

## 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 Manuscripts will be accepted on the understanding that they report original unpublished works in the field of cancer research that are not under consideration for publication by another journal, and that they will not be published again in the same form.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](http://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](mailto: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.

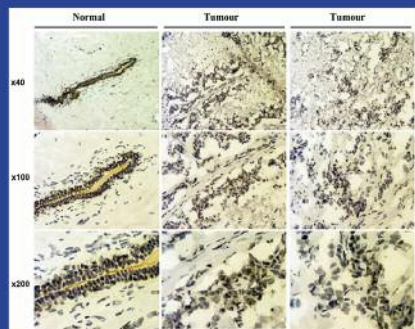
5. All accepted manuscripts are peer-reviewed and carefully corrected in style and language, if necessary, to make presentation clear. (There is no fee for this service). Every effort is made (a) to maintain the personal style of the author's writing and (b) to avoid change of meaning. Authors will be 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.

# 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.iiarjournals.org](http://www.cgp.iiarjournals.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](mailto:journals@iiar-anticancer.org); IIAR WEBSITES: [www.iiar-anticancer.org](http://www.iiar-anticancer.org) and [www.iiarjournals.org](http://www.iiarjournals.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  $\beta$ -Catenin Phosphorylation by PR55 $\beta$  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*)

Tandem Affinity Purification and Nano HPLC-ESI-MS/MS Reveal Binding of Vitamin D Receptor to p53 and Other New Interaction Partners in HEK 293T Cells. A. PEMSEL, S. RUMPF, K. ROEMER, K. HEYNE, T. VOGT, J. REICHRATH ( <i>Homburg, Germany</i> ) .....	1209
Partial Body UV Exposure in Chronic Kidney Disease and Extrarenal Vitamin D Metabolism. R. KRAUSE, R. STANGE, H.J. ROTH, H. KAASE, A. MICHALSEN, M.F. HOLICK ( <i>Berlin; Neu-Isenburg; Heidelberg, Germany; Boston, MA, USA</i> ).....	1217

Intensity and Pattern of Enhancement on CESM: Prognostic Significance and its Relation to Expression of Podoplanin in Tumor Stroma – A Preliminary Report. E. LUCZYNSKA, J. NIEMIEC, S. HEINZE, A. ADAMCZYK, A. AMBICKA, P. MARCYNIAK, W. RUDNICKI, J.W. MITUS, S. DYCZEK, J. RYS, B. SAS-KORCZYNSKA ( <i>Cracow, Poland</i> ).....	1085
Fibrinogen Levels Are Associated with Lymph Node Involvement and Overall Survival in Gastric Cancer Patients. J. PALAJ, Š. KEČKÉŠ, V. MAREK, D. DYTERT, I. WACZULÍKOVÁ, ŠTEFAN DURDÍK ( <i>Bratislava, Slovak Republic</i> ) .....	1097
Is Ki-67 of Diagnostic Value in Distinguishing Between Partial and Complete Hydatidiform Moles? A Systematic Review and Meta-analysis. Y. ZHAO, G.-W. XIONG, X.-W. ZHANG, B. HANG ( <i>Beijing; Chongqing, PR China; Berkeley, CA, USA</i> ).....	1105
<b>Proceedings of the Joint International Symposium “Vitamin D in Prevention and Therapy” and “Biologic Effects of Light”, June 21-23, 2017 (Homburg/Saar, Germany)</b>	
