PASQUALE, A. SERRA, L. DE SIO, R. PESSOLANO, M.C. GARGANESE, A. CROCOLI, T. CORNELI, R. BOLDRINI, A. CASTELLANO (Rome, Italy)	5527
Book Reviews	5535
Announcements	5541
Index.....	5543
Review (page 5139)	

Effect of Menatetrenone, a Vitamin K ₂ Analog, on Recurrence of Hepatocellular Carcinoma after Surgical Resection: A Prospective Randomized Controlled Trial. M. ISHIZUKA, K. KUBOTA, M. SHIMODA, J. KITA, M. KATO, K.H. PARK, T. SHIRAKI (<i>Tochigi, Japan</i>)	5415
Staging Fluorescence Laparoscopy for Gastric Cancer by Using 5-Aminolevulinic Acid. Y. MURAYAMA, D. ICHIKAWA, N. KOIZUMI, S. KOMATSU, A. SHIOZAKI, Y. KURIU, H. IKOMA, T. KUBOTA, M. NAKANISHI, Y. HARADA, H. FUJIWARA, K. OKAMOTO, T. OCHIAI, Y. KOKUBA, T. TAKAMATSU, E. OTSUJI (<i>Kyoto, Japan</i>).....	5421
Low-grade Central Osteosarcoma of the Metatarsal Bone: A Clinicopathological, Immunohistochemical, Cytogenetic and Molecular Cytogenetic Analysis. J. NISHIO, H. IWASAKI, S. TAKAGI, H. SEO, M. AOKI, K. NABESHIMA, M. NAITO (<i>Fukuoka, Japan</i>)	5429
Daily 500 mg Valacyclovir Is Effective for Prevention of Varicella Zoster Virus Reactivation in Patients with Multiple Myeloma Treated with Bortezomib. T. FUKUSHIMA, T. SATO, T. NAKAMURA, H. IWAO, A. NAKAJIMA, M. MIKI, T. SAKAI, T. KAWANAMI, T. SAWAKI, Y. FUJITA, M. TANAKA, Y. MASAKI, T. OKAZAKI, H. NAKAJIMA, Y. MOTOO, H. UMEHARA (<i>Ishikawa, Japan</i>)	5437
Atypical Hyperplasia of the Breast: The Black Hole of Routine Breast Cancer Screening. E. PICOULEAU, M. DENIS, V. LAVOUE, P. TAS, H. MESBAH, P. POREE, J. LEVEQUE, K. MORCEL (<i>Rennes, France</i>)	5441
Prognostic Value of Serum CA9 in Patients with Metastatic Clear Cell Renal Cell Carcinoma under Targeted Therapy. M. GIGANTE, G. LI, C. FERLAY, D. PEROL, E. BLANC, S. PAUL, A. ZHAO, J. TOSTAIN, B. ESCUDIER, S. NEGRIER, C. GENIN (<i>Saint-Etienne; Lyon; Villejuif, France</i>).....	5447
Treatment of Hepatic Metastases from Gastric or Gastroesophageal Adenocarcinoma with Computed Tomography-guided High-dose-rate Brachytherapy (CT-HDRBT). D. GEISEL, T. DENECKE, F. COLLETTINI, C. GRIESER, P. WUST, P. THUSS-PATIENCE, B. HAMM, B. GEBAUER (<i>Berlin, Germany</i>).....	5453
Nationwide Survey of Use of Vacuum-assisted Breast Biopsy in South Korea. H.-L. PARK, S.Y. MIN, S.-H. KWON, J.-Y. SONG, H. SHIN, S.-J. NAM, J.-H. YANG, KOREAN BREAST CANCER SOCIETY MEMBERS (<i>Seoul; Goyang, South Korea</i>).....	5459
Review on the Annual Cancer Risk of Barrett's Esophagus in Persons with Symptoms of Gastroesophageal Reflux Disease. J. LENGlinger, M. RIEGLER, E. COSENTINI, R. ASARI, I. MESTERI, F. WRBA, S.F. SCHOPPMANN (<i>Vienna, Austria</i>)	5465
