

Instructions for Authors 2018

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 prompt publication (print and online) for 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 Manuscripts will be accepted on the understanding that they report original unpublished works in the field of cancer research that are not under consideration for publication by another journal, and that they will not be published again in the same form.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 peer-review, when appropriate, by two members of the Editorial Board and by one suitable outside referee. All manuscripts submitted to AR are urgently treated with absolute confidence, with access restricted to the Managing Editor, the journal's secretary, the reviewers and the printers. The Editors reserve the right to improve manuscripts on grammar and style.

The Editors and Publishers of AR accept no responsibility for the contents and opinions expressed by the contributors. Authors should warrant due diligence in the creation and issuance of their work.

NIH Open Access Policy. The journal acknowledges that authors of NIH-funded research retain the right to provide a copy of the published manuscript to the NIH four months after publication in ANTICANCER RESEARCH, for public archiving in PubMed Central.

Copyright. Once a manuscript has been published in ANTICANCER RESEARCH, which is a copyrighted publication, the legal ownership of all published parts of the paper has been transferred from the Author(s) to the journal. Material published in the journal may not be reproduced or published elsewhere without the written consent of the Managing Editor or Publisher.

Format. Two types of papers may be submitted: (i) Full papers containing completed original work, and (ii) review articles concerning fields of recognisable progress. Papers should contain all essential data in order to make the presentation clear. Reasonable economy should be exercised with respect to the number of tables and illustrations used. Papers should be written in clear, concise English. Spelling should follow that given in the "Shorter Oxford English Dictionary".

Manuscripts. Submitted manuscripts should not exceed fourteen (14) pages (approximately 250 words per double – spaced typed page), including abstract, text, tables, figures, and references (corresponding to 4 printed pages). Papers exceeding 4 printed pages will be subject to excess page charges. All manuscripts should be divided into the following sections: (a) *First page* including the title of the presented work [not exceeding fifteen (15) words], full names and full postal addresses of all Authors, name of the Author to whom proofs are to be sent, key words, an abbreviated running title, an indication "review", "clinical", "epidemiological", or "experimental" study, and the date of submission. (Note: The order of the Authors is not necessarily indicative of their contribution to the work. Authors may note their individual contribution(s) in the appropriate section(s) of the presented work); (b) *Abstract* not exceeding 150 words, organized according to the following headings: Background/Aim – Materials and Methods/Patients and Methods – Results – Conclusion; (c) *Introduction*; (d) *Materials and Methods/Patients and Methods*; (e) *Results*; (f) *Discussion*; (g) *Acknowledgements*; (h) *References*. All pages must be numbered consecutively. Footnotes should be avoided. Review articles may follow a different style according to the subject matter and the Author's opinion. Review articles should not exceed 35 pages (approximately 250 words per double-spaced typed page) including all tables, figures, and references.

Figures. All figures should appear at the end of the submitted document file. Once a manuscript is accepted all figures and graphs should be submitted separately in either jpg, tiff or pdf format and at a minimum resolution of 300 dpi. Graphs must be submitted as pictures 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. Pages that include color figures are subject to color charges..

Tables. All tables should appear at the end of the submitted document file. Once a manuscript is accepted, each table should be submitted separately, typed double-spaced. Tables should be numbered with Roman numerals and should include a short title.

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.

Nomenclature and Abbreviations. Nomenclature should follow that given in “Chemical Abstracts”, “Index Medicus”, “Merck Index”, “IUPAC -IUB”, “Bergey’s Manual of Determinative Bacteriology”, The CBE Manual for Authors, Editors and Publishers (6th edition, 1994), and MIAME Standard for Microarray Data. Human gene symbols may be obtained from the HUGO Gene Nomenclature Committee (HGNC) (<http://www.gene.ucl.ac.uk/>). Approved mouse nomenclature may be obtained from <http://www.informatics.jax.org/>. Standard abbreviations are preferable. If a new abbreviation is used, it must be defined on first usage.

Clinical Trials. Authors of manuscripts describing clinical trials should provide the appropriate clinical trial number in the correct format in the text.

For International Standard Randomised Controlled Trials (ISRCTN) Registry (a not-for-profit organization whose registry is administered by Current Controlled Trials Ltd.) the unique number must be provided in this format: ISRCTNXXXXXXXX (where XXXXXXXX represents the unique number, always prefixed by “ISRCTN”). Please note that there is no space between the prefix “ISRCTN” and the number. Example: ISRCTN47956475.

For Clinicaltrials.gov registered trials, the unique number must be provided in this format: NCTXXXXXXXX (where XXXXXXXX represents the unique number, always prefixed by ‘NCT’). Please note that there is no space between the prefix ‘NCT’ and the number. Example: NCT00001789.

Ethical Policies and Standards. ANTICANCER RESEARCH agrees with and follows the “Uniform Requirements for Manuscripts Submitted to Biomedical Journals” established by the International Committee of Medical Journal Editors in 1978 and updated in October 2001 (www.icmje.org). Microarray data analysis should comply with the “Minimum Information About Microarray Experiments (MIAME) standard”. Specific guidelines are provided at the “Microarray Gene Expression Data Society” (MGED) website. Presentation of genome sequences should follow the guidelines of the NHGRI Policy on Release of Human Genomic Sequence Data. Research involving human beings must adhere to the principles of the Declaration of Helsinki and Title 45, U.S. Code of Federal Regulations, Part 46, Protection of Human Subjects, effective December 13, 2001. Research involving animals must adhere to the Guiding Principles in the Care and Use of Animals approved by the Council of the American Physiological Society. The use of animals in biomedical research should be under the careful supervision of a person adequately trained in this field and the animals must be treated humanely at all times. Research involving the use of human fetuses, foetal tissue, embryos and embryonic cells should adhere to the U.S. Public Law 103-41, effective December 13, 2001.

Submission of Manuscripts. Please follow the Instructions for Authors regarding the format of your manuscript and references. Manuscripts must be submitted only through our online submission system at: <http://www.iar-submissions.com/login.html>. In case a submission is incomplete, the corresponding Author will be notified accordingly. Questions regarding difficulties in using the online submission system should be addressed to: email: journals@iar-anticancer.org

Galley Proofs. Unless otherwise indicated, galley proofs will be sent to the corresponding Author of the submission. Corrections of galley proofs should be limited to typographical errors. Reprints, PDF files, and/or Open Access may be ordered after the acceptance of the paper. Authors of online open access articles are entitled to a complimentary online subscription to Anticancer Research for the current year and all previous digital content since 2004. Requests should be addressed to the Editorial Office. Galley proofs should be returned corrected to the Editorial Office by email within two days.

