

## **CURRICULUM VITAE**

**Dr. Evangelos Kolettas, B.Sc.(HONS)(LON), Ph.D.(LON)**

### **PERSONAL DETAILS**

**Name:** Evangelos Kolettas, B.Sc.(Hons)(LON), Ph.D.(LON)

**Positions:** • **Professor of Molecular Cell Biology**, Laboratory of Biology, School of Medicine, Faculty of Health Sciences, University of Ioannina (Uoi), Greece  
• **Group Leader/PI**, *Molecular Cancer Biology and Senescence (MCBS)* Group Biomedical Research Institute (BRI), Foundation for Research & Technology (FORTH), Ioannina, Greece

**Place of Birth:** Greece

**Nationality:** Greek

**Sex:** Male

**Work address:** Laboratory of Biology, School of Medicine, Faculty of Health Sciences  
University of Ioannina, University Campus, 45110 Ioannina, Greece

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**E-mail Work:** [ekoletas@uoi.gr](mailto:ekoletas@uoi.gr); [evangelos\\_kolettas@bri.forth.gr](mailto:evangelos_kolettas@bri.forth.gr); **Personal:** [ekoletas@gmail.com](mailto:ekoletas@gmail.com)

**Skype:** [evangelos.kolettas](https://www.skype.com/user/evangelos.kolettas)

**Websites:** <https://www.bri.forth.gr/en/research-en/item/5510-evangelos-kolettas>  
<https://urci.unit.uoi.gr/ibs/en/index.html>

### **Networks/Databases**

**Linkedin:** <https://www.linkedin.com/in/kolettas/>

**Google scholar:** <https://scholar.google.com/citations?user=3hbUwhIAAAJ&hl=en>

**ResearchGate:** [https://www.researchgate.net/profile/Evangelos\\_Kolettas](https://www.researchgate.net/profile/Evangelos_Kolettas)

**Scopus Author ID:** 6602856311

**ORCID ID:** <https://orcid.org/0000-0002-5820-487X>

**SciProfile:** <https://sciprofiles.com/user/publications/400313>

### **EDUCATION:**

1. Apolytirion (Graduation Certificate), 2<sup>nd</sup> Boys Lyceum, Ioannina, Greece

2. South East London Technical College (SELTEC), Lewisham, SE4 1UT, London, UK.

➤ G.C.E. 'A' Levels:

- Pure Mathematics (632), Grade 'B' (Associated examining Board/AEB – part of AQA), 1979
- Modern Greek (715), Grade 'E' (University of London examining Board), 1980

➤ Certificate in English for foreign students, Grade '3' (Pass)(Joint Matriculation Board/JMB), 1981

3. *Higher Diploma (HD/HND) in Applied Biology*, Biology Department, Sunderland Polytechnic, 1983

Diploma Projects (1982 - 1983):

- (a) Investigation of the ascorbic acid oxidase activity in different plant tissues (*Biochemistry*)
- (b) Isolation of soil actinomycetes and investigation of antibiotic production using different substrates and microorganisms such as *E. coli*, *S. aureus*, *P. fluorescens* and *B. subtilis* as bacterial markers for antibiotic production by the isolated soil actinomycetes. (*Microbiology*)

4. *BSc (Hons) in Biochemistry* (2.1), Department of Biochemistry, King's College, University of London, 1986

BSc Project: *The effects of various fatty acids upon the rate of elastolysis of bovine ligamentum nuchae elastin by porcine pancreatic elastase*

Supervisor: Prof. Harold Baum, PhD, FRSC, FIBiol, Head of Biochemistry Dept., KCL

5. *Ph.D. in Biochemistry (Genetics)*, Department of Biochemistry, King's College, University of London and Genetics Division, MRC National Institute for Medical Research, London, 1990

PhD Thesis: '*Factors involved in the immortalisation and neoplastic transformation of rodent and human embryonic fibroblasts*', University of London

Supervisors: Drs Robin Holliday, FRS and Robert F. Rosenberger Genetics Division, MRC NIMR; Dr. Alan Hipkiss, Department of Biochemistry, KCL

**Continuing Education:** 6-12 week short online courses leading to

*Statement of Accomplishment* in:

1. *Experimental Genome Science*, University of Pennsylvania, USA; 03/02/2013
2. *Introduction to Genetics and Evolution*, Duke University, USA; 09/04/2013
3. *Epigenetic Control of Gene Expression*, University of Melbourne, Australia; 05/09/2013
4. *Introductory Human Physiology*, Duke University, USA; 14/11/2013
5. *Genes and Human Condition: From Behaviour to Biotechnology*, Maryland University; 7/1/2014