Review: A Critical Appraisal of the Recent Reports on Sunbeds from the European Commission’s Scientific Committee on Health, Environmental and Emerging Risks and from the World Health Organization. J. REICHRATH, P.G. LINDQVIST, F.R. DE GRUIJL, S. PILZ, S.M. KIMBALL, W.B. GRANT, M.F. HOLICK ( <i>Homburg, Germany; Huddinge, Sweden; Leiden; Amsterdam, the Netherlands; Graz, Austria; Calgary, Canada; San Francisco, CA; Boston, MA, USA</i> ) .....	1111
Review: A Review of the Evidence Supporting the Vitamin D-Cancer Prevention Hypothesis in 2017. W.B. GRANT ( <i>San Francisco, CA, USA</i> ).....	1121
Review: Analytical Methods for Quantification of Vitamin D and Implications for Research and Clinical Practice. C.S. STOKES, F. LAMMERT, D.A. VOLMER ( <i>Homburg; Saarbrücken, Germany</i> ) .....	1137
Review: Vitamin D: Current Guidelines and Future Outlook. S. PILZ, C. TRUMMER, M. PANDIS, V. SCHWETZ, F. ABERER, M. GRÜBLER, N. VERHEYEN, A. TOMASCHITZ, W. MÄRZ ( <i>Graz; Bad Gleichenberg, Austria; Bern, Switzerland; Mannheim, Germany</i> ) .....	1145
Review: Photocarcinogenesis and Skin Cancer Prevention Strategies: An Update. M.C. MARTENS, C. SEEBODE, J. LEHMANN, S. EMMERT ( <i>Rostock, Germany</i> ) .....	1153
Review: Xeroderma Pigmentosum – Facts and Perspectives. J. LEHMANN, C. SEEBODE, M.C. MARTENS, S. EMMERT ( <i>Rostock, Germany</i> ).....	1159
Review: The Impact of UV-dose, Body Surface Area Exposed and Other Factors on Cutaneous Vitamin D Synthesis Measured as Serum 25(OH)D Concentration: Systematic Review and Meta-analysis. N. JAGER, J. SCHÖPE, S. WAGENPFEIL, P. BOCIONEK, R. SATERNUS, T. VOGT, J. REICHRATH ( <i>Homburg; Stuttgart, Germany</i> ).....	1165
Review: The Winding Path Towards an Inverse Relationship Between Sun Exposure and All-cause Mortality. P.G. LINDQVIST ( <i>Stockholm, Sweden</i> ).....	1173
Review: Vitamin D Status, Supplementation and Cardiovascular Disease. A. ZITTERMANN ( <i>Bad Oeynhausen, Germany</i> ) .....	1179
Review: Solarium Use and Risk for Malignant Melanoma: Meta-analysis and Evidence-based Medicine Systematic Review. B. BURGARD, J. SCHÖPE, I. HOLZSCHUH, C. SCHIEKOFER, S. REICHRATH, W. STEFAN, S. PILZ, J. ORDONEZ-MENA, W. MÄRZ, T. VOGT, J. REICHRATH ( <i>Homburg; Heidelberg; Mannheim, Germany; Amsterdam, the Netherlands; Graz, Austria; Oxford, UK</i> ) .....	1187
Effects of Combined Treatment with Vitamin D and COX2 Inhibitors on Breast Cancer Cell Lines. M. FRIEDRICH, K. REICHERT, A. WOESTE, S. POLACK, D. FISCHER, F. HOELLEN, A. RODY, F. KÖSTER, M. THILL ( <i>Krefeld; Lübeck; Frankfurt am Main, Germany</i> ).....	1201

Protrusion on the Depressed Surface of Non-polypoid T1 Colorectal Cancer Is Associated with Venous Invasion. T. SHINAGAWA, K. HATA, T. MORIKAWA, H. TAKIYAMA, K. OTANI, T. NISHIKAWA, T. TANAKA, T. KIYOMATSU, K. KAWAI, H. NOZAWA, S. ISHIHARA, H. NAKAMURA, M. FUKAYAMA, T. WATANABE ( <i>Tokyo, Japan</i> ) .....	993