Specific information and additional instructions for Authors

1. Anticancer Research (AR) closely follows the new developments in all fields of experimental and clinical cancer research by (a) inviting reviews on topics of immediate importance and substantial progress in the last three years, and (b) providing the highest priority for rapid publication to manuscripts presenting original results judged to be of exceptional value. Theoretical papers will only be considered and accepted if they bear a significant impact or formulate existing knowledge for the benefit of research progress.
2. Anticancer Research will consider the publication of conference proceedings and/or abstracts provided that the material submitted fulfils the quality requirements and instructions of the journal, following the regular review process by two suitable referees.
3. An acknowledgement of receipt, including the article number, title and date of receipt is sent to the corresponding author of each manuscript upon receipt. If this receipt is not received within 20 days from submission, the author should call or write to the Editorial Office to ensure that the manuscript (or the receipt) was not lost in the mail or during electronic submission.
4. Each manuscript submitted to AR is sent for review in confidence to two suitable referees with the request to return the manuscript with their comments to the Editorial Office within 12 days from receipt. If reviewers need a longer time or wish to send the manuscript to another expert, the manuscript may be returned to the Editorial Office with a delay. All manuscripts submitted to AR, are treated in confidence, without access to any person other than the Managing Editor, the journal’s secretary, the reviewers and the printers.

5. All accepted manuscripts are peer-reviewed and carefully corrected in style and language, if necessary, to make presentation clear. (There is no fee for this service). Every effort is made (a) to maintain the personal style of the author's writing and (b) to avoid change of meaning. Authors will be requested to examine carefully manuscripts which have undergone language correction at the pre-proof or proof stage.
6. Authors should pay attention to the following points when writing an article for AR:
 - The Instructions to Authors must be followed in every detail.
 - The presentation of the experimental methods should be clear and complete in every detail facilitating reproducibility by other scientists.
 - The presentation of results should be simple and straightforward in style. Results and discussion should not be combined into one section, unless the paper is short.
 - Results given in figures should not be repeated in tables.
 - Figures (graphs or photographs) should be prepared at a width of 8 or 17 cm with legible numbers and lettering.
 - Photographs should be clear with high contrast, presenting the actual observation described in the legend and in the text. Each legend should provide a complete description, being self-explanatory, including technique of preparation, information about the specimen and magnification.
 - Statistical analysis should be elaborated wherever it is necessary. Simplification of presentation by giving only numerical or % values should be avoided.
 - Fidelity of the techniques and reproducibility of the results, should be points of particular importance in the discussion section. Authors are advised to check the correctness of their methods and results carefully before writing an article. Probable or dubious explanations should be avoided.
 - Authors should not cite results submitted for publication in the reference section. Such results may be described briefly in the text with a note in parenthesis (submitted for publication by... authors, year).
 - The References section should provide as complete a coverage of the literature as possible including all the relevant works published up to the time of submission.
 - By following these instructions, Authors will facilitate a more rapid review and processing of their manuscripts and will provide the readers with concise and useful papers.
7. Following review and acceptance, a manuscript is examined in language and style, and galley proofs are rapidly prepared. Second proofs are not sent unless required.
8. Authors should correct their galley proofs very carefully and preferably twice. An additional correction by a colleague always proves to be useful. Particular attention should be paid to chemical formulas, mathematical equations, symbols, medical nomenclature etc. Any system of correction marks can be used in a clear manner, preferably with a red pen. Additions or clarifications are allowed provided that they improve the presentation but do not bring new results (no fee).
9. Articles submitted to AR may be rejected without review if:
 - they do not fall within the journal's policy.
 - they do not follow the instructions for authors.
 - language is unclear.
 - results are not sufficient to support a final conclusion.
 - results are not objectively based on valid experiments.
 - they repeat results already published by the same or other authors before the submission to AR.
 - plagiarism is detected by plagiarism screening services.

(Rejection rate (2016): 66%).
10. Authors who wish to prepare a review should contact the Managing Editor of the journal in order to get confirmation of interest in the particular topic of the review. The expression of interest by the Managing Editor does not necessarily imply acceptance of the review by the journal.
11. Authors may inquire information about the status of their manuscript(s) by calling the Editorial Office at +30-22950-53389, Monday to Friday 9.00-16.00 (Athens time), or by sending an e-mail to journals@iia-anticancer.org
12. Authors who wish to edit a special issue on a particular topic should contact the Managing Editor.
13. Authors, Editors and Publishers of books are welcome to submit their books for immediate review in AR. There is no fee for this service. (This text is a combination of advice and suggestions contributed by Editors, Authors, Readers and the Managing Editor of AR).

Copyright© 2018 - International Institute of Anticancer Research (G.J. Delinasios). All rights reserved (including those of translation into other languages). No part of this journal may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, microfilming, recording or otherwise, without written permission from the Publisher.

Contents

Reviews

Pathophysiological Mechanisms of Renal Fibrosis: A Review of Animal Models and Therapeutic Strategies. A. NOGUEIRA, M.J. PIRES, P.A. OLIVEIRA (Vila Real, Braga, Portugal).....	1
Prevalence of EGFR Tyrosine Kinase Domain Mutations in Head and Neck Squamous Cell Carcinoma: Cohort Study and Systematic Review. C. PERISANIDIS (Vienna, Austria).....	23
Clinical Factors Associated with Treatment Outcomes Following Whole-brain Irradiation in Patients with Prostate Cancer. L. DZIGGEL, S.E. SCHILD, T. VENINGA, A. BAJROVIC, D. RADES (Lübeck/Hamburg, Germany; Scottsdale, AZ, USA; Tilburg, the Netherlands).....	35
Experimental Studies	
Effectiveness of Analogs of the GS-Nitroimidazole, JP4-039, as Total Body Irradiation Mitigators. M.W. EPPERLY, J.R. SACHER, T. HRANIZ, X. ZHANG, P. WIPP, M. LIANG, R. FISHER, S. LI, H. WANG, J.S. GREENBERGER (Pittsburgh, PA, USA).....	39
Active and Passive Immunization Against <i>Staphylococcus aureus</i> Periprosthetic Osteomyelitis in Rats. N.H.SØE, N.V. JENSEN, A.L. JENSEN, J. KOCH, S.S. POULSEN, G.B. PIER, H.K. JOHANSEN (Hallerup, Copenhagen; Hørsholm, Denmark; Boston, MA, USA).....	45
Gene Expression Analysis of Cultured Rat-Endothelial Cells after Nd:YAG Laser Irradiation by Affymetrix GeneChip Array. Y. MASUDA, S. YOKOSE, H. SAKAGAMI (Saitama, Japan).....	51
Wound Healing Delay in the ZSD Rat. M.A. SUCKOW, T.A. GOBBETT, R.G. PETERSON (St. Paul, MN; Indianapolis, IN, USA).....	55
Pulsed Electromagnetic Field Stimulation Promotes Anti-cell Proliferative Activity in Doxorubicin-treated Mouse Osteosarcoma Cells. Y. MURAMATSU, T. MATSUI, M. DEBE, K. SATO (Aichi, Japan).....	61

Content continued on the back cover

ISSN (online): 1791-7549

General Policy

- **IN VIVO** is a multidisciplinary journal designed to bring together original high quality works and reviews on experimental and clinical biomedical research within the frames of human physiology, pathology and disease management. A special focus of the journal is the publication of works on: (a) Experimental development and application of new diagnostic procedures; (b) Pharmacological and toxicological evaluation of new drugs and drug combinations; (c) Clinical trials; (d) Development and characterization of models of biomedical research.
- The principal aim of **IN VIVO** is to provide prompt online publication for accepted articles, generally within 1-2 months from final acceptance.
- **Editorial Office:** International Institute of Anticancer Research, 1st km Kapandritiou-Kalamou Rd., P.O. Box 22, Kapandriti, Attiki 19014, Greece. Tel: +30 22950 52945, Fax: +30 22950 53389.