**EXPERIENCE:**

- **Teaching:** *Molecular Cell Biology, Genetics/Molecular Genetics, Biochemistry, Cell Signalling, Cancer & Stem Cell Biology, Molecular Medicine (human disease), Human Physiology*
- **Research:** *Molecular Cancer Biology & Senescence:* Cell signalling & regulatory networks in DNA damage & inflammation impacting on senescence & cancer using *in vitro* & *in vivo* novel cell & bitransgenic mouse models; bioimaging, Retro/lentivectors, CRISPR/Cas9 & -omics technologies
- **Achievements & Publications related to expertise on Senescence, DNA damage & Cancer:**
  1. *Chondrocyte senescence and differentiation* [Kolettas *et al* (1995) Expression of cartilage-specific molecules remains unaffected by long-term culture of human articular chondrocytes. *J. Cell Sci*]
  2. *Cytokine regulation of chondrocyte differentiation and survival* [Kolettas *et al* (2001). Chondrocyte phenotype and cell survival are regulated by culture conditions and by specific cytokines through the expression of Sox9 transcription factor. *Rheumatology*]
  3. *RIS1, a Ras-induced senescence marker & tumour-suppressor* [Barradas *et al* (2002) Identification of a candidate tumour suppressor gene specifically activated during *ras*-induced senescence. *Exp Cell Res*]
  4. *DNA damage responses in OIS act as a tumour barrier* [Bartkova *et al* (2006) Oncogene-induced senescence is part of the tumorigenesis barrier imposed by DNA damage checkpoints. *Nature*]
  5. *NF $\kappa$ B delays OIS* [Batsi *et al* (2009) Chronic NF $\kappa$ B activation delays *Ras*-induced premature senescence of human fibroblasts by suppressing the DNA damage checkpoint response. *Mech Ageing Dev*]
  6. *Bcl2-NF $\kappa$ B axis controls cancer cell apoptosis* [Batsi *et al* (2009) Bcl-2 blocks 2-methoxyestradiol induced leukaemia cell apoptosis by a p27<sup>Kip1</sup> dependent G<sub>1</sub>/S cell cycle arrest in conjunction with NF- $\kappa$ B activation. *Biochem Pharmacol*]
  7. *Cdc6 licenses tumour growth and EMT* [Sideridou *et al* (2011) Cdc6 represses E-cadherin transcription and activates adjacent replication origins. *J Cell Bio*]
  8. *Canonical IKK $\beta$ /NF- $\kappa$ B pathway protects normal and tumour human cells from H<sub>2</sub>O<sub>2</sub>-induced DDR-dependent senescence and apoptosis, respectively* [Sfikas *et al* (2012) The canonical NF- $\kappa$ B pathway differentially protects normal and human tumour cells from ROS-induced DNA damage. *Cell Signal*]
  9. *Comprehensive review on miRNAs in cancer* [Markopoulos *et al* (2017) A step-by-step miRNA guide to cancer development and metastasis. *Cell Oncol*]
  10. *Identification of senescence-associated miRNAs targeting cell cycle genes during replicative senescence (e.g., miR-221/222)* [Markopoulos *et al* (2017) Senescence-associated microRNAs target cell cycle regulation genes in human lung fibroblasts. *Exp Gerontol*]
  11. *NF- $\kappa$ B - miRNA network in inflammation and cancer* [Markopoulos *et al* (2018) Roles of NF- $\kappa$ B signalling in the regulation of miRNAs impacting on inflammation in cancer. *Biomedicines*]
  12. *IKK $\alpha$  functions as lung tumour suppressor in mice and humans* [Chavdoula *et al* (2019) CHUK/IKK $\alpha$  loss in lung epithelial cells enhances NSCLC growth associated with HIF upregulation. *Life Sci Alliance*]
  13. *IKK $\beta$  and p65 act as lung tumour promoters* [Roupakia *et al* (2021) Canonical NF $\kappa$ B promotes lung cell tumour growth by downregulating the metastasis suppressor CD82 and enhancing EMT. *Cancers*]
  14. *RelA/p65 and E2F1 cistromes have limited overlap and bind active chromatin even prior to immunogenic stimulation* [Foutadakis *et al* (2022) An expanded interplay network between NF- $\kappa$ B p65 (RelA) and E2F1 transcription factors: Roles in cell physiology and pathology. *Cancers*]

## **POSITIONS:**

**01/2023 - Professor of Molecular Cell Biology**, Laboratory of Biology, School of Medicine, University of Ioannina (Uoi), Greece, and

**2007 - Present: Group Leader**, Biomedical Research Institute (BRI), Foundation for Research & Technology (FORTH), Ioannina; <https://www.bri.forth.gr/en/research-en/item/5510-evangelos-kolettas>

Undergraduate Teaching (MBBS & MSci in Applied Biology & Biotechnology, MSci ABB):

- *Core Biology I & II*: Cell and Molecular Biology lectures (MBBS Core Biology I module co-lead)
- *Pathological Oncology* (optional course module): Molecular Basis of Cancer (MBBS)
- *Cell Signalling* (option): NF- $\kappa$ B signalling in DNA damage, inflammation and cancer (MSci ABB)
- *Biology of stem cells & applications in medicine* (module lead): Cell cycle of SCs; iPSCs; CSCs

Postgraduate Teaching:

1. MSc in Molecular Cell Biology and Biotechnology

- *Molecular Cell Biology*: Cell cycle regulation
- *Molecular Oncology* (module lead/co-lead): Principles of Carcinogenesis; Hallmarks of cancer

2. MSc in Basic Biomedical Sciences (until 2020)

- *Biology & Biochemistry*: RNA synthesis & control of gene expression; Protein synthesis
- *Genetic Engineering & Gene Therapy* (module lead): Recombinant DNA technology

## **Molecular Cancer Biology & Senescence Research Group**

I. *Cell signalling and regulatory networks in DNA damage and inflammation impacting on ageing/senescence and cancer.*

1. *Functional roles and mechanisms of action of IKK $\alpha$ - and IKK $\beta$ -mediated NF $\kappa$ B-dependent or independent signalling, and IKK/NF $\kappa$ B-miRNA regulatory network in DNA damage & inflammation involved in ageing/senescence & cancer*, using novel *in vitro* cell culture systems generated by inducible retro/lentivectors and CRISPR/Cas9 technology, and *in vivo* novel mouse lung cancer models, and by employing biochemical & molecular cell biology techniques, bio-imaging and high-throughput molecular analysis (RNA-seq, nanostring miRNA technology & Proteomics) in conjunction with bioinformatics. Projects include:

- (a) *Impact of IKK $\alpha$  and IKK $\beta$  signalling on K-Ras-mediated senescence of human fibroblasts*
- (b) *Cellular and metabolic reprogramming in NSCLC bearing oncogenic K-Ras or EGFR mutations under normoxia and hypoxia, to identify novel NF- $\kappa$ B-regulated biomarkers and potential therapy targets*
- (c) *IKK/NF- $\kappa$ B signaling in inflammation- and ROS-induced toxic effects and DNA damage leading to metabolic reprogramming and chromatin remodeling in health and disease (e.g., cancer) to identify biomarkers and potential therapy targets*
- (d) *Impact of IKK/NF- $\kappa$ B signalling pathways on the crosstalk between drug-induced DNA damage responses (DDR) and the mitotic spindle assembly checkpoint (SAC), including oxidative stress & chemotherapeutics, using reporters, high-content bio-imaging and -omics.*

2. *TP53 tumour suppressor pathway in DNA damage, senescence and cancer*, by employing human telomerised lung fibroblasts expressing different mutant p53 genes, and lung epithelial cancer cells with a different p53 status.