Evaluation of the Safety and Efficacy of Combination Chemotherapy with Vinorelbine and Platinum Agents for Patients with Non-small Cell Lung Cancer with Interstitial Lung Disease. K. OKUDA, T. HIROSE, Y. OKI, Y. MURATA, S. KUSUMOTO, T. SUGIYAMA, H. ISHIDA, T. SHIRAI, M. NAKASHIMA, T. YAMAOKA, T. OHNISHI, T. OHMORI (<i>Tokyo, Japan</i>)	5475
Adverse Pathological Findings in Needle Biopsy Gleason Score 6 Prostate Cancers with Low and Intermediate Preoperative PSA Levels Following Radical Prostatectomy. I. HEIDEGGER, M. LADURNER, V. SKRADSKI, H. KLOCKER, G. SCHÄFER, W. HORNINGER, J. BEKTIC (<i>Innsbruck, Austria</i>).....	5481
Hepatic Arterial Infusion of Irinotecan, 5-Fluorouracil and Leucovorin in Patients with Liver Metastases from Colorectal Carcinoma. B. MELICHAR, Z. VOBOŘIL, A. KRAJINA, E. MALNŘOVA, P. WEINER, M. NOVÁ, A. RYŠKA, J. DVOŘAK (<i>Olomouc; Hradec Králové; Jindřichův Hradec, Czech Republic</i>)	5487
Comparison of Prognostic Value of <i>In Vitro</i> Drug Resistance and Bone Marrow Residual Disease on Day 15 of Therapy in Childhood Acute Lymphoblastic Leukemia. J. STYCZYNSKI, M. PIATKOWSKA, A. JAWORSKA-POSADZY, K. CZYZEWSKI, M. KUBICKA, B. KOŁODZIEJ, B. KURYLO-RAFINSKA, R. DEBSKI, M. POGORZALA, M. WYSOCKI (<i>Bydgoszcz, Poland</i>)	5495

Detection of Numerical Abnormalities of Chromosome 9 and p16/CDKN2A Gene Alterations in Ovarian Cancer with Fish Analysis. C. ARAVIDIS, A.D. PANANI, Z. KOSMAIDOU, N. THOMAKOS, A. RODOLAKIS, A. ANTSAKLIS (<i>Athens, Greece</i>)	5309
Intratumoral ²²⁴ Ra-Loaded Wires Spread Alpha-Emitters Inside Solid Human Tumors in Athymic Mice Achieving Tumor Control. T. COOKS, M. TAL, S. RAAB, M. EFRATI, S. REITKOPF, E. LAZAROV, R. ETZYONI, M. SCHMIDT, L. ARAZI, I. KELSON, Y. KEISARI (<i>Tel Aviv, Israel</i>)	5315
Effects of Bicalutamide and 4OH-Tamoxifen on Androgen-regulated Gene Expression in the LNCaP Cell Line. R. MANGERINI, F. ARGELLATI, U. PFEFFER, F. BOCCARDO (<i>Genoa, Italy</i>)	5323
Studies on the Activity of Two <i>Trans</i> -Planar Platinum(II) Complexes Coded as DH4 and DH5 in Human Ovarian Tumour Models. N. DEQNAH, J.Q. YU, P. BEALE, F. HUQ (<i>Sydney; Concord, NSW, Australia</i>)	5331
Curcumin Resistance Induced by Hypoxia in HepG2 Cells Is Mediated by Multidrug-resistance-associated Proteins. T. SAKULTERDKIAT, C. SRISOMSAP, R. UDOMSANGPETCH, J. SVASTI, K. LIRDPRAPAMONGKOL (<i>Bangkok, Thailand</i>)	5337
Artonin E Mediates MCL1 Down-regulation and Sensitizes Lung Cancer Cells to Anoikis. E. WONGPANKAM, P. CHUNHACHA, V. PONGRAKHANANON, B. SRITULARAK, P. CHANVORACHOTE (<i>Bangkok, Thailand</i>).....	5343