U.S. Branch: Anticancer Research Inc., USA, 111 Bay Avenue, Highlands, NJ, USA.

- **E-mail:** journals@iia-anticancer.org; IIA WEBSITES: www.iia-anticancer.org and www.iiajournals.org

- **International Journal of Experimental and Clinical Pathophysiology and Drug Research**
- **Published bimonthly by the International Institute of Anticancer Research**
- **Available online only and open access with Stanford University HighWire Press**

● Selection of Recent Articles

Challenges in the Analysis of Outcomes for Surgical Compared to Radiotherapy Treatment of Prostate Cancer. S.M. GLASER, R. KALASH, D.R. BONGIORNI, M.S. ROBERTS, G.K. BALASUBRAMANI, B.L. JACOBS, S. BERIWAL, D.E. HERON, J.S. GREENBERGER (Duarte, CA; Pittsburgh, PA, USA)

Morphological Distinction of Histiocytic Sarcoma from Other Tumor Types in Bernese Mountain Dogs and Flatcoated Retrievers. S.A. ERICH, F. CONSTANTINO-CASAS, J.M. DOBSON, E. TESKE (Utrecht, The Netherlands; Cambridge, UK)

Tissue-directed Implantation Using Ultrasound Visualization for Development of Biologically Relevant Metastatic Tumor Xenografts. R.A. VAN NOORD, T. THOMAS, M. KROOK, S. CHUKKAPALLI, M.J. HOENERHOFF, J.R. DILLMAN, E.R. LAWLOR, V.P. OPIPARI, E.A. NEWMAN (Ann Arbor, MI, USA)

Re-evaluation of Culture Condition of PC12 and SH-SY5Y Cells Based on Growth Rate and Amino Acid Consumption. H. SAKAGAMI, R. SUZUKI, Y. SHIRATAKI, S. IWAMA, M. NAKAGAWA, H. SUZUKI, K. TANAKA, N. TAMURA, H. TAKESHIMA (Sakado, Japan)

Clinical Impact of Rest Dual-Energy Computed Tomography Myocardial Perfusion in Patients with Coronary Artery Disease. S. BAUMANN, *et al.* (Mannheim, Germany)

Effects of 2,3-Bis(4-hydroxyphenyl)-propionitrile on Induction of Polyovular Follicles in the Mouse Ovary. T. SATO, H. KIM, H. KAKUTA, T. IGUCHI (Yokohama, Japan)

Cell-cycle Checkpoints and Aneuploidy on the Path to Cancer. E.S. WENZEL, A.T.K. SINGH (Kenosha, WI, USA)

The Association of MMP-8 Genotypes with Pterygium. P.-S. HU, W.-S. CHANG, A.-K. CHOU, N.-Y. HSIA, Y.-W. HUNG, C.-W. LIN, C.-W. WU, C.-Y. HUANG, M.-F. WU, C.-H. LIAO, C.-W. TSAI, D.-T. BAU, C.-L. GONG (Changhua; Taichung; Taoyuan, Taiwan, ROC)

Profiling Neutrophil-to-Lymphocyte Ratio Changes in Response to Nucleoside Analog Therapy for Chronic Hepatitis B Infection. M. MARALLAG, A. PATEL, M. CHOI, M.N. WONG, A.B. SEETHARAM (Phoenix; Tempe, AZ, USA)

Comparison of the Grip Strength Using the Martin-Vigorimeter and the JAMAR-Dynamometer: Establishment of Normal Values. S. NEUMANN, S. KWISDA, C. KRETTEK, R. GAULKE (Hannover; Hamburg, Germany; Zurich, Switzerland)

Role for Neutrophil Extracellular Traps (NETs) and Platelet Aggregation in Early Sepsis-induced Hepatic Dysfunction. K. SAKURAI, T. MIYASHITA, *et al.* (Ishikawa, Japan; Baltimore, MD, USA)

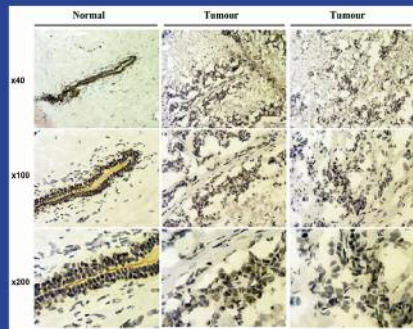
Netrin-4 Promotes Differentiation and Migration of Osteoblasts. Y. ENOKI, T. SATO, S. KOKABU, N. HAYASHI, T. IWATA, M. YAMATO, M. USUI, M. MATSUMOTO, T. TOMODA, W. ARIYOSHI, T. NISHIHARA, T. YODA (Saitama; Fukuoka; Tokyo, Japan)

Early PET-CT After Stereotactic Radiotherapy for Stage I Non-small-cell Lung Carcinoma Is Predictive of Local Control. M. TYRAN, N. CHARRIER, J. DARREON, A. MADROSZYK, A. TALLET, N. SALEM (Marseille, France)

Plasma Electrolytic Oxidation of Titanium Implant Surfaces: Microgroove-Structures Improve Cellular Adhesion and Viability. P. HARTJEN, A. HOFFMANN, A. HENNINGSSEN, M. BARBECK, A. KOPP, L. KLUWE, C. PRECHT, O. QUATELA, R. GAUDIN, M. HEILAND, R.E. FRIEDRICH, D. GRUBEANU, R. SMEETS, O. JUNG (Hamburg-Eppendorf; Idstein; Berlin; Aachen, Germany)

