

Dimitrios H. Roukos , MD, PhD

Associate Professor, Surgical Oncology Research Unit

- Leader, Translational Research, European Network of Excellence (EUNE) for Gastric Cancer

- Leader, Personalized Cancer Medicine, Biobank

Ioannina University School of Medicine (IUSM)

451 10 Ioannina, Greece

T: +30 26510 07423, F: +30 26510 07094

email: droukos@uoi.gr



EDUCATION

1974- Athens University School of Medicine

1980

1980- Military non-specialized physician and Senior House Officer (SHO) in Ioannina Univ. Hospital , Greece

1983 - Postgraduate specialist training in surgery at J.W.Goethe-University Hospital in Frankfurt a.M., Germany

1988 German Doctorate title (Dr.med) PhD by JWG-Univ. Frankfurt .

1988 Postgraduate Titles: Specialized General Surgeon in Greece .

1990 - Lecturer, Assistant Professor, Associate Professor of Surgery with emphasis on cancer research at Ioannina University School of medicine

Today

ACADEMIC-RESEARCH ACTIVITIES

1983- Conventional clinical research on etiology, carcinogenesis, pathology, and multimodal treatment of gastric cancer and breast cancer.

1999

Since

2000

Conventional single protein-coding genes research.

- High penetrance, very rare, heritable mutations in single genes (BRCA1/2, mismatch-repair, and DH1 gens) with outsized effects on breast, colorectal and gastric cancer predisposition respectively. Development of novel clinical algorithms for personalized preventive interventions (surgery, surveillance) on these high-risk individuals.

- Targeted therapy. Evaluation of safety and efficacy of biologic agents added to chemotherapy, surgery and radiotherapy in the metastatic and adjuvant setting of solid cancers.

Since

2005

Networks-based identification of novel cancer targets .

- Limitations of traditional single-genes research as reflected by suboptimal markers and biologics development and modest results in clinical trials
- Available and emerging evidence of highly complexity and heterogeneity of cancer and recent reveal of complex biological systems which drive tumor initiation and metastases.
- These findings urgently guide my current translational research for integration of

clinical, genetics, genomics and cancer genomes functional data into causal networks for crucial cancer targets discovery. Predicting underlying DNA changes, and interactions among different cancer cells subpopulations and between these and their microenvironment with cancer phenotypes opens new ways to developing robust biomarkers and efficient biologics. The post cancer genomes era promises tailored multimodal therapy to specific responsive subsets of patients (personalized medicine).

PUBLICATIONS CITATIONS - LECTURERS

Over 115 papers with a total impact factor ~ 800, > 2353 citations (h=37).

Multiple lecturers and keynote presentations in international meetings. scientific

Guest speaker, keynote presentations, invited speaker in international meetings.

Editorial Reviewer activity

- Since 1999** • Reviewer in many international grants (budgets in up to \$11,000, and many high-impact journals).
- Since 2002** • Founder and Editor-in-Chief of a non-profit, e-journal (*Gastric & Breast Cancer*).
- Editorial board membership in several Journals.
- Since 2009** • Associate editor BMC Cancer, section cancer genetics and genomics.

POSITIONS

- 2003** Representative from Greece in EUR-GAST/EPIC project for gastric cancer in European Union.
- 2006** Leader, Translational Research, European Union Network of Excellence (EUNE) for Gastric Cancer
- 2008** Leader, Personalized Cancer Medicine Biobank, Ioannina University , Athens , Greece
- 2009** Member of the International Breast Cancer Consensus Conference in Kyoto/Japan and Consensus member in International Gastric Cancer Conference in Krakow, Poland .

[HOME](#)

[ABOUT US](#)

[ADVERTISE on GBCNC](#)

[LINK to US](#)

[CONTACT US](#)

Online ISSN : 1109 - 7647

Print ISSN : 1109 - 7655



We subscribe to the HONcode principles. [Verify here](#).
please, read our policy about [privacy and confidentiality of information](#) and [transparency of sponsorship](#)

last update: 3 February 2010