Patients with Increased Levels of the Oxidative Stress Biomarker SOD1 Appear to Have Diminished Postoperative Pain After Midline Laparotomy: A Randomised Trial with Special Reference to Postoperative Pain Score (NRS). J. KÄRKKÄINEN, T. SELANDER, M. PURDY, P. JUVONEN, M. ESKELINEN ( <i>Kuopio, Finland</i> ).....	1003
Comparison of Two Radiotherapy Regimens for Metastatic Spinal Cord Compression: Subgroup Analyses from a Randomized Trial. D. RADES, A.J. CONDE-MORENO, J. CACICEDO, B. ŠEGEDIN, K. STANIC, M. METZ, V. RUDAT, S.E. SCHILD ( <i>Lübeck, Germany; Castellón; Barakaldo, Spain; Ljubljana, Slovenia; Würzburg, Germany; Al-Khobar, Kingdom of Saudi Arabia; Scottsdale, AZ, USA</i> ) .....	1009
Effects of Neoadjuvant 5-Fluorouracil and Cisplatin Therapy in Patients with Clinical Stage II/III Esophageal Squamous Cell Carcinoma. H. KONISHI, H. FUJIWARA, A. SHIOZAKI, K. SHODA, T. KOSUGA, T. KUBOTA, K. OKAMOTO, E. OTSUJI ( <i>Kyoto, Japan</i> ) .....	1017
Efficacy and Safety of Drug Eluting Bead TACE with Microspheres <150 µm for the Treatment of Hepatocellular Carcinoma. T. SATTLER, C. BREDT, S. SURWALD, C. RUST, J. RIEGER, T. JAKOBS ( <i>Munich, Germany</i> ).....	1025
Radiation Therapy for Patients with Bone Metastasis from Uterine Cervical Cancer: Its Role and Optimal Radiation Regimen for Palliative Care. M. HATA, I. KOIKE, E. MIYAGI, M. ASAI-SATO, H. KAIZU, Y. MUKAI, S. TAKANO, E. ITO, M. SUGIURA, T. INOUE ( <i>Yokohama, Japan</i> ).....	1033
Which Primary Organ Is Most Suitable for Performing Pulmonary Metastasectomy? F. HIRAI, I. KINOSHITA, T. MATSUBARA, N. HARATAKE, Y. KOUZUMA, S. TAKAMORI, T. AKAMINE, G. TOYOKAWA, T. TAGAWA, M. TAKENOYAMA, Y. MAEHARA ( <i>Fukuoka, Japan</i> ).....	1041
Long-term Favorable Outcomes of Radiofrequency Ablation for Hepatocellular Carcinoma as an Initial Treatment: A Single-center Experience Over a 10-Year Period. M. TSUKAMOTO, Y.-I. YAMASHITA, K. IMAI, N. UMEZAKI, T. YAMAO, T. KAIDA, K. MIMA, S. NAKAGAWA, D. HASHIMOTO, A. CHIKAMOTO, T. ISHIKO, H. BABA ( <i>Kumamoto, Japan</i> ) .....	1047
Microvascular Invasion in Small-sized Hepatocellular Carcinoma: Significance for Outcomes Following Hepatectomy and Radiofrequency Ablation. K. IMAI, Y.-I. YAMASHITA, T. YUSA, Y. NAKAO, R. ITOYAMA, S. NAKAGAWA, H. OKABE, A. CHIKAMOTO, T. ISHIKO, H. BABA ( <i>Kumamoto, Japan</i> ).....	1053
Visceral Adipose Tissue and Skeletal Muscle Index Distribution Predicts Severe Pancreatic Fistula Development After Pancreaticoduodenectomy. H. YAMANE, T. ABE, H. AMANO, K. HANADA, T. MINAMI, T. KOBAYASHI, T. FUKUDA, S. YONEHARA, M. NAKAHARA, H. OHDAN, T. NORIYUKI ( <i>Onomichi; Hiroshima, Japan</i> ) .....	1061
Associations Between PET Textural Features and GLUT1 Expression, and the Prognostic Significance of Textural Features in Lung Adenocarcinoma. Y.W. KOH, S.Y. PARK, S.H. HYUN, S.J. LEE ( <i>Suwon; Seoul, Republic of Korea</i> ) .....	1067