CANCER GENOMICS & PROTEOMICS

ISSN (online): 1790-6245



Published by the International Institute of Anticancer Research

Online ISSN: 1790-6245

General Policy

- **CANCER GENOMICS & PROTEOMICS (CGP)** welcomes submissions of original high quality articles and reviews on all aspects of the application of genomic and proteomic technologies to experimental and clinical cancer research. The journal's scientific spectrum includes: (a) molecular causes of carcinogenesis, cancer progression and metastasis; (b) structural and functional aspects of genes in the cancer cell; (c) advances in genomic and proteomic technologies applicable to cancer research; (d) anticancer drug design and drug development. A main aim of CGP is to ensure the prompt and confidential review, and rapid publication of original works and reviews, generally within 1-3 months from submission.
- CGP is published bimonthly by the **International Institute of Anticancer Research (IIAR)** and is available online only and open access with **Stanford University HighWire Press**. The IIAR is a member of UICC. For more information please visit our website www.cgp.iijournals.org.
- **Editorial Office:** International Institute of Anticancer Research, 1st km Kapandritiou-Kalamou Rd., P.O. Box 22, Kapandriti, Attiki 19014, Greece. Tel: +30 22950 52945, Fax: +30 22950 53389.
U.S. Branch: Anticancer Research Inc., USA, 111 Bay Avenue, Highlands, NJ, USA.
- **E-mail:** journals@iiar-anticancer.org; IIAR WEBSITES: www.iiar-anticancer.org and www.iijournals.org

● Selection of Recent Articles

The Role of micro RNAs in Breast Cancer Metastasis: Preclinical Validation and Potential Therapeutic Targets. U.H. WEIDLE, S. DICKOPF, C. HINTERMAIR, G. KOLLMORGEN, F. BIRZELE, U. BRINKMANN (*Penzberg; Munich, Germany; Basel, Switzerland*)

Transcriptomic Profiling of MDA-MB-231 Cells Exposed to *Boswellia Serrata* and 3-O-Acetyl-B-Boswellic Acid; ER/UPR Mediated Programmed Cell Death. M.A. ELIZABETH, L.A. CHARLES, SOLIMAN F.A. KARAM (*Tallahassee, FL, USA*)

Screening for Multiple Autoantibodies in Plasma of Patients with Breast Cancer. L. BASSARO, S.J. RUSSELL, E. PASTWA, S.A. SOMIARI, R.I. SOMIARI (*Johnstown; Windber, PA, USA*)

DHPLC elution Patterns of VDR PCR Products Can Predict Prostate Cancer Susceptibility in African American Men. R.L. COPELAND, D. BEYENE, V. APPREY, M.R. DAREMPOURAN, T.J. NAAB, O.O. KASSIM, Y.M. KANAAN (*Washington, DC, USA*)

Characterization of Camptothecin-induced Genomic Changes in the Camptothecin-resistant T-ALL Derived Cell Line CPT-K5. E. KJELDSEN, C.J.F. NIELSEN, A. ROY, C. TESAURO, A.-K. JAKOBSEN, M. STOUGAARD, B.R. KNUDSEN (*Aarhus, Denmark*)

Regulation of β -Catenin Phosphorylation by PR55 β in Adenoid Cystic Carcinoma. K. ISHIBASHI, K. ISHII, G. SUGIYAMA, Y. KAMATA, A. SUZUKI, W. KUMAMARU, Y. OHYAMA, H. NAKANO, T. KIYOSHIMA, T. SUMIDA, T. YAMADA, Y. MORI (*Fukuoka, Japan*)

Admixture Mapping Links RACGAP1 Regulation to Prostate Cancer in African Americans. B.D. WILSON, L.J. RICKS-SANTI, T.E. MASON, M. ABBAS, R.A. KITTLES, G.M. DUNSTON, Y.M. KANAAN (*Washington, DC; Hampton, VA; Duarte, CA, USA*)

Consistent Involvement of Chromosome 13 in Angiolipoma. I. PANAGOPOULOS, L. GORUNOVA, K. ANDERSEN, I. LOBMAIER, B. BJERKEHAGEN, S. HEIM (*Oslo, Norway*)

Analysis of K-Ras Interactions by Biotin Ligase Tagging. C. RITCHIE, A. MACK, L. HARPER, A. ALFADHLI, P.J.S. STORK, X. NAN, E. BARKLIS (*Portland, OR, USA*)

CYP3A4 Gene Is a Novel Biomarker for Predicting a Poor Prognosis in Hepatocellular Carcinoma. R. ASHIDA, Y. OKAMURA, K. OHSHIMA, Y. KAKUDA, K. UESAKA, T. SUGIURA, T. ITO, Y. YAMAMOTO, T. SUGINO, K. URAKAMI, M. KUSUHARA, K. YAMAGUCHI (*Shizuoka; Tokyo, Japan*)

Subscription Order Form 2018

- Please enter a Subscription to ANTICANCER RESEARCH Volume 38 (2018).
 Annual subscription rates (2018): Institutional, US\$ 1898.00 online, US\$ 2277.00 online & print; Personal, US\$ 897.00 online; US\$ 1277.00 online & print; Prices include rapid delivery and insurance.
 2018 online subscriptions include free online access to vol. 24 (2004) - 37 (2017).
- Please send me the following previous volumes (1-37) at 50% discount on the above rates:
- Please invoice.
- Please send me information about the International Institute of Anticancer Research (IIAR).

Name and Address:

.....

.

Tel:

Fax: e-mail:

Signature:..... Date:.....

Please send this order to ANTICANCER RESEARCH, Subscription Office, IIAR, 1st km Kapandritiou-Kalamou Rd., Kapandriti, P.O. Box 22, Attiki, 19014, Greece. Tel & Fax: +30-22950-53389, e-mail: subscriptions@iiar-anticancer.org

Special 2018 Offers to Authors of ANTICANCER RESEARCH

(These offers are open to all authors of articles published in Anticancer Research from 1981-2018 on a basis of priority and availability. Effective from January to December 2018).

- **Included in PubMed, Current Contents and all abstracting and indexing services**
- **Online with Stanford University HighWire Press**
- **Open access articles**



Your link to the essential information on cancer research published in the last 37 years.

- 1981-2017
- 37 volumes
- over 131,300 pages
- over 19,300 original articles
- 993 reviews
- over 90,000 authors
- Conference abstracts
- Special issues
- Book reviews
- Author-Subject Indexes
- Rapid publication
- No fees for language and style corrections

Please complete and send this order form to:
 ANTICANCER RESEARCH, International Institute of Anticancer Research,
 1st km Kapandritiou-Kalamou Rd., Kapandriti, P.O. Box 22, Attiki, 19014, Greece. e-mail: subscriptions@iiar-anticancer.org

Special Subscription Order Form 2018

- I am one of the authors of the article published in Anticancer Research Vol....., pp., year
- Please enter my personal subscription to Anticancer Research 2018 (Volume 38) at the special Author's rate of US\$ 465.00 (print or online).
- Please send me previous Volume No(s) at US\$ 224.00 (print) per volume.
- Please send me an invoice.
 Prices include rapid delivery and insurance.

Name and address:

.....