Induction of Apoptosis of SW480 Human Colon Cancer Cells by (-)-Epicatechin Isolated from <i>Bulnesia sarmienti</i> . D. KIM, M.L. MOLLAH, K. KIM (<i>Daegu, Republic of Korea; Selangor, Malaysia</i>).....	5353
Suppressive Effects of Cyclophosphamide and Gemcitabine on Regulatory T-Cell Induction <i>In Vitro</i> . S. KAN, S. HAZAMA, K. MAEDA, Y. INOUE, S. HOMMA, S. KOIDO, M. OKAMOTO, M. OKA (<i>Yamaguchi; Tokyo, Japan</i>)	5363
Antiproliferative, Antioxidant and Anti-inflammatory Effects of Hydroxytyrosol on Human Hepatoma HepG2 and Hep3B Cell Lines. V. TUTINO, M.G. CARUSO, C. MESSA, E. PERRI, M. NOTARNICOLA (<i>Bari; Rende, Italy</i>)	5371
Gut Fermentation Products of Inulin-type Fructans Modulate the Expression of Xenobiotic-metabolising Enzymes in Human Colonic Tumour Cells. U. MUNJAL, D. SCHARLAU, M. GLEI (<i>Jena, Germany</i>)	5379
Quantification of Breast Cancer Cells in Peripheral Blood Samples by Real-Time RT-PCR. M. ZEBISCH, A.C. KÖLBL, C. SCHINDLBECK, J. NEUGEBAUER, S. HEUBLEIN, M. ILMER, B. RACK, K. FRIESE, U. JESCHKE, U. ANDERGASSEN (<i>Munich; Traunstein, Germany; Houston, TX, USA</i>)	5387
<i>Clinical Studies</i>	
Pemetrexed plus Carboplatin or Cisplatin as Neoadjuvant Treatment of Operable Malignant Pleural Mesothelioma (MPM). G. PASELLO, G. MARULLI, V. POLO, C. BREDA, L. BONANNO, L. LOREGGIAN, F. REA, A. FAVARETTO (<i>Padua, Italy</i>).....	5393
Phase I Study of Combination Chemotherapy Consisting of Paclitaxel, Cisplatin, and S-1 in Patients with Unresectable Gastric Cancer (KOGC-02). T. TAKAHASHI, Y. SAIKAWA, K. FUKUDA, S. FUNAKOSHI, H. KAWAKUBO, H. TAKEUCHI, H. TAKAISHI, Y. KITAGAWA (<i>Tokyo, Japan</i>)	5401
Evaluation of 5-FU Plasma Concentration by ¹³ C Breath Test in Patients Treated with Oral 5-FU Analogs. M. HIGASHIDA, H. MATSUMOTO, H. KUBOTA, H. MURAKAMI, Y. KAWABE, H. NAKASHIMA, Y. OKA, H. OKUMURA, M. NAKAMURA, T. HIRAI (<i>Okayama, Japan</i>)	5407

Bevacizumab Impairs Hepatocyte Proliferation after Partial Hepatectomy in a Rabbit Model. A. DUPRE, A. PARADISI, S. LANGONNET, A. GANDINI, P. MEHLEN, M. RIVOIRE (<i>Lyon, France</i>).....	5193
Recognition of a Natural WT1 Epitope by a Modified WT1 Peptide-specific T-Cell Receptor. T. TAMANAKA, Y. OKA, F. FUJIKI, A. TSUBOI, A. KATSUHARA, H. NAKAJIMA, N. HOSEN, S. NISHIDA, Y.-H. LIN, S. TACHINO, Y. AKATSUKA, K. KUZUSHIMA, Y. OJI, A. KUMANOGOH, H. SUGIYAMA (<i>Osaka; Toyoake; Nagoya, Japan</i>).....	5201
Overexpression of CD9 in Human Breast Cancer Cells Promotes the Development of Bone Metastases. P. KISCHEL, A. BELLAHCENE, B. DEUX, V. LAMOUR, R. DOBSON, E. DE PAUW, P. CLEZARDIN, V. CASTRONOVO (<i>Liège, Belgium; Lyon, France</i>)	5211