Circulating Tumor Cells Accurately Predicting Progressive Disease After Treatment in a Patient with Non-small Cell Lung Cancer Showing Response on Scans. C.E. HORTON, M. KAMAL, M. LESLIE, R. ZHANG, T. TANAKA, M. RAZAQ ( <i>Oklahoma City, OK, USA</i> ) .....	1073
Association Between Clinicopathological Features and Programmed Death Ligand 1 Expression in Non-small Cell Lung Cancer. Y. KATO, J. KASHIMA, K. WATANABE, M. YOMOTA, Y. ZENKE, Y. OKUMA, Y. HOSOMI, A. GEMMA, M. SEIKE, T. OKAMURA ( <i>Tokyo, Japan</i> ) .....	1077



Does Patient-reported Dyspnea Reflect Thoracic Disease Characteristics in Patients with Incurable Cancer? C. NIEDER, T.A. KÄMPE, K. ENGLJÄHRINGER ( <i>Bodø; Tromsø, Norway</i> ) .....	901
Phase II Study of S-1 plus Trastuzumab for HER2-positive Metastatic Breast Cancer (GBCCSG-01). T. FUJII, J. HORIGUCHI, Y. YANAGITA, Y. KOIBUCHI, F. IKEDA, N. UCHIDA, M. KIMURA; GUNMA BREAST CLINICAL CONFERENCE STUDY GROUP (GBCCSG) ( <i>Gunma; Chiba, Japan</i> ).....	905
Adverse Prognostic Factors of Advanced Esophageal Cancer in Patients Undergoing Induction Therapy with Docetaxel, Cisplatin and 5-Fluorouracil. M. NAKAJIMA, H. MUROI, M. KIKUCHI, M. TAKAHASHI, K. IHARA, Y. SHIDA, E. KURAYAMA, H. OGATA, S. YAMAGUCHI, K. SASAKI, M. SAKAI, M. SOHDA, T. MIYAZAKI, H. KUWANO, H. KATO ( <i>Tochigi; Maebashi, Japan</i> ) .....	911
Gut-associated Lymphoid Tissue (GALT) Carcinoma in Ulcerative Colitis. C.A. RUBIO, G. DE PETRIS, G. PUPPA ( <i>Stockholm, Sweden; Scottsdale, AZ, USA; Geneva, Switzerland</i> ) .....	919
Surgical Outcomes and Morbidity After Radical Surgery for Ovarian Cancer in Aberdeen Royal Infirmary, the Northeast of Scotland Gynaecologic Oncology Centre. E. KALAMPOKAS, H. YOUNG, A. BEDNAREK, M. HABIB, D.E. PARKIN, M. GURUMURTHY, M. CAIRNS ( <i>Aberdeen, UK</i> ) .....	923
Low-dose Pressurized Intrathoracic Aerosol Chemotherapy (PITAC) as an Alternative Therapy for Pleuropulmonary Involvement in Pseudomyxoma Peritonei. M. ROBELLA, M. VAIRA, A. BORSANO, C. MOSSETTI, M. DE SIMONE ( <i>Candiolo; Turin, Italy</i> ) .....	929
Association of Preoperative Nutritional Status with Prognosis in Patients with Esophageal Cancer Undergoing Salvage Esophagectomy. M. SAKAI, M. SOHDA, T. MIYAZAKI, T. YOSHIDA, Y. KUMAKURA, H. HONJO, K. HARA, D. OZAWA, S. SUZUKI, N. TANAKA, T. YOKOBORI, H. KUWANO ( <i>Maebashi, Japan</i> ).....	933
High STMN1 Expression Is Associated with Tumor Differentiation and Metastasis in Clinical Patients with Pancreatic Cancer. K. SUZUKI, A. WATANABE, K. ARAKI, T. YOKOBORI, N. HARIMOTO, D. GANTUMUR, K. HAGIWARA, T. YAMANAKA, N. ISHII, M. TSUKAGOSHI, T. IGARASHI, N. KUBO, N. GOMBODORJ, M. NISHIYAMA, Y. HOSOUCHE, H. KUWANO, K. SHIRABE ( <i>Maebashi, Japan</i> ) .....	939