Tel-Fax:

e-mail:

Date and signature:

Portal Vein Embolization (PVE) <i>Versus</i> PVE with Haematopoietic Stem Cell Application in Patients with Primarily Non-resectable Colorectal Liver Metastases. V. TRESKA, J. FICHTL, J. LUDVIK, J. BRUHA, V. LISKA, I. TRESKOVA, R. KUCERA, O. TOPOLCAN, D. LYSAK, T. SKALICKY, J. FERDA (<i>Pilsen, Czech Republic</i>).....	5531
Impact of Primary Tumor Localization on the Efficacy of Bevacizumab in Metastatic Colorectal Cancer. F. JORDAN, N. GRUNDMANN, G. SCHENKIRSCH, B. MÄRKL, H. MESSMANN, M. ANTHUBER, C. SCHMID, M. TREPEL (<i>Augsburg; Hamburg, Germany</i>).....	5539
Synchronous Laryngeal Squamous Cell Carcinoma and Intrahepatic Cholangiocarcinoma Present in an Obese Male with Poor Prognosis. P. JIANG, L. GU, Y. ZHOU, Y. ZHAO, J. LAI (<i>Gainesville, FL; St. Louis, MO; Pittsburgh, PA, USA; Zhengzhou, PR China</i>)	5547
ABSTRACTS OF THE 2018 SUMMIT ON NATIONAL & GLOBAL CANCER HEALTH DISPARITIES, Current Challenges & Future Directions (<i>Seattle, WA, USA</i>).....	5551
Book Reviews.....	5563
Announcements	5566

Prediction of Response to Stereotactic Radiosurgery for Brain Metastases Using Convolutional Neural Networks. Y.J. CHA, W.I. JANG, M.-S. KIM, H.J. YOO, E.K. PAIK, H.K. JEONG, S.-M. YOUN (<i>Seoul; Daejeon, Republic of Korea</i>)	5437
Primary Tumor Score Based on Tumor Depth and Length Predicts Prognosis in Esophageal Squamous Cell Carcinoma. T. ARIGAMI, Y. UCHIKADO, I. OMOTO, K. SASAKI, Y. KITA, T. OWAKI, S. YANAGITA, S. MORI, H. KURAHARA, H. OKUMURA, K. MAEMURA, S. NATSUGOE (<i>Kagoshima, Japan</i>)	5447
Demographical Profile and Spectrum of Multiple Malignancies in Children and Adults with Neurocutaneous Disorders. A. MARJANSKA, A. JATCZAK-GACA, A. WOJTKIEWICZ, M. WYSOCKI, J. STYCZYNSKI (<i>Bydgoszcz, Poland</i>)	5453
Dynamic Contrast-enhanced Magnetic Resonance Imaging for Patients with Breast Cancer Receiving First-line Bevacizumab and Paclitaxel. K. NAKATSUKASA, Y. OUCHI, K. SAKAGUCHI, M. GOTO, E. KONISHI, T. TAGUCHI (<i>Kyoto, Japan</i>).....	5459
Clinicopathological Characteristics of Ovarian Metastasis from Colorectal and Pancreatobiliary Carcinomas Mimicking Primary Ovarian Mucinous Tumor. C.K. PARK, H.-S. KIM (<i>Seongnam; Seoul, Republic of Korea</i>)	5465
Tumor Size-driven Dose of Intraoperative Radiotherapy for Breast Cancer: 18 Gy Versus 21 Gy. E. BONZANO, L. BELGIOIA, P. FREGATTI, D. FRIEDMAN, S. AGOSTINELLI, F. CAVAGNETTO, M. BEVEGNI, R. CORVÒ, M. GUENZI (<i>Genoa, Italy</i>).....	5475
Recurrence Rates and Characteristics of Phyllodes Tumors Diagnosed by Ultrasound-guided Vacuum-assisted Breast Biopsy (VABB). H.-L. PARK, Y.C. PYO, K.Y. KIM, J.S. PARK, J.-E. SHIN, H.-R. KIM, B. YANG, J.-Y. KIM, J.Y. SHIM, E.-A. SHIN, S.-M. NOH (<i>Seoul, Republic of Korea</i>)	5481
TTF-1 Expression Predicts the Merit of Additional Antiangiogenic Treatment in Non-squamous Non-small Cell Lung Cancer. A. TAKEUCHI, T. OGURI, Y. YAMASHITA, K. SONE, S. FUKUDA, O. TAKAKUWA, T. UEMURA, K. MAENO, K. FUKUMITSU, Y. KANEMITSU, H. OHKUBO, M. TAKEMURA, Y. ITO, A. NIIMI (<i>Nagoya, Japan</i>).....	5489
The Combination of Neutrophil-to-lymphocyte Ratio and Serum Carbohydrate Antigen 19-9 Level as a Prognostic Indicator in Patients with Recurrent Pancreatic Cancer. T. SAKAMOTO, H. SAITO, E. UCHINAKA, M. MORIMOTO, M. AMISAKI, N. TOKUYASU, S. HONJO, K. ASHIDA, Y. FUJIWARA (<i>Yonago, Japan</i>)	5497
The Radiological Differentiation of Hypervascular Intrahepatic Cholangiocarcinoma from Hepatocellular Carcinoma with a Focus on the CT Value on Multi-phase Enhanced CT. S. SANO, Y. YAMAMOTO, T. SUGIURA, Y. OKAMURA, T. ITO, R. ASHIDA, K. OHGI, T. ARAMAKI, Y. NAKANUMA, K. UESAKA (<i>Shizuoka, Japan</i>).....	5505
Serum Asunaprevir and Daclatasvir Concentrations and Outcomes in Patients with Recurrent Hepatitis C Who Have Undergone Living Donor Liver Transplantation. N. HARADA, T. YOSHIKAZUMI, T. IKEGAMI, S. ITOH, N. FURUSHO, M. KATO, S. SHIMODA, T. FUKUHARA, Y. SOEJIMA, Y. MAEHARA (<i>Fukuoka; Osaka, Japan</i>).....	5513
Iterative Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy for Recurrent Peritoneal Metastases. A. SOMMARIVA, M. TONELLO, C. CONA, P. PILATI, C.R. ROSSI (<i>Padua, Italy</i>)	5521
A Combination of Findings Obtained from Pre- and Postoperative Imaging Predict Recovery of Urinary Continence After Non-nerve-sparing Laparoscopic Radical Prostatectomy. T. ONISHI, S. SEKITO, T. TERABE, T. SHIBAHARA (<i>Ise, Japan</i>)	5525

