

# **JOURNAL OF CARCINOGENESIS**

A peer reviewed journal in the field of  
**Carcinogenesis and Carcinoprevention**

**For the Researchers By the Researchers Of the Researchers**

## **Publish in the special issue on Cancer Prevention and Detection**

**Edited by experts in the field**

### **Scope of the Special Issue:**

In spite of massive investment into research, education, and treatment strategies, cancer death rates have not declined significantly over the past 50 years. It is widely accepted that the best way to improve cancer outcomes is to focus efforts on effective cancer prevention strategies coupled with improved early detection methods. It is estimated that these approaches can reduce the global cancer burden by more than 50%. Modifiable factors like tobacco use and life style along with poor dietary habits, inactivity and infections leading to cancer is estimated to account for 40% of all sporadic cancers and 43% of all cancer deaths. Therefore the World Health Organization emphasizes the need to efficiently and systematically implement evidence-based strategies for early detection and prevention to slow and ultimately reverse the increase in global cancer incidence. Given the importance and scope of this area of cancer research, the *Journal of Carcinogenesis* is publishing a special issue devoted to all aspects of '**Cancer Prevention and Detection**'.

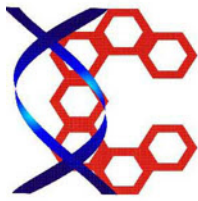
The purpose of this special issue is to publish high quality original research papers, short reports, meta-analyses, review articles and perspectives in broad areas of research related to cancer prevention and detection. The editors of this special issue are soliciting manuscripts for consideration for publication in this special issue. Potential areas of interest for the special issue include, but are not limited to:

- Cancer Detection: Screening, Early Detection, Predictive Bio-markers, Diagnostic Imaging, Cancer Surveillance and Cost Effectiveness.
- Carcinoprevention and Public Health: Studies on Chemoprevention and Immuno-prevention, Lifestyle & Behavioral Modification, Diet & Nutrition, Physical Activity, and Tobacco.
- Risk Factor Assessment: Causative Agents, Risk Assessment, Life Style Factors, Gene–Environment Interactions and Viral, Hormonal, and Nutritional Influences.
- Cancer Etiology: Cancer Susceptibility, Carcinogenesis, Pathophysiology, Natural history models, Initiation, and Progression of Cancer.
- Cancer Epidemiology and Cancer Statistics.

**Article Submission Process:** Prospective authors are invited to submit their manuscript through the Journal of Carcinogenesis online manuscript submission system located at <http://www.carcinogenesis.com/>. The authors are advised to adhere to the journal manuscript polices available. . The manuscripts undergo a double blinded peer review process and quality screening according to *Journal of Carcinogenesis* acceptance policy. *Journal of Carcinogenesis* levies an article-processing charge for every accepted article. Partial or comprehensive waiver of the article-processing charge may be granted to very high quality research based on recommendations from the guest editors.

**Deadline for manuscript submission: February 15, 2011; Publication Date: May 1, 2011.**

For further inquiries about the submission or the review process contact [editor@carcinogenesis.com](mailto:editor@carcinogenesis.com)



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**Gary D. Stoner, Ph.D.**, is Professor of Medicine at the Medical College of Wisconsin (MCW). He is also Director of the Molecular Carcinogenesis and Chemoprevention Program in the Cancer Center at MCW. He is a world renowned expert in Cancer Chemoprevention research. His current research interests include chemoprevention of aerodigestive tract cancers using both individual drugs and food preparations, especially freeze-dried berries. He is principal investigator on several Phase I and II trials of cancer chemopreventive agents in the esophagus and colon, most of which involve the use of different berry preparations. Dr. Stoner has authored or co-authored over 350 research publications, editorials, reviews and book chapters. He has also served on and chaired multiple NIH/NCI study sections. He holds the position as the Editor of several leading cancer journals including *Cancer Research*, *Cancer Prevention Research* and *Carcinogenesis*.



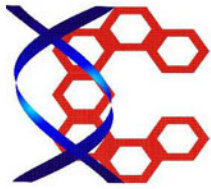
**T.C. Wu, M.D., Ph.D.** is a Professor of Pathology and Gynecologic Oncology at The Johns Hopkins University School of Medicine. Dr. Wu is also the Research Director of Gynecologic Pathology at The Johns Hopkins University School of Medicine. Dr. Wu's research focus has been in the area of human papillomavirus (HPV) vaccine development. His mission is to create the most effective cervical cancer vaccine for the prevention and treatment of human papillomavirus-associated malignancies and to extend the application of the principles and strategies that we use for HPV vaccine development in order to create vaccines that target other cancers with defined tumor antigens. Dr. Wu has authored or co-authored over 200 research publications, editorials, reviews and book chapters. He is a Co-Principal Investigator on the NIH- SPORE in Cervical Cancer. He also serves on the editorial board of several leading cancer journals including *Cancer Research*, *Gene Therapy* and *American Journal of Pathology*.