Computer-assisted Diagnosis (CAD) in Colposcopy: Evaluation of a Pilot Study. G. MEHLHORN, A. KAGE, C. MÜNZENMAYER, M. BENZ, M.C. KOCH, M.W. BECKMANN, T. WITTENBERG (<i>Erlangen, Germany</i>)	5221
Immunohistochemical Expression and Prognostic Significance of HIF-1 α and VEGF-C in Neuroendocrine Breast Cancer. I. MARTON, F. KNEŽEVIĆ, S. RAMIĆ, M. MILOŠEVIĆ, D. TOMAS (<i>Zagreb, Croatia</i>)	5227
Macrophage Migration-inhibitory Factor Levels in Serum of Patients with Ovarian Cancer Correlates with Poor Prognosis. M. KROCKENBERGER, P. KRANKE, S. HÄUSLER, J.B. ENGEL, E. HORN, K. NÜRNBERGER, J. WISCHHUSEN, J. DIETL, A. HÖNIG (<i>Würzburg; Regensburg, Germany</i>)	5233
Relationship between Structure and Antiproliferative Activity of Polymethoxyflavones towards HL60 Cells. S. KAWAI, T. IKUINA, T. HIKIMA, T. TOKIWANO, Y. YOSHIZAWA (<i>Saitama; Akita, Japan</i>)	5239
Expression of E-Cadherin and α -Catenin in T1 N0 Laryngeal Cancer. E. CARICO, M. RADICI, N.S. LOSITO, S. RAFFA, L. FIRRISI, A. FABIANO, M. MANOLA, A. VECCHIONE, M.R. GIOVAGNOLI (<i>Rome; Naples, Italy</i>).....	5245
Gefitinib and Gemcitabine Coordinately Inhibited the Proliferation of Cholangiocarcinoma Cells. Y. NAKAJIMA, H. TAKAGI, S. KAKIZAKI, N. HORIGUCHI, K. SATO, N. SUNAGA, M. MORI (<i>Gunma, Japan</i>).....	5251
Antitumoral Efficacy of Four Histone Deacetylase Inhibitors in Hepatoma <i>In Vitro</i> and <i>In Vivo</i> . M. GANSLMAYER, P. KONTUREK, C. HEROLD, M.F. NEURATH, S. ZOPF (<i>Erlangen; Saalfeld, Germany</i>)	5263
Effects of Structural Modifications of Daunorubicin on <i>In Vitro</i> Antileukemic Activity. M. STOJAK, L. MAZUR, M. OPYDO-CHANEK, M. ŁUKAWSKA, I. OSZCZAPOWICZ (<i>Cracow; Warsaw, Poland</i>).....	5271
Effects of Voltage-gated K ⁺ Channel Blockers in Gefitinib-resistant H460 Non-small Cell Lung Cancer Cells. W.I. JEON, P.D. RYU, S.Y. LEE (<i>Seoul, South Korea</i>).....	5279
The Effect of High-intensity Focused Ultrasound in Combination with Cisplatin Using a Xenograft Model of Cervical Cancer. Y.-Y. LEE, Y.J. CHO, J.-J. CHOI, C.H. CHOI, T.-J. KIM, B.-G. KIM, D.-S. BAE, Y.-S. KIM, J.-W. LEE (<i>Seoul, South Korea</i>)	5285
Therapeutic Radiation Induces Different Changes in Expression Profiles of Metallothionein (MT) mRNA, MT Protein, Ki 67 and Minichromosome Maintenance Protein 3 in Human Rectal Adenocarcinoma. J. SZELACHOWSKA, P. DZIEGIEL, R. TARKOWSKI, A. GOMULKIEWICZ, M. BEBENEK, A. HALON, K. FORTUNA, A. WOJNAR, J. KORNAFEL, R. MATKOWSKI (<i>Wroclaw, Poland</i>).....	5291
Expression of mRNAs of Urocortin and Corticotropin-releasing Factor Receptors in Malignant Glioma Cell Lines. M. KAMADA, K. IKEDA, K. FUJIOKA, N. AKIYAMA, K. AKIYOSHI, Y. INOUE, S. HANADA, K. YAMAMOTO, K. TOJO, Y. MANOME (<i>Tokyo, Japan</i>)	5299