Serum Carcinoembryonic Antigen Levels Before the First Curative Hepatectomy for Metastatic Colorectal Cancer Is a Predictor of Recurrence. H. KAWAHARA, S. YOSHIDA, Y. TOHYAMA, S. YANAGISAWA, T. MISAWA, K. YANAGA (<i>Chiba; Tokyo, Japan</i>)	5351
Evaluation of the Prognostic Stage in the 8th Edition of the American Joint Committee on Cancer in Patients with Breast Cancer and Internal Mammary Lymph Node Metastasis. J.H. JOO, S.S. KIM, B.H. SON, S.D. AHN, J.H. JUNG, E.K. CHOI, S.H. AHN, J.W. LEE, H.J. KIM, B.S. KO (<i>Suwon; Seoul, Republic of Korea</i>)	5357
Complete Remission and Long-time Survival (17 years) of a Patient with a Diffuse Large B-cell Lymphoma Under <i>Viscum album</i> Extracts After Resistance to R-CHOP: A Case Report. J. GUTSCH, P.G. WERTHMANN, A. ROSENWALD, G.S. KIENLE (<i>Herdecke; Freiburg; Würzburg, Germany</i>)	5363
Role of Neoadjuvant Radio-chemotherapy for the Treatment of High Rectal Cancer. M. TREDER, S. JANSSEN, N.H. HOLLÄNDER, S.E. SCHILD, D. RADES (<i>Lübeck; Hannover, Germany; Naestved, Denmark; Scottsdale, AZ, USA</i>)	5371
Clinicopathological Stratification and Long-term Follow-up of Patients with Periampullary Carcinomas. R.B. SCHMUCK, C. BROKAT, A. ANDREOU, M. FELSENSTEIN, F. KLEIN, B. SINN, J. PRATSCHKE, M. BAHRA (<i>Berlin, Germany; Baltimore, MD, USA</i>)	5379
Efficacy of Axitinib as Second-line Treatment in Locally Advanced and Metastatic Renal Cell Carcinoma. K. UEDA, S. SUEKANE, T. HIRANO, N. OGASAWARA, K. CHIKUI, K. UEMURA, M. NAKIRI, K. NISHIHARA, M. MATSUO, T. IGAWA (<i>Kurume, Japan</i>)	5387
Predicting Response to Standard First-line Treatment in High-grade Serous Ovarian Carcinoma by Angiogenesis-related Genes. M. MENDIOLA, A. REDONDO, V. HEREDIA-SOTO, J. HERRANZ, A. BERJÓN, A. HERNÁNDEZ, M. MIGUEL-MARTÍN, R. CRESPO, J. BARRIUSO, P. CRUZ, L. YÉBENES, A. PELÁEZ-GARCÍA, B. CASTELO, A. RAMÍREZ DE MOLINA, J. FELIU, D. HARDISSON (<i>Madrid, Spain; Manchester, UK</i>)	5393
Image-guided Interstitial Brachytherapy in the Management of Metastasized Anal Squamous Cell Carcinoma. C. HEINZE, J. OMARI, M. OTHMER, P. HASS, M. SEIDENSTICKER, R. DAMM, J. RICKE, M. PECH, M.J. POWERSKI (<i>Magdeburg; Munich, Germany; Gdansk, Poland</i>)	5401
Real Clinical Practice of Using Afatinib Therapy in NSCLC Patients with an Acquired <i>EGFR</i> T790M Mutation. K. MIYAZAKI, T. TAMURA, T. KABURAGI, K. SAITO, M. INAGAKI, T. YAMASHITA, H. ICHIMURA, T. NAWA, T. ENDO, K. HAYASHIHARA, M. KIMURA, K. KURISHIMA, H. NAKAMURA, K. FURUKAWA, N. KIKUCHI, H. SATOH, N. HIZAWA (<i>Ryugasaki; Kasama; Tsuchiura; Toride; Hitachi; Mito; Tokai; Tsukuba; Ami-machi, Japan</i>)	5409
Cholecystectomy Patients with High Plasma Level of Catalase Have Significantly Lower Analgesia Requirement: A Prospective Study of Two Different Cholecystectomy Techniques with Special Reference to Patients with Cancer. I. SAIMANEN, V. KUOSMANEN, J. KÄRKKÄINEN, T. SELANDER, S. ASPINEN, A. HOLOPAINEN, T. RANTANEN, M. ESKELINEN (<i>Kuopio, Finland</i>)	5417
Single-centre Experience of Use of Radium 223 with Clinical Outcomes Based on Number of Cycles and Bone Marrow Toxicity. S. DADHANIA, R. ALONZI, S. DOUGLAS, A. GOGBASHIAN, R. HUGHES, D. DALILI, N. VASDEV, J. ADSHEAD, T. LANE, C. WESTBURY, N. ANYAMENE, P. OSTLER, P. HOSKIN, A. SHARMA (<i>Northwood; Stevenage, UK</i>)	5423
Outcome of Patients with Metastatic Castration-resistant Prostate Cancer After PSA Progression with Abiraterone Acetate. S.-C. HUNG, S.-S. WANG, J.-R. LI, M.-C. CHEN, C.-K. YANG, C.-S. CHEN, H.-C. HO, K.-Y. CHIU, C.-L. CHENG, C.-H. CHANG, Y.-C. OU (<i>Taichung; Nantou, Taiwan, ROC</i>)	5429