**Vijayvel Jayapraksh, M.B.B.S, Ph.D.** is the Coordinating Guest Editor for the special issue of the Journal of Carcinogenesis, Cancer Prevention and Detection. Dr. Jayaprakash is the Research Director of the Oral Cancer Screening Program at Roswell Park Cancer Institute. He also serves as an Assistant Professor at the Department of Social and Preventive Medicine at the State University of New York at Buffalo. He has been involved in several research studies involving screening of head, neck and lung cancers. Dr. Jayaprakash and team screen high risk patients for oral cancers and pre-cancerous lesions using the auto fluorescence light based screening tool and identify and evaluate several biomarkers that could predict the initiation and progression of oral pre-cancerous lesions. He is a co-investigator on multi-institutional chemoprevention trials for oral pre-cancerous lesions. He has published more than 35 peer-reviewed articles and abstracts in several prestigious cancer journals and also serves as an ad-hoc reviewer for several leading international journals.

For inquiries on how to submit manuscripts and article processing charges contact [editor@carcinogenesis.com](mailto:editor@carcinogenesis.com)

For instructions to authors, visit <http://www.carcinogenesis.com>



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**Sara I. Pai, M.D., Ph.D.** is the Assistant Professor of Otolaryngology-Head & Neck Surgery and Oncology at Johns Hopkins School of Medicine. She is the Director of the Human Papillomavirus (HPV)-associated Head and Neck Cancer Multi-disciplinary Clinic and leads an HPV Working Group at Johns Hopkins. She received her B.A. in Biochemistry/Molecular Biology from Dartmouth College and her M.D. and Ph.D. in Medicine and Immunology from the Johns Hopkins School of Medicine. Her primary clinical interests are HPV-related head and neck cancers as well as tumors of the thyroid and parathyroid. Her current research interests include the development of novel cancer vaccines for HPV-associated head and neck cancers and understanding how cancer cells can alter their microenvironment to evade the immune system. She serves as a co-principal investigator on the NIH Head and Neck Specialized Programs of Research Excellence (SPORE) program at Johns Hopkins.



**Tomasz Tkaczyk, Ph.D.** is an Assistant Professor of Bioengineering at Rice University. Dr. Tkaczyk specializes in the development of modern optical instruments that combine advanced technologies in optics, opto-mechanics, electronics and software, and bio-chemical materials for the early detection and treatment of cancer. Tkaczyk's research in the Modern Optical Instrumentation and Bio-imaging Laboratory focuses on the development and application of novel imaging instruments and systems. The compact size and high-performance capabilities of the bio-imaging tools developed in his lab have tremendous potential for point-of-care diagnostics in various clinical settings around the world. He is the principal investigator (PI) on NIH R01 research project to build and test an advanced dual-functioning medical instrument called the Bi-FOV Endoscope. Dr. Tkaczyk is author of 25 peer-reviewed publications, serves as editor and reviewer for several scientific journals, is the author of a new textbook titled Field Guide to Microscopy, a book chapter in the Handbook of Optics on Miniature and Micro-Optics, and more than 20 proceeding papers.



**Laura Kresty, Ph.D.** is an Assistant Professor of Epidemiology and Public Health at the University of Miami's Miller School of Medicine and Sylvester Cancer Center, Miami, FL. The focus of her research is prevention of aerodigestive tract cancers. Her specific interests are in identifying and evaluating potential cancer inhibitors utilizing in vitro assays, employing clinically relevant in vivo models, and translating the evaluation of promising agents into phase I and phase II trials in high risk human cohorts. Current evaluations of natural and synthetically produced agents include black raspberries, cranberry proanthocyanidins, Vitamin D, a novel histone deacetylase inhibitor and sulindac utilizing authenticated human esophageal cell lines and a rat surgical model for esophageal adenocarcinoma. She and collaborators are also investigating novel imaging technologies to detect early epithelial and sub-epithelial changes for more rapid chemopreventive assessments. Dr. Kresty is PI on two NIH-NCI funded projects focused on the chemoprevention of esophageal cancer. She has over 35 peer-reviewed publications and serves as ad-hoc reviewer for numerous high impact gastroenterology and cancer focused journals.



**Gopala Kovvali Ph.D.** Executive Editor of the Journal of Carcinogenesis and founder of Carcinogenesis Foundation, a non-profit organization that strives to understand the genesis of cancers in order to prevent and cure. Dr. Kovvali is an Adjunct faculty in the department of Genetics, Rutgers University, New Brunswick, NJ, USA. He published several research papers on topics including DNA repair mechanisms in peer reviewed international journals like Science, Journal of Biological Chemistry and Federation of European Biochemical Societies Letters, Biopolymers. His research focused on gastrointestinal carcinogenesis mechanisms in patients with cancer-prone diseases like ulcerative colitis and gastroesophageal reflux. Dr. Kovvali floated a concept "Acquired Risk for Cancer Incidence" to rationalize the observation of increase in risk of cancer incidence among those who migrate from the East to the West. He strongly believes that this phenomenon serves as a conceptual framework to investigate carcinogenesis. Dr. Kovvali's current interests are in global cancer prevention education and public health related issues.