II. *Functional domain-specific such as functional kinase- (or phosphatase) or transcription factor (TF)-specific CRISPR/Cas9 screens to identify novel regulators of cell growth and behaviour.*

1. *CRISPR/Cas9-mediated functional kinase-specific screen to identify novel regulators of cell signalling involved in cancer cell growth and chemoresistance (Funded).*
2. *kinase or TF-specific CRISPR/Cas9 screens to identify novel regulators involved in (a) senescence bypass, and (b) the crosstalk between DDR & SAC using reporter cells expressing Tubulin-EGFP and NUMA-Cherry, bioimaging and -omics*
3. *Domain-specific CRISPR/Cas9 screen to identify epigenetic regulators of MSC senescence bypass*

**6/2015 – 01/2023: Associate Professor of Molecular Cell Biology**, Laboratory of Biology, School of Medicine, UoI, Greece

Undergraduate and Postgraduate teaching, and Research: As above

**2014 - 6/2015: Associate Professor of Physiology with emphasis in Molecular Physiology**, Laboratory of Biology, School of Medicine, FHS, UoI, Greece

Undergraduate and Postgraduate teaching, and Research: As above

**2002 - 2014: Assistant Professor of Physiology with emphasis in Molecular Physiology**, Laboratory of Physiology, School of Medicine, UoI, Greece

Undergraduate Teaching in Human Physiology, MBBS (2003-2014):

- *Cell Physiology*, including *Biological Membrane Structure-Function and Transport*
- *Physiology of the Digestive System*

Postgraduate Teaching:

1. MSc in Agricultural Product Assurance & Quality (2003-2008):  
(a) *Genetically-modified organisms*, and (b) *Environmental pollution & mutagenesis*
2. MSc in Pain Control: *Physiology of the Digestive system* (2004-2013)
3. MSc in Agro-chemistry and Biological Products (2004-13): *Animal Biotechnology* (module lead)
4. MSc in Biotechnology (2008-2014)
  - *Molecular Biology of the Gene: Cell cycle regulation and Cancer*

Cancer Biology & Senescence Research Group:

*Role of IKK-mediated NF- $\kappa$ B-dependent or -independent signalling in senescence and cancer*

**1998 - 2002: Professor TEI of Chemistry and Biochemistry**

Department of Aquaculture & Fisheries, Technological Education Institute (TEI) of Epirus, Greece

Undergraduate Teaching (Course modules lead):

- *Organic Chemistry, Fish Biochemistry, Fish Nutrition, Biotechnology of aquatic organisms*, to Diploma in Aquaculture and Fisheries, TEI of Epirus
- *Genetics*, Degree in Agro-ecology, UoI/TEI of Epirus, Ioannina

Research: *Fish Genetics*

**1995 - 1998: Lecturer in Biochemistry** (Fixed-term)

Laboratory of Biochemistry, School of Medicine, University of Thessaly, Larisa, Greece

Undergraduate Teaching:

- *Organic Chemistry:* Aldehydes and Ketones; Carboxylic acids
- *Biochemistry I:* Topics in general and metabolic biochemistry
- *Biochemistry II:* Biochemistry of connective tissues and extracellular matrix

Research: *Heat shock proteins in lymphocytes*

**1997 - 1998: Lecturer in Genetics** (Fixed-term), Laboratory of Genetics

Department of Agricultural Biotechnology, Agricultural University of Athens, Greece

Undergraduate Teaching: *Animal Biotechnology*

**6/2 - 26/2/97: Visiting Research Scientist** (Travel grant), Wellcome Trust Centre for Cell-Matrix Research, Biochemistry Division, School of Biological Sciences, University of Manchester

Research: *Modulation of chondrocyte differentiation by cytokines*

**1996 - 1997: Lecturer in Biochemistry** (Fixed-term), Department of Nursing  
School of Health & Welfare Professions, TEI of Thessaly, Greece

Undergraduate Teaching: *Biochemistry* - general & metabolic biochemistry (course module lead)

**1990 - 1994: *Postdoctoral Fellow, Arthritis and Rheumatism Research Council UK***,  
Biochemistry Dept., Charing Cross and Westminster Medical School, London, UK

Research: *Chondrocyte growth, immortalisation and differentiation*

Undergraduate Teaching: *Biochemistry of Cancer* to MBBS and BSc Biochemistry students

**1988 - 1990: *Experimental Demonstrator***, Department of Biochemistry, King's College London  
Undergraduate Practical classes to MBBS, BDS and BSc Biochemistry students

**ADMINISTRATIVE DUTIES:** Member of the assembly of the Basic Medical Sciences Division, UoI; Member of the Scientific Council of BRI-FORTH; Internal & external assessor for academic staff selection/promotion committees in Greece & UK; MSc committee member; Course module development & lead; Research group leader, managing teams, consortia & budgets; Project/Thesis supervision & examination committees; MoUs between UoI, Cyprus & Brunel Universities and student electives; Editorial work; Journal & Grant reviewer in Greece, UK & international funders; Organisation of seminars, national & international conferences.

### **PROJECT / THESIS SUPERVISION**

- Higher Diploma Projects: 4
- BSc Projects: 6                      • MSci Projects: 2
- MSc theses: 9 (2 as co-supervisor)                      • MSc theses examination committees: 9
- PhD theses, as: (a) *Main supervisor*: 8 (7 completed)                      (b) *Co-supervisor*: 12 (9 completed)  
(c) PhD theses examination committees: 28 (1 at Nottingham Trent U & 1 at Brunel U)
- I act as an internal and external undergraduate and postgraduate project/theses examiner
- Postdoctoral Supervision: 4
- Mentoring early career researchers (Postdocs and lecturers): 13