Screening Patients with Esophageal Cancer to Determine Eligibility for Adjuvant Treatment Trials. T.A. HEJLEH, L. ABUSHAHIN, J. KEECH, B.G. ALLEN, K.R. PAREKH, M. FURQAN, M. IANNETTONI, G.K.D. ZAMBA, S.L. MOTT, G. CLAMON (<i>Iowa City, IA; Greenville, NC, USA; Amman, Jordan</i>)	5247
Radiation Therapy for Positive Surgical Margins in Women ≥ 70 Years with Stage I, Estrogen Receptor-positive Breast Cancer. M. ZHOU, P. PEDDI, Q.D. CHU (<i>New Orleans; Shreveport, LA, USA</i>)	5253
Prophylactic Cranial Irradiation for Patients with Small Cell Lung Cancer in Germany: Pattern of Care Survey. C. EZE, O. ROENGVORAPHOJ, M. DANTES, R. ABDO, L. KÄSMANN, N. SCHMIDT-HEGEMANN, C. BELKA, F. MANAPOV (<i>Munich, Germany</i>)	5261
Neoadjuvant Chemotherapy with Docetaxel, Cisplatin and S-1 for Resectable Advanced Esophageal Cancer. K. HAYATA, T. OJIMA, M. NAKAMORI, M. NAKAMURA, M. KATSUDA, J. KITADANI, A. TAKEUCHI, H. TABATA, S. MARUOKA, H. YAMAUE (<i>Wakayama, Japan</i>)	5267
Synovial Sarcoma of the Thyroid Gland, Diagnostic Pitfalls and Clinical Management. C. OWEN, A. CONSTANTINIDOU, A.B. MIAH, K. THWAY, C. FISHER, C. BENSON, S. ZAIDI, C. MESSIOU, W.T.A. VAN DER GRAAF, R.L. JONES (<i>London, UK; Nicosia, Cyprus</i>)	5275
Influence of Sorafenib, Sunitinib and Capecitabine on the Antioxidant Status of the Skin. H. FUSS, J. LADEMANN, S. JUNG (<i>Bad Saarow; Berlin, Germany</i>)	5283
Significance of Additional Gastrectomy Including Endoscopic Submucosal Dissection Scar for Gastric Cancer. R. ISHIDA, S. KANAJI, R. MAEHARA, H. HASEGAWA, M. YAMAMOTO, Y. MATSUDA, K. YAMASHITA, T. MATSUDA, T. OSHIKIRI, Y. SUMI, T. NAKAMURA, S. SUZUKI, Y. KAKEJI (<i>Kobe, Japan</i>)	5289
Radiological Features of IDO1 ⁺ /PDL1 ⁺ Lung Adenocarcinoma: A Retrospective Single-institution Study. K. TAKADA, G. TOYOKAWA, T. TAGAWA, M. SHIMOKAWA, K. KOHASHI, A. HARO, A. OSOEGAWA, Y. ODA, Y. MAEHARA (<i>Fukuoka, Japan</i>)	5295
Evaluation of Periodontal Space Widening in Patients with Antiresorptive Drug-related Osteonecrosis of the Jaws (ARONJ) on Panoramic Radiographs. A.T. ASSAF, V. AMBERG, R. SMEETS, J. WIKNER, H. HANKEN, J. SEMMUSCH, F. EWALD, A. RASHAD, R.E. FRIEDRICH (<i>Hamburg, Germany</i>)	5305
Are Non-dysplastic Crypts with Corrupted Shapes the Initial Recordable Histological Event in the Development of Sporadic Conventional Adenomas? C.A. RUBIO, P.T. SCHMIDT (<i>Stockholm, Sweden</i>)	5315
Fibrinogen and Neutrophil-to-lymphocyte Ratio Predicts Survival in Patients with Advanced Hypopharyngeal Squamous Cell Carcinoma. T. KUWAHARA, H. TAKAHASHI, D. SANO, M. MATSUOKA, H. HYAKUSOKU, T. HATANO, Y. HIIRAGI, N. ORIDATE (<i>Kanagawa, Japan</i>)	5321
Preoperative Low Weight Affects Long-term Outcomes Following Curative Gastrectomy for Gastric Cancer. S. KOMATSU, T. KOSUGA, T. KUBOTA, K. OKAMOTO, H. KONISHI, A. SHIOZAKI, H. FUJIWARA, E. OTSUJI (<i>Kyoto, Japan</i>)	5331
The Impact of Local Intervention Combined with Targeted Therapy on Metastatic Renal Cell Carcinoma. J.-R. LI, Y.-C. OU, C.-K. YANG, S.-S. WANG, C.-S. CHEN, H. HO, C.-L. CHENG, C.-R. YANG, C.-C. CHEN, S.-C. WANG, C.-Y. LIN, S.-C. HUNG, C.-Y. HSU, K.-Y. CHIU (<i>Taichung; Nantou, Taiwan, ROC</i>)	5339
Impact of Lymph Node Yield on Outcome of Patients with Head and Neck Cancer and pN0 Neck. S. MERZ, N. TIMMESFELD, B.A. STUCK, S. WIEGAND (<i>Marburg; Leipzig, Germany</i>)	5347

Differential Mechanism of Action of 3,4',7-O-trimethylquercetin in Three Types of Ovarian Cancer Cells. A.H.M.Z. ASHRAF, S.H. AFROZE, K. YAMAUCHI, D.C. ZAWIEJA, T.J. KEUHL, L. WEISER ERLANDSON, M.N. UDDIN (<i>Killeen; Temple, TX, USA; Gifu, Japan</i>)	5131
Extracellular Vesicles Derived from Hypoxic Colorectal Cancer Cells Confer Metastatic Phenotype to Non-metastatic Cancer Cells. E. ENDZELIŃŠ, A. ĀBOLS, A. BUŠŠ, E. ZANDBERGA, M. PALVIAINEN, P. SILJANDER, A. LINĒ (<i>Riga, Latvia; Helsinki, Finland</i>)	5139
Aging-related Repositioned Drugs, Donepezil and Sildenafil Citrate, Increase Apoptosis of Anti-mitotic Drug-resistant KBV20C Cells Through Different Molecular Mechanisms. J.Y. KIM, J.Y. SON, B.-M. LEE, H.S. KIM, S. YOON (<i>Suwon, Republic of Korea</i>)	5149
Association of Matrix Metalloproteinase-8 Genotypes with the Risk of Bladder Cancer. T.-H. TSAI, Y.-M. WANG, W.-S. CHANG, C.-W. TSAI, H.-C. WU, H.-M. HSU, Y.-C. WANG, H.-T. LI, C.-L. GONG, D.-T. BAU, C.-Y. LI (<i>Taichung, Taiwan, ROC</i>)	5159
Benzyl Isothiocyanate Induces Apoptotic Cell Death Through Mitochondria-dependent Pathway in Gefitinib-resistant NCI-H460 Human Lung Cancer Cells <i>In Vitro</i> . Y.-P. HUANG, Y.-W. JIANG, H.-Y. CHEN, Y.-T. HSIAO, S.-F. PENG, Y.-C. CHOU, J.-L. YANG, T.-C. HSIA, J.-G. CHUNG (<i>Taichung; Taipei, Taiwan, ROC</i>)	5165
SNX-2112 Induces Apoptosis and Autophagy of Nara-H Cells. N. FUKUOKA, O. NAKAMURA, Y. YAMAGAMI, H. NISHIMURA, Y. ISHIBASHI, T. YAMAMOTO (<i>Kagawa, Japan</i>)	5177
Cell Subpopulations Overexpressing p75NTR Have Tumor-initiating Properties in the C6 Glioma Cell Line. W.-H. YANG, C.-Y. CHENG, M.-F. CHEN, T.-C. WANG (<i>Chiayi; Taoyuan, Taiwan, ROC</i>)	5183
Potential Oncogenic Role and Prognostic Implication of MicroRNA-155-5p in Oral Squamous Cell Carcinoma. H. KIM, J.M. YANG, S.-H. AHN, W.-J. JEONG, J.-H. CHUNG, J.H. PAIK (<i>Seongnam; Seoul, Republic of Korea</i>) ...	5193
Fluoxetine Inhibits DNA Repair and NF-κB-modulated Metastatic Potential in Non-small Cell Lung Cancer. J.-Y. WU, S.-S. LIN, F.-T. HSU, J.-G. CHUNG (<i>Taichung; Hualien, Taiwan, ROC</i>)	5201
Biomarkers of Oxidative Stress Associated with the Risk of Potentially Malignant Oral Disorders. T. SENGHORE, Y.-F. LI, F.-C. SUNG, M.-H. TSAI, C.-H. HUA, C.-S. LIU, R.-J. HUANG, C.-C. YEH (<i>Taipei; Taichung, Taiwan, ROC; Banjul, Gambia</i>)	5211
Shift of Keratin Expression Profile in End-stage Kidney Increases the Risk of Tumor Development. D.P. SARLOS, L. PETERFI, A. SZANTO, G. KOVACS (<i>Pecs, Hungary; Heidelberg, Germany</i>)	5217
Studies of Correlations Between Single Nucleotide Polymorphisms of DNA Repair Genes and Endometrial Cancer in Polish Women. B. SMOLARZ, M.M. MICHALSKA, D. SAMULAK, L. WÓJCIK, H. ROMANOWICZ (<i>Lodz; Kalisz; Poznan, Poland</i>)	5223