Clinical Assessment of Micro-residual Tumors during Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma. K. UEMOTO, H. DOI, H. SHIOMI, K. YAMADA, D. TATSUMI, T. YASUMOTO, M. TAKASHINA, M. KOIZUMI, R.-J. OH ( <i>Osaka; Suita, Japan</i> ) .....	945
The Prognostic Implications of Bone Invasion in Gingival Squamous Cell Carcinoma. S. YOSHIDA, T. SHIMO, Y. MURASE, K. TAKABATAKE, K. KISHIMOTO, S. IBARAGI, N. YOSHIOKA, T. OKUI, H. NAGATSUKA, A. SASAKI ( <i>Okayama, Japan</i> ).....	955
Comparison of Laparoscopic and Open Surgery for Colorectal Cancer in Patients with Severe Comorbidities. M. NUMATA, S. SAWAZAKI, J. MORITA, Y. MAEZAWA, S. AMANO, T. AOYAMA, T. SATO, T. OSHIMA, H. MUSHIAKE, N. YUKAWA, M. SHIOZAWA, Y. RINO, M. MASUDA ( <i>Yokohama, Japan</i> ).....	963
Image Quality Assessment of 2D versus 3D T2WI and Evaluation of Ultra-high b-Value ( $b=2,000 \text{ mm}^2/\text{s}^2$ ) DWI for Response Assessment in Rectal Cancer. D. HAUSMANN, J. LIU, J. BUDJAN, M. REICHERT, M. ONG, M. MEYER, A. SMAKIC, R. GRIMM, R. STRECKER, S.O. SCHOENBERG, X. WANG, U.I. ATTENBERGER ( <i>Heidelberg; Erlangen, Germany; Baden, Switzerland; Beijing, PR China</i> ) .....	969
Two-step Intensity-modulated Radiation Therapy for Oropharyngeal Cancer: Initial Clinical Experience and Validation of Clinical Staging. H. TATEBE, H. DOI, K. ISHIKAWA, H. KAWAKAMI, M. YOKOKAWA, K. NAKAMATSU, S. KANAMORI, T. SHIBATA, M. KITANO, Y. NISHIMURA ( <i>Osaka; Kagawa, Japan</i> ).....	979
Preoperative Platelet to Albumin Ratio Predicts Outcome of Patients with Cholangiocarcinoma. N. SAITO, Y. SHIRAI, T. HORIUCHI, H. SUGANO, H. SHIBA, T. SAKAMOTO, T. UWAGAWA, K. YANAGA ( <i>Tokyo, Japan</i> ).....	987



Transglutaminase 2 Regulates Self-renewal and Stem Cell Marker of Human Colorectal Cancer Stem Cells. S. KANG, S.C. OH, B.W. MIN, D.-H. LEE ( <i>Seoul, Republic of Korea</i> ).....	787
PDGFR $\alpha$ /HER2 and PDGFR $\alpha$ /p53 Co-expression in Oral Squamous Cell Carcinoma. P. CIERPIKOWSKI, A. LIS-NAWARA, P. GAJDZIS, J. BAR ( <i>Wroclaw, Poland</i> ) .....	795
Autophagy Induced by Naftopidil Inhibits Apoptosis of Human Gastric Cancer Cells. A. NAKAMURA, W. MATSUNAGA, A. GOTOH ( <i>Nishinomiya; Sanda, Japan</i> ).....	803
The Mesenchymal–epithelial and Epithelial–mesenchymal Cellular Plasticity of Liver Metastases with Digestive Origin. A.R. CEAUSU, A. CIOLOFAN, A.M. CIMPEAN, A. MAGHETI, O. MEDERLE, M. RAICA ( <i>Timisoara, Romania</i> ).....	811
Quantitative Structure–Cytotoxicity Relationship of Cinnamic Acid Phenetyl Esters. Y. UESAWA, H. SAKAGAMI, N. OKUDAIRA, K. TODA, K. TAKAO, H. KAGAYA, Y. SUGITA ( <i>Tokyo; Sakado, Japan</i> ).....	817
Loading Efficiency of Polymersomes with Contrast Agents and their Intracellular Delivery: Quantum Dots Versus Organic Dyes. S. SEMKOVA, B. NIKOLOVA, Z. ZHELEV, I. TSONEVA, G. ZLATEVA, I. AOKI, R. BAKALOVA ( <i>Sofia; Stara Zagora, Bulgaria; Inage, Japan</i> ) .....	825
Non-invasive Detection of Bladder Tumors Through Volatile Organic Compounds: A Pilot Study with an Electronic Nose. H. HEERS, J.M. GUT, A. HEGELE, R. HOFMANN, T. BOESEL, A. HATTESOHL, A. REMBERT KOCZULLA ( <i>Marburg, Germany</i> ).....	833
Decreased Expression of SATB2 Associates with Tumor Growth and Predicts Worse Outcome in Patients with Clear Cell Renal Cell Carcinoma. A. SLIWINSKA-JEWSIEWICKA, A.E. KOWALCZYK, B.E. KRAZINSKI, J. GODLEWSKI, P. KWIATKOWSKI, J. KIEWISZ, J. GRZEGRZOLKA, P. DZIEGIEL, Z. KMIEC ( <i>Olsztyn; Wroclaw; Gdansk, Poland</i> ) .....	839
Ursolic Acid Causes Cell Death in PC-12 Cells by Inducing Apoptosis and Impairing Autophagy. J. JUNG, J. SEO, J. KIM, J.H. KIM ( <i>Seoul, Republic of Korea</i> ).....	847
Antitumor Effect of Burchellin Derivatives Against Neuroblastoma. M. KURITA, T. TAKADA, N. WAKABAYASHI, S. ASAMI, S. ONO, T. UCHIYAMA, T. SUZUKI ( <i>Funabashi; Itabashi, Japan</i> ).....	855
Maspin Enhances the Anticancer Activity of Curcumin in Hormone-refractory Prostate Cancer Cells. W.-L. CHENG, C.-Y. HUANG, C.-J. TAI, Y.-J. CHANG, C.-S. HUNG ( <i>Taipei, Taiwan, ROC</i> ) .....	863
<i>Clinical Studies</i>	
Survival in Limited Disease Small Cell Lung Cancer According to N3 Lymph Node Involvement. C.D. VALAN, J.E. SLAGSVOLD, T. ONSØIEN HALVORSEN, M. HERJE, R.M. BREMNES, P.F. BRUNSVIG, O.T. RUSTUGUN, Ø. FLØTTEN, N. LEVIN, S.H. SUNDSTRØM, B.H. GRØNBERG ( <i>Trondheim; Tromsø; Oslo; Drammen, Norway</i> ) .....	871
Control of Nausea and Vomiting in Patients Receiving Anthracycline/Cyclophosphamide Chemotherapy for Breast Cancer. M. NAWA-NISHIGAKI, R. KOBAYASHI, A. SUZUKI, C. HIROSE, R. MATSUOKA, R. MORI, M. FUTAMURA, T. SUGIYAMA, K. YOSHIDA, Y. ITOH ( <i>Gifu, Japan</i> ).....	877
A Phase I Study of Hypofractionated Carbon-ion Radiotherapy for Stage III Non-small Cell Lung Cancer. J.-I. SAITOH, K. SHIRAI, T. ABE, N. KUBO, T. EBARA, T. OHNO, K. MINATO, R. SAITO, M. YAMADA, T. NAKANO, THE WORKING GROUP OF THE LUNG TUMOR ( <i>Gunma; Ota; Shibukawa; Maebashi, Japan</i> )....	885
Effect of Neoadjuvant Chemoradiotherapy on Lymph Node Micrometastases in Thoracic Esophageal Cancer. M. YANAGI, K. SASAKI, Y. UCHIKADO, I. OMOTO, T. ARIGAMI, H. KURAHARA, Y. UENOSONO, M. SAKODA, K. MAEMURA, S. NATSUGOE ( <i>Kagoshima, Japan</i> ) .....	893

Fluorescence-guided Surgery with Splenic Preservation Prevents Tumor Recurrence in an Orthotopic Nude-mouse Model of Human Pancreatic Cancer. H.K. HWANG, C.M. KANG, S.H. LEE, T. MURAKAMI, T. KIYUNA, S.H. KIM, R.M. HOFFMAN, M. BOUVET ( <i>San Diego, CA, USA; Seoul, Republic of Korea; Yokohama; Okinawa, Japan</i> ) .....	665
Improved <i>In Vivo</i> Subcutaneous Tumor Generation by Cancer Cell Sheet Transplantation. J. AKIMOTO, M. NAKAYAMA, S. TAKAGI, T. OKANO ( <i>Tokyo, Japan</i> ) .....	671
MicroRNA Expression in <i>KRAS</i> - and <i>BRAF</i> -mutated Colorectal Cancers. I.V. LUNDBERG, M.L. WIKBERG, I. LJUSLINDER, X. LI, R. MYTE, C. ZINGMARK, A. LÖFGREN-BURSTRÖM, S. EDIN, R. PALMQVIST ( <i>Umea, Sweden</i> ) .....	677
Exploratory Radiomics in Computed Tomography Perfusion of Prostate Cancer. S. TANADINI-LANG, M. BOGOWICZ, P. VEIT-HAIBACH, M. HUELLNER, C. PAULI, V. SHUKLA, M. GUCKENBERGER, O. RIESTERER ( <i>Zurich, Switzerland</i> ) .....	685
Down-regulation of B-Cell Translocation Gene 1 by Promoter Methylation in Colorectal Carcinoma. Y.Y. JUNG, J.-Y. SUNG, J.-Y. KIM, H.-S. KIM ( <i>Goyang; Seoul, Republic of Korea</i> ) .....	691
Association of eIF4E and SPARC Expression with Lymphangiogenesis and Lymph Node Metastasis in Hypopharyngeal Cancer. B.P. ERNST, C. MIKSTAS, T. STÖVER, R. STAUBER, S. STRIETH ( <i>Frankfurt; Mainz, Germany</i> ) .....	699
Does the Use of Hair Dyes Increase the Risk of Developing Breast Cancer? A Meta-analysis and Review of the Literature. R. GERA, R. MOKBEL, I. IGOR, K. MOKBEL ( <i>London, UK</i> ) .....	707
Low Expression of CD44 Is an Independent Factor of Poor Prognosis in Ovarian Mucinous Carcinoma. H. MATUURA, M. MIYAMOTO, M. TAKANO, H. SOYAMA, T. AOYAMA, T. YOSHIKAWA, K. KATO, T. SAKAMOTO, M. KUWAHARA, K. TAKASAKI, H. ISHIBASHI, H. IWAHASHI, H. TSUDA, K. FURUYA ( <i>Tokorozawa, Japan</i> ) .....	717
SATB1 Level Correlates with Ki-67 Expression and Is a Positive Prognostic Factor in Non-small Cell Lung Carcinoma. N. GLATZEL-PLUCINSKA, A. PIOTROWSKA, J. GRZEGRZOLKA, M. OLBROMSKI, A. RZETCHONEK, P. DZIEGIEL, M. PODHORSKA-OKOLOW ( <i>Wroclaw, Poland</i> ) .....	723
Effective Timing of Surgical Resection of Colorectal Cancer Liver Metastases During Chemotherapy. S. OSADA, A. GOTOH, R. YOKOI, H. TSUCHIYA, T. SAKURATANI, Y. SASAKI, N. OKUMURA, H. HAYASHI, T. MUKAI ( <i>Gifu, Japan</i> ) .....	737
Acetaminophen and Metamizole Induce Apoptosis in HT 29 and SW 480 Colon Carcinoma Cell Lines <i>In Vitro</i> . A.C. BUNDSCHERER, M. MALSY, M.A. GRUBER, B.M. GRAF, B. SINNER ( <i>Regensburg, Germany</i> ) .....	745
Prognostic Significance of NSCLC and Response to EGFR-TKIs of EGFR-Mutated NSCLC Based on PD-L1 Expression. K. KOBAYASHI, M. SEIKE, F. ZOU, R. NORO, M. CHIBA, A. ISHIKAWA, S. KUNUGI, K. KUBOTA, A. GEMMA ( <i>Tokyo, Japan</i> ) .....	753
Quantitative Structure–Cytotoxicity Relationship of 2-Azolychromones. H. SAKAGAMI, N. OKUDAIRA, Y. UESAWA, K. TAKAO, H. KAGAYA, Y. SUGITA ( <i>Saitama; Tokyo; Sakado, Japan</i> ) .....	763
HMGAI and MMP-11 Are Overexpressed in Human Non-melanoma Skin Cancer. M. GRECO, B. ARCIDIACONO, E. CHIEFARI, T. VITAGLIANO, A.G. CIRIACO, F.S. BRUNETTI, G. CUDA, A. BRUNETTI ( <i>Catanzaro, Italy</i> ) .....	771
Intense Pulsed Light: Friend or Foe? Molecular Evidence to Clarify Doubts. L. FERREIRA, R. VITORINO, M.J. NEUPARTH, D. RODRIGUES, A. GAMA, A.I. FAUSTINO-ROCHA, R. FERREIRA, P.A. OLIVEIRA ( <i>Aveiro; Porto; Vila Real; Lisbon, Portugal</i> ) .....	779