### **PUBLICATIONS**

- *Methods book series*: Two chapters in '*Cell and Tissue Culture: Laboratory Procedures*' (Wiley & Sons, Publ.), on gene transfer methods of oncogenes in mammalian cells (1994)
- *Book chapters in Greek*: Three chapters for a textbook '*Elements in Cell Biology*' (1997)
- *Books / Chapters*: Scientific co-editing / translation in Greek of Textbooks and/or Chapters (Ch):
  - '*Human Physiology: From Cells to Systems*', by L. Sherwood (2012) 8<sup>th</sup> edn, Cengage, Co-editor and translation/editing of Chapter 16: Digestive System (Academic Press, Greece, 2014)
  - '*Molecular Cell Biology*' by Lodish *et al* (2016), 8<sup>th</sup> edn, Freeman & Co; Co-editor and translation of Chapter 5: Fundamental Molecular Genetic Mechanisms (Utopia, Greece, May 2020)
  - '*Principles of Development*' by Wolpert *et al* (2019), 6<sup>th</sup> e, OUP, Ch1: *History & Basic Concepts*
- **54** abstracts/posters to national, British, European and international conferences/workshops.
- **51** publications in peer-reviewed journals (*Nature, J Cell Biol, Cell Res, J Cell Sci, Rheumatol, Life Sci Alliance, Cancers, Free Rad Biol Med, Biochem Pharmacol, J Cell Mol Med, Cell Signal, J Exp Clin Cancer Res, Biomedicines, Cells, Eur J Biochem, FEBS J, FEBS Lett, Exp Cell Res, Cell Oncol, Exp Gerontol, Mech Ageing Dev, J Cell Biochem, J Mol Biol, Mobile DNA, J Theor Biol, Arch Biochem Biophys, Mol Cell Biochem, Histo Histopathol, Biosci Rep, Int J Oncol, ACS Chem Biol, Sensors & Actuators: B. Chem, etc*).

### **EDITORIAL WORK**

- Editorial board member of *BIOMEDICINES* (Section: '*Cancer Biology & Therapeutics*' (2022-24)(IF: 4.7) (<https://www.mdpi.com/journal/biomedicines/sectioneditors/cancer>)
- Editorial board member of *CANCERS* (Section: *Molecular Cancer Biology*) (2023-25)(IF:5.2) (Invited and Accepted)

- Guest co-editor for a special issue of the journal *CELLS* (2021-22) (IF: 6.0), on: 'The DNA Damage Response in Cell Physiology and Disease' ([https://www.mdpi.com/journal/cells/special\\_issues/Damage\\_Response](https://www.mdpi.com/journal/cells/special_issues/Damage_Response))
- Guest co-editor for a joint special issue of the journal *CANCERS* (2021-22) (IF: 5.20), on: 'NF- $\kappa$ B signalling in cellular responses to threats, cancer development and therapy' ([https://www.mdpi.com/journal/cancers/special\\_issues/nuclear\\_factor\\_kappaB](https://www.mdpi.com/journal/cancers/special_issues/nuclear_factor_kappaB))
- Guest co-editor for a special issue of the journal *BIOMEDICINES* (2022-23) (IF: 4.70), on: 'Cellular and metabolic reprogramming in cancer' ([https://www.mdpi.com/journal/biomedicines/special\\_issues/1WIK3O97NC](https://www.mdpi.com/journal/biomedicines/special_issues/1WIK3O97NC))

#### **RESEARCH GRANTS** (25 competitive grants as PI, co-PI, Consortium Coordinator or Member)

- 1997 - 2004: 8 grants (6 as PI), 51,000 €
- 2004 - 2009: 6 grants (4 as PI & 2 as co-PI), 340,500 €
- 2012 - 2016: 5 grants (1 as Coordinator, 3 as PI & 1 as Member), 1,865,000 €
- 2017 - 2019: 3 grants (2 as PI, 1 as member, 620,000 €

#### **Current funding:**

- 2022 - 2023: 1 BRI-FORTH Research Institute internal bridging grant, 10,000 €
- 2021 - 2023: 1 BIOMED-20 grant, 3 m €; (Coordinator: S. Georgatos; Member: E. Kolettas)

#### **GRANT / JOURNAL REVIEWER**

- 35 grant proposals submitted to national, European & International funding bodies, UKRI-BBSRC (1 Strategic longer & larger programme grant: Frontier Biosci 2020/21, 2 m£), Leverhulme Trust, WCR/AICR, Academy of Medical Sciences-UK, MRC South Africa, Czech Science Foundation.
- 77 papers (*Biochem J*, *Biochem Pharmacol*, *Biol Cell*, *Biomedicines*, *BMC Cancer*, *Cancers*, *JECCR*, *Cell Cycle*, *Cells*, *Cell Death Dis*, *Commun Biol*, *Exp Gerontol*, *FEBS J*, *J Cell Mol Med*, *J Cell Physiol*, *J Clin Invest*, *J Hepatol*, *Mech Ageing Dev*, *Oncogene*, *Open Biol*, *PLoS One*, *Stem Cells Transl Med*).
- Reviewed the outline of the book on 'MicroRNA in human malignancies', by M. Negrini, G. A. Calin, C. M. Croce; 1<sup>st</sup> edition, Elsevier / Academic Press, 2022.

#### **SCIENTIFIC COLLABORATORS**

1. **National:** University of Ioannina, BRI-FORTH, University of Athens, Biomedical Research Foundation Academy of Athens (BRFAA), Democritus University of Thrace.
2. **European:** Brunel, Nottingham Trent, Sussex & Essex Universities, University Hospital of Heidelberg, Free U of Brussels, CRBM-Montpellier-France, Danish Cancer Institute
3. **International:** Stony Brook University NY, UPenn, New Mexico University, Iowa State University.

#### **HONOURS and AWARDS** (1985 - 2004): 7

**SOCIETY MEMBERSHIP:** Hellenic Society of Biochemistry and Molecular Biology, Hellenic Society of Biological Sciences, Hellenic Association for Molecular Cancer Research, International Cell Senescence Association, Cancer Epigenetics Society.

#### **CONFERENCE/WORKSHOP ORGANISATION** (Member of the organising/scientific committee)

- 3<sup>rd</sup> European NF- $\kappa$ B subunit workshop, Corfu, Greece (10/2016).
- 67<sup>th</sup> Hellenic Society of Biochem & Molecular Biology conference, Ioannina, Greece (11/2016)
- I am known to European, UK and US researchers in the field of NF- $\kappa$ B in health and disease

#### **CONFERENCES** (National, British, European and International Conferences attended): 43

#### **SCIENTIFIC LECTURES** (Invited; National, Cyprus, UK including Essex, Sussex & Brunel U): 35

## **PUBLICATIONS**

### **I. Textbooks and Textbook Chapters**

1. ***Elements of Cell Biology* (2007)** (Editors: Griva E, Salamoura A & Tzima E), EFYRA Publishing Co. (in Greek).
  - *Cell Cycle* (Chapter 13, pp 283-287)
  - *Multicellular organisms and tissues* (Chapter 15, pp 315-321), and
  - *Extracellular Matrix of Connective Tissue* (Chapter 16, pp323-355).
2. ***Human Physiology: From Cells to Systems* by Lauralee Sherwood, 8<sup>th</sup> International edition 2012, Brooks/Cole Cengage Learning; Chapters 20, pp928.**

Scientific Co-editing of the translation in Greek of the textbook; *Co-editors*: **E. Kolettas**, Laboratory of Biology, School of Medicine, and A. Psarropoulou, Department of Applied Biology & Biotechnology, University of Ioannina; and

Scientific editing/translation of Ch16: The Digestive System.

*Publishers*: Academic Press, Greece (2014).
3. ***Molecular Cell Biology*, by Lodish H, Berk A, Kaiser CA, Krieger M, Bretscher A, Ploegh H, Amon A and Martin KC, 2016, 8<sup>th</sup> edition, WH Freeman & Co, 24 Chapters, pp1166.**

Scientific Co-editing of the translation in Greek of the textbook (Eds: **Kolettas E**, Marangos P & Georgatos SD), and Translation/editing of Chapter 5: *Fundamental Molecular Genetic Mechanisms* (Part II: Biomembranes, Genes & Gene Regulation), 2020; *Publishers*: Utopia Publishing Co., Greece (April 2020).
4. ***Principles of Development*, by Wolpert L, Tickle C & Arias AM, 2019, 6<sup>th</sup> e; Oxford University Press.**

Scientific translation in Greek of the textbook Chapter 1: *History and Basic Concepts of Development*. *Publishers*: Broken Hill Publ. Ltd, Cyprus (May 2020), (P. Marangos, editor).

### **II. Chapters in Book Series (2)**

1. **Kolettas E**, Gonos ES and Spandidos DA. (1994). Retroviral genes - *Myc*. Chapter 26: Immortalisation Methods, Units 26.7.1, Part 26H, Module 26H:1. In ***Cell and Tissue Culture: Laboratory Procedures*** (Griffiths JB, Doyle A & Newell DG, Eds), John Wiley & Sons, Ltd.
2. Gonos ES. **Kolettas E** and Spandidos DA. (1994). Retroviral genes - *Ras*. Chapter 26: Immortalisation Methods, Units 26.7.2, Part 26H, Module 26H:2. In ***Cell and Tissue Culture: Laboratory Procedures*** (Griffiths JB, Doyle A & Newell DG, Eds), John Wiley & Sons, Ltd.

### **III. Conferences Oral Presentations & Posters: 41** at National, British & International conferences

1. **Kolettas E**. (1988). Isolation and characterisation of genes which can suppress permanent cell growth and neoplastic transformation in mammalian cells. *Poster 23*, EMBO/CRC/NIEHS (EMBO/Cancer Research Campaign/National Institute of Environmental Health Sciences) Workshop on 'Tumour Suppressor genes and Negative growth regulation', Nethybridge, Scotland, 17-21 April 1988.
2. **Kolettas E**, Mason RMM and Muir HI. (1993). Differential responses of growth factor- and oncogene-expressing human keratinocytes to transforming growth factor (TGF) $\beta$ 1. *Poster 72*, CRC/Beatson Institute International Cancer Conference on 'The cellular, molecular and clinical aspects of squamous cell carcinomas', Glasgow, Scotland, July 1993.
3. **Kolettas E**, Yu RCH, Harper K, Mason RMM and Muir HI. (1993). Heparin inhibits the growth of human keratinocytes: The effects of oncogenes encoding protein tyrosine kinases (PTKs). *Oral Presentation 13*, Annual Meeting of the British Society for Investigative Dermatology, Nottingham, UK, 20-21 September 1993.
4. **Kolettas E** and Muir HI. (1993). Human articular chondrocyte expression of type II collagen is retained on long-term culture and is unaffected by SV40 large-T antigen expression. *Poster 19*,

British Connective Tissue Society Workshop on 'Cartilage structure and Osteoarthritis', Lilly Research Centre, Earl Wood, Windlesham, Surrey, UK, 21 May 1993.

5. **Kolettas E** and Muir HI. (1993). Changes in extracellular matrix gene expression by SV40 transformation in human fibroblasts. *Oral Presentation*, West London Matrix Biology Group meeting on 'The Molecular basis of extracellular matrix in health & disease', Imperial College, London, 23 November 1993.
6. **Kolettas E**, Owen RD, Barrett JC and Muir HI. (1996). Regulation of phenotypic expression and cell survival by cytokines and cultured conditions in mammalian chondrocytes. *Hellenic Biochemical Society (HBS) Newsletter* 41:57-58.
7. **Kolettas E**, Santra M, Iozzo RV and Muir HI. (1996). Regulation of decorin gene expression by cytoplasmic oncogenes in human cells. *HBS Newsletter* 41:45-46.
8. **Kolettas E**, Kovatcev D and Bonanou-Tzedaki S. (1997). Expression of hsp70 in thalassaemic mononuclear cells. *Poster 9*, Molecular & Cellular Pharmacology group meeting of the Biochemical Society on 'Cellular responses to stress', Dundee University, UK, 29-31/7/1997
9. **Kolettas E**, Hardingham TE, Muir HI and Barrett JC. (2000). Inhibition of the chondrocyte phenotype and cell survival by IL-1 is mediated by the master chondrocyte-regulatory Sox9 gene and is relieved by IGF-1. *Poster E35*, XVII<sup>th</sup> FECTS meeting, University of Patras, Greece, 1-5 July 2000.
10. **Kolettas E**, Barrett JC and Muir HI. (2000). Neither SV40 large-T antigen expression nor immortalisation by itself abrogates chondrocyte-specific gene expression. *Poster E36*, XVII<sup>th</sup> FECTS Meeting, University of Patras, Greece, 1-5 July 2000.
11. **Kolettas E**, Evangelou A, Bonanou-Tzedaki S and Gonos ES. (2000). Thermal responses and cell survival of a spontaneously immortalised human keratinocyte cell line and oncogene-expressing lines derived from it: Role of heat shock proteins and clusterin/apoJ. *Poster 1423*, 18<sup>th</sup> International Congress of Biochemistry and Molecular Biology on 'Beyond the Genome: Understanding and exploiting molecules and cells in the 3<sup>rd</sup> millennium', International Convention Centre, Birmingham, England, 26-20 July 2000.
12. **Kolettas E**, Tenopoulou M, Galaris D, Gonos ES and Evangelou A (2000). Vanadium inhibits HaCaT cell proliferation but it does not induce apoptosis. *Poster*, FESTEM Meeting, Venice, Italy, 16-21 May 2000.
13. Kontargiris E, **Kolettas E**, Vadalouca A, Koutsoukou V, Evangelou A and Kalfakakou V. (2002). Zn-Endopeptidase (NEP) related to ropivacaine effects on HaCaT cells. *Abstract OP41*, pp 112; 'ALGOS 2002', World Institute of Pain Int. Symposium, Santorini, Greece, 21-24/09/2002
14. Kontargiris E, Kalfakakou V, Vadalouca A, Evangelou A, Gonos ES and **Kolettas E**. (2002). Ropivacaine-induced apoptosis of HaCaT cells is blocked by ectopic expression of clusterin/apolipoprotein J. *HSBMB Newsletter* 49:149-153 [Proceedings of the 54<sup>th</sup> Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Greece].
15. Tenopoulou M, **Kolettas E**, Frilingos S, Gonos ES and Galaris D. (2002). The role of clusterin (ApoJ) and Bcl-2 in DNA damage and apoptosis in cells exposed to H<sub>2</sub>O<sub>2</sub>. *HSBMB Newsletter* 49:341-345 (Proceedings of the 54<sup>th</sup> Conference of HSBMB, Greece).
16. Markopoulou S and **Kolettas E**. (2006). p53<sup>143ala</sup> sensitised human diploid fibroblasts to C<sub>2</sub>-ceramide-induced apoptosis: Role of Bcl-2. *Poster*, Hellenic Society of Biosciences, Athens, Greece, April 2006.
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  42. Markopoulos G, Roupakia E, Marcu KB and **Kolettas E\***. (2019). Epigenetic regulation of inflammatory cytokine-induced epithelial-to-mesenchymal cell transition and in the generation of cancer stem cells. *Cells* 8(10), Sep 25, pii: E1143 (10.3390/cells8101143). (IF: 6.0)

43. Chavdoula E, Habel DM, Roupakia E, Markopoulos GS, Vasilaki E, Kokkalis A, Polyzos A, Boleti H, Thanos D, Klinakis A, **Kolettas E\*** and Marcu KB\*. (2019). CHUK/IKK $\alpha$  loss in lung epithelial cells enhances non-small cell lung cancer (NSCLC) growth associated with HIF up-regulation. **Life Science Alliance** 2(6):e201900460 (10.26508/lsa.201900460). (IF: 5.781)  
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44. Ntellas P, Mavroeidis L, Gkoura S, Gazouli I, Amylidou A-L, Papadaki A, Zarkavelis G, Mauri D, Karpathiou G, **Kolettas E**, Batistatou A and Pentheroudakis G. (2020). Old player-new tricks: Non angiogenic effects of the VEGF/VEGFR pathway in cancer. **Cancers** 12(11):E3145 (10.3390/cancers12113145) (IF: 5.2)
45. Tsiailanis A, Renziehausen A, Kiriakidi S, Vrettos EI, Markopoulos GS, Sayyad N, Hirmiz B, Aguilar M-I, Del Borgo MP, **Kolettas E**, Widdop RE, Mavromoustakos T, Crook T, Syed N and Tzakos AG. (2020). Enhancement of glioblastoma multiforme therapy through a novel Quercetin-Losartan hybrid. **Free Rad. Biol. Med.** 160:391-402. (IF: 7.40)
46. Roupakia E, Markopoulos GS and **Kolettas E\***. (2021). Genes and pathways involved in senescence bypass identified by functional genetic screens. **Mech. Ageing Dev.** Jan 8; 194:111432 (10.1016/j.mad.2021.111432) (IF: 5.30)  
*For the special MAD issue on 'The bright and dark side of cellular senescence'* (Eds: V.G. Gorgoulis, University of Athens Medical School, Greece; R. DiMicco, Telethon Institute for Gene Therapy, Ospedale San Raffaele, Milan, Italy; M. Kovatcheva, Institute for Research in Biomedicine, Barcelona, Spain; <https://www.sciencedirect.com/journal/mechanisms-of-ageing-and-development/special-issue/10S35Q64NBZ>)
47. Basagiannis D, Zografou S, Goula E, Gkeka D, **Kolettas E** and Christoforidis S. (2021). Chemical inhibitors of dynamin exert differential effects in VEGF signalling. **Cells** 10(5):997; (10.3390/cells10050997) (IF: 6.0)
48. Diamantis DA, Agalou A, Chatziathanasiadou MV, Markopoulos GS, Bellou S, Kanaki Z, Crook T, Syed N, Rampias T, Klinakis A, **Kolettas E**, Beis D and Tzakos AG. (2021). Biotin-Yellow a biotin guided NIR turn-on fluorescent probe for cancer targeted diagnosis. **Sensors and Actuators: B. Chemical** 337:129807 (10.1016/j.snb.2021.129807). (IF: 8.40)
49. Roupakia E, Chavdoula E, Karpathiou G, Vatsellas G, Hatzopoulos D, Kriegsmann K, Kriegsmann M, Mela A, Gillette JM, Batistatou A, Goussia A, Marcu KB, Karteris E, Klinakis A and **Kolettas E\***. (2021). Canonical NF- $\kappa$ B promotes lung epithelial cell tumour growth by downregulating the metastasis suppressor CD82 and enhancing epithelial-to-mesenchymal cell transition. **Cancers** 13(17):4302. doi:10.3390/cancers13174302 (IF: 5.20)
50. Foutadakis S, Roupakia E, Liakopoulos P, Kolovos P\* and **Kolettas E\***. (2022). An expanded interplay network between NF- $\kappa$ B p65 (RelA) and E2F1 transcription factors: Roles in cell physiology and pathology. **Cancers** 14:5047 (10.3390/cancers14205047) (IF: 5.20)
51. Ntinopoulou M, Cassimos D, Roupakia E, **Kolettas E**, Panopoulou M, Mantadakis E, Konstandinidis Th and Chrysanthopoulou A. (2023). IL-17A-enriched Neutrophil Extracellular Traps promote immunofibrotic aspects of childhood asthma lung attack. **Biomedicines** 11 (8):2104 (doi.org/10.3390/biomedicines11082104) (IF: 4.70)

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## **METRICS**

• **Total Journal Impact factor 2023:** 460

• **Citations:**

Google Scholar: > 4030, *h25*; <http://scholar.google.gr/citations?user=3hbUwhIAAAJ&hl=el>

Scopus: > 2850, *h21*; <https://www.scopus.com/authid/detail.uri?authorId=6602856311>

ResearchGate: > 3730, *h23*; [https://www.researchgate.net/profile/Evangelos\\_Kolettas](https://www.researchgate.net/profile/Evangelos_Kolettas)

## **CONFERENCES (43 National, British, European and International Conferences attended)**

1. EMBO/CRC/NIEHS Workshop on 'Tumour Suppressor Genes and Negative Growth Regulation', Nethybridge, Scotland, UK, 17-21 April 1988.
2. Royal Society Workshop on 'DNA Methylation and Gene Expression', London, UK, 03/1988.
3. MRC National Institute for Medical Research Scientific Conference on 'Developmental Biology

- and Cellular Processes', University of Warwick, Coventry, England, UK, 22-23/09/1988.
4. British Society for Cell Biology & British Connective Tissue International Society Meeting on '*Cell Biology of Cartilage & Bone*', Christ Church College, University of Oxford, 17-20/09/1990.
  5. Inaugural Symposium of the CRC/Wellcome Trust Institute of Developmental Biology and Cancer, on '*Developmental Biology and Cancer*', University of Cambridge, UK, July 1991.
  6. West London Cancer Research Group Meeting on '*Cellular, Molecular and Clinical aspects of Cancer*', Charing Cross & Westminster Medical School, University of London, UK, 08/05/1992.
  7. '*Wound Healing*' workshop, British Society for Research into Ageing, King's Fund Centre, London, UK, 15 February 1993.
  8. British Connective Tissue Society workshop on '*Cartilage Structure and Osteoarthritis*', Lilly Research Centre, Earl Wood, Windlesham, Surrey, England, UK, 21 May 1993.
  9. CRC/Beatson Institute International Cancer Conference on '*The clinical, cellular and molecular aspects of squamous cell carcinomas*', Glasgow, Scotland, UK, 11-15 July 1993.
  10. Annual Meeting of the British Society for Investigative Dermatology, on '*Cellular, molecular and clinical Dermatology*', University of Nottingham, England, 20-21 September 1993.
  11. Meeting of the British Association for Cancer Research and the British Royal Society of Surgery, on '*Cellular, Molecular and Clinical Oncology*', London, England, UK, 19/11/1993.
  12. Meeting of West London Matrix Biology Group on '*The molecular basis of extracellular matrix in health and disease*', Imperial College, University of London, UK, 23 November 1993.
  13. The Royal Society, meeting on '*Death from inside out: The role of apoptosis in development, tissue homeostasis and malignancy*', London, England, UK, 23-24 February 1994.
  14. Meeting of the West London Matrix Biology Group on '*Current research in matrix biology*', Imperial College, University of London, England, UK, 10 March 1994.
  15. 5<sup>th</sup> International Conference on '*The molecular biology and pathology of matrix*', Institute of Molecular Medicine, Thomas Jefferson University, Philadelphia, USA, 19-22 June 1994.
  16. 45<sup>th</sup> Conference of the Hellenic Society of Biochemistry & Biophysics, University of Patras, Greece, 10-11 May 1996.
  17. 4<sup>th</sup> Conference, Hellenic Society of Connective Tissue Research, Athens, Greece, 13/05/2000.
  18. XVII<sup>th</sup> FECTS meeting, University of Patras, Patras, Greece, 1-5 July 2000.
  19. 54<sup>th</sup> Conference of the Hellenic Society of Biochemistry & Molecular Biology (HSBMB), University of Ioannina, Greece, 10-12 October 2002.
  20. 28<sup>th</sup> Conference of Hellenic Society of Biological Sciences, Ioannina, Greece, 18-20 May 2006.
  21. 58<sup>th</sup> Conference of the HSBMB, University of Patras, Greece, 9-11 November 2006.
  22. 12<sup>th</sup> Congress, Int. Association of Biomedical Gerontology, Spetses, Greece, 20-24/5/2007.
  23. International Conference on '*Molecular targets for cancer prevention, diagnosis and treatment*', University of Cyprus, Lemesos, Cyprus, 7 -10 October 2008.
  24. 59<sup>th</sup> Conference of the HSBMB, Athens, Greece, 7-9 December 2007.
  25. 5<sup>th</sup> *Clusterin/Apolipoprotein J* (CLU) Workshop, Spetses Island, 2-5 June 2008.
  26. 6<sup>th</sup> Conference, Society of Free Radicals & Oxidative Stress, Ioannina, Greece, 18-21/9/2008.
  27. 1<sup>st</sup> International Molecular Cancer Research Conference, on '*Inflammation & Cancer*', '*Cancer signalling pathways & crosstalks*' and '*Targeted therapies in cancer*', Hellenic Association for Molecular Cancer Research, Royal Olympic Hotel, Athens, Greece, 27-29/11/2009
  28. Workshop on '*Genomic determinants of inflammation*' organised by the EU FP7-funded research consortium '*Model-In*', Hotel Amarilia, Vouliagmeni, Athens, Greece, 2-3 April 2012.
  29. '*1<sup>st</sup> European NF- $\kappa$ B subunit workshop*' (organised by Prof N. Perkins, Newcastle University & Prof. L. Schmitz, Justus-Liebig University of Giessen), University of Giessen, Germany, 1-3/10/2012.
  30. 1<sup>st</sup> World Hellenic Biomedical Association (WHBA) postgraduate symposium in '*Translational Medicine*' with the support of the University of Ioannina. Round Table with Prof. Harald zur Hausen (Nobel Laureate), Dr. K. Drosatos, WHBA President, Ioannina, Greece, 28/02/2012.
  31. Scientific meeting of the Institute of Molecular Biology and Biotechnology (IMBB), Foundation of Research & Technology (FORTH), Herakleion, Crete, Greece, 27-28 April 2013.
  32. INsPiRE international workshop on: '*Oncogenic pathways & antitumour responses*', Biomedical Research Foundation Academy of Athens (BRFAA), Greece, 23-25/04/2014.
  33. '*2<sup>nd</sup> European NF- $\kappa$ B subunit workshop*' [organised by Drs S. Rocha (Dundee), N. Perkins, (Newcastle), R. Carmody (Glasgow) & L. Stark (Edinburgh), K. Campbell (Glasgow)], Atholl Palace Spa Hotel, Pitlochry, Scotland, UK, 6-8 October 2014.

34. 65<sup>th</sup> Conference of the HSBMB, Thessaloniki, Greece, 9-11 November 2014.
35. 1<sup>st</sup> International workshop on '*Reshaping drug discover. The intrinsically disordered proteome as drug target*' [Organising Committee: K. Dunker (USA), A. Tzakos (GR)], UoI, Greece, 19/06/2015.
36. 66<sup>th</sup> Conference of the HSBMB, Eugenides Foundation, Athens, Greece, 11-13/12/2015.
37. Scientific meeting of the Institute of Molecular Biology & Biotechnology (IMBB), Foundation of Research & Technology (FORTH), Herakleion, Crete, Greece, 20-22 May 2016.
38. '*3<sup>rd</sup> European NF- $\kappa$ B subunit workshop*', Corfu Chandris Hotel & Villas, Dassia, Corfu, Greece, 3-5 October 2016 (<http://nf-kappab.eu/>); [Member of the organising/scientific committee: D. Thanos (BRFAA), E. Kolettas (UoI), M. Angelopoulos (BRFAA), G. Mosialos (AUTH)]
39. 67<sup>th</sup> Conference of Hellenic Society of Biochemistry & Molecular Biology, Conference Center, UoI, Greece, 24-27 2016; Member of the organising/scientific committee ([www.eebmb2016.gr](http://www.eebmb2016.gr))
40. 12<sup>th</sup> Molecular Oncology & Targeted Therapies Workshop, Round table Chair on '*Genomic atlases of solid tumours*', organised by the Department of Medical Oncology, University of Ioannina Medical School (UoIMS), the Oncology Clinic, UoI Hospital, and the Society for Tumour heterogeneity, Hotel Du Lac, Ioannina, Greece, 31/3-1/4, 2018.
41. '*13<sup>rd</sup> Molecular oncology & targeted therapies*' workshop, organised by the: Department of Medical Oncology, UoIMS & Oncology Clinic, UoI Hospital, and the Society for Tumour heterogeneity, Greece, 29-30 March 2019.
42. 17<sup>th</sup> Annual Congress of the Panhellenic Society of Pathology, 23-26 June 2021 (Virtual, online).
43. '*14<sup>th</sup> Molecular oncology & targeted therapies*' workshop. Session Chair 08/09/2023, organised by the: Department of Medical Oncology, UoIMS & Oncology Clinic, UoI Hospital, and the Society for Tumour heterogeneity, Greece, 07-09 September 2023.

## SCIENTIFIC LECTURES (35 as Invited speaker)

1. '*Cooperation of ras and myc oncogenes in rat and human embryonic fibroblasts*'. Biochemistry, Dept., Charing Cross & Westminster Medical School, London (Prof. Alan Malcolm), 18/01/1991
2. '*Role of cytoplasmic and nuclear oncogenes on rat and human embryonic fibroblasts*'. Anatomy Dept., University of Cardiff College of Medicine, Wales (Prof. Charles Archer), 8/12/1991.
3. '*Attempts to immortalise human articular chondrocytes using temperature-sensitive oncogenes delivered by retroviral-mediated gene transfer*'. Division of Biochemistry, Kennedy Institute of Rheumatology, Hammersmith, London, UK (Dr M. Bayliss & Prof Tim Hardingham), 12/03/1992
4. '*Comparison of the effects of the collaborating cytoplasmic and nuclear oncogenes on human and rat cells*'. Biology Lab, University of Ioannina Med Sch, Greece (Dr T. Tzavaras), 6/12/1993
5. '*Heparin inhibits the growth of human keratinocytes: The effects of oncogenes encoding protein tyrosine kinases (PTKs)*'. Annual Meeting of the British Society for Investigative Dermatology, Nottingham, UK, 20-21 September 1993.
6. '*The effects of a thermolabile SV40 large T-antigen on human chondrocytes*'. Biochemistry Lab, Chemistry Dept., University of Patras, Greece (Dr D. Vinyos & Prof. C. Tsiganos), 26/10/1993.
7. '*Isolation and characterisation of conditionally immortalised articular chondrocyte cell lines from adult homozygous H-2K<sup>b</sup> tsA58 transgenic mice*'. West London Matrix Biology Group meeting, Imperial College, University of London, UK, 10 March 1994.
8. '*Use of conditionally immortalised articular chondrocyte cell lines isolated from adult homozygous H-2K<sup>b</sup> tsA58 transgenic mice*'. 5<sup>th</sup> International Conference on '*The Molecular Biology and Pathology of Matrix*'. Thomas Jefferson University, PA, USA (Organisers: Prof. Darwin Prockop, Thomas Jefferson U & Prof. Bjorn R. Olsen, Harvard Medical School), 19-22/06/1994
9. '*Regulation of decorin gene expression by cytoplasmic oncogenes in a spontaneously-immortalised human keratinocyte line*'. Department of Medical Oncology, Charing Cross & Westminster Medical School, University of London (Prof. Charles Coombes), 9/9/1994.
10. '*Regulation of decorin gene expression by cytoplasmic oncogenes*', 45<sup>th</sup> Conference of Hellenic Society of Biochemistry & Biophysics (HSBB), University of Patras, Greece, 10-11 May 1996.
11. '*Regulation of phenotypic expression and survival of mammalian chondrocytes by cytokines and culture conditions*', 45<sup>th</sup> Conference of HSBB, University of Patras, Greece, 10-11/05/1996
12. '*Factors regulating mammalian chondrocyte growth, differentiation and cell survival*'. Wellcome