Clinical Studies

Efficacy and Safety Data of Osimertinib in Elderly Patients with NSCLC Who Harbor the <i>EGFR</i> T790M Mutation After Failure of Initial <i>EGFR</i> -TKI Treatment. H. FURUTA, T. UEMURA, T. YOSHIDA, M. KOBARA, T. YAMAGUCHI, N. WATANABE, J. SHIMIZU, Y. HORIO, H. KURODA, Y. SAKAO, Y. YATABE, T. HIDA (<i>Nagoya, Japan</i>)	5231
Impact of Interval Between Neoadjuvant Chemoradiation and Surgery Upon Morbidity and Survival of Patients with Squamous Cell Carcinoma of Thoracic Esophagus. T. FURUKAWA, Y. HAMAI, J. HIHARA, M. EMI, I. YAMAKITA, Y. IBUKI, T. KUROKAWA, M. OKADA (<i>Hiroshima, Japan</i>)	5239

Identification of a Novel MicroRNA Panel Associated with Metastasis Following Radical Prostatectomy for Prostate Cancer. R.K. NAM, C.J.D. WALLIS, Y. AMEMIYA, T. BENATAR, A. SETH (<i>Toronto, Canada</i>)	5027
Establishment and Characterization of a Novel Human Clear-cell Sarcoma of Soft-tissue Cell Line, RSAR001, Derived from Pleural Effusion of a Patient with Pleural Dissemination. M. HAKOZAKI, H. TAMURA, Y. DOBASHI, A. YOSHIDA, K. KATO, T. TAJINO, H. YAMADA, Y. KANEUCHI, K. KATAHIRA, J. EZAKI, S. WAGURI, S. KONNO, S. WATANABE (<i>Fukushima; Okayama; Saitama, Japan</i>)	5035
Effect of Vitamin D on Paclitaxel Efficacy in Triple-negative Breast Cancer Cell Lines. C.A. WILHELM, Z.J. CLOR, J.L. KELTS (<i>Flint, MI, USA</i>).....	5043
Novel Human NK Cell Line Carrying CAR Targeting EGFRvIII Induces Antitumor Effects in Glioblastoma Cells. T. MURAKAMI, T. NAKAZAWA, A. NATSUME, F. NISHIMURA, M. NAKAMURA, R. MATSUDA, K. OMOTO, Y. TANAKA, Y. SHIDA, Y.-S. PARK, Y. MOTOYAMA, I. NAKAGAWA, S. YAMADA, K. TAMURA, Y. TAKESHIMA, Y. TAKAMURA, T. WAKABAYASHI, H. NAKASE (<i>Kashihara; Nagoya, Japan</i>)	5049
Implication of BIS in the Migration and Invasion of A549 Non-small Cell Lung Cancer Cells. J. LEE, H.H. YUN, S. KIM, S.H. JI, H.-J. KUH, J.-H. LEE (<i>Seoul, Republic of Korea</i>)	5057
The Auricular VX2 Carcinoma Is a Suitable Animal Model for Identifying Biomarkers for HNSCC Therapy Response. M. BETTE, A. NOWAK-ROSSMANN, R. MANDIC (<i>Marburg, Germany</i>)	5067
<i>Trichomonas Vaginalis</i> Inhibits HeLa Cell Growth Through Modulation of Critical Molecules for Cell Proliferation and Apoptosis. Z. ZHU, L. ZHAO, A. BRITTINGHAM, Q. BAI, M.R. WAKEFIELD, Y. FANG (<i>Des Moines, IA; Columbia, MO, USA; Hefei, PR China</i>)	5079
The Plasma Levels of the Angiogenic Cytokine Endocan Are Elevated in Patients with Multiple Myeloma. N. STEINER, R. HAJEK, S. SEVCIKOVA, B. BORJAN, G. UNTERGASSER, G. GÖBEL, E. GUNSILIUS (<i>Innsbruck, Austria; Ostrava; Brno, Czech Republic</i>)	5087
AS602801, an Anti-Cancer Stem Cell Drug Candidate, Suppresses Gap-junction Communication Between Lung Cancer Stem Cells and Astrocytes. K. KURAMOTO, M. YAMAMOTO, S. SUZUKI, T. SANOMACHI, K. TOGASHI, S. SEINO, C. KITANAKA, M. OKADA (<i>Yamagata, Japan</i>)	5093
Low Doses of the Anti-psychotic Drug Aripiprazole Have Strong P-gp-inhibitory Activity and Sensitize Antimitotic Drug-resistant Cancer Cells. J.Y. KIM, I.H. TAE, B.-M. LEE, H.S. KIM, S. YOON (<i>Suwon, Republic of Korea</i>).....	5101
Inhibition of Human Neuroblastoma Cell Proliferation by N-acetyl-L-cysteine as a Result of Increased Sulfane Sulfur Level. H. JURKOWSKA, M. WRÓBEL (<i>Krakow, Poland</i>).....	5109
Antiproliferative and Apoptotic Role of Novel Synthesized Cu(II) Complex with 3-(3-(4-fluorophenyl)Triaz-1-en-1-yl) Benzenesulfonamide in Common Cancer Models. Y. TULUCE, G. GORGISEN, I.M. GULACAR, I. KOYUNCU, M. DURGUN, S. AKOCAK, H. OZKOL, Z. KAYA (<i>Van; Sanliurfa; Adiyaman, Turkey</i>)	5115
Seminal Cell Free DNA Concentration Levels Discriminate Between Prostate Cancer and Benign Prostatic Hyperplasia. G. PONTI, M. MACCAFERRI, S. MICALI, M. MANFREDINI, R. MILANDRI, G. BIANCHI, G. PELLACANI, S. KALECI, J. CHESTER, A. CONTI, C. DEL PRETE, A. TOMASI (<i>Modena, Italy</i>)	5121
Prognostic Value of Serum Creatinine Levels in Patients with Epithelial Ovarian Cancer. J. LAFLEUR, K. HEFLER-FRISCHMUTH, C. GRIMM, R. SCHWAMEIS, L. GENSTHALER, E. REISER, L.A. HEFLER (<i>Linz; Vienna, Austria</i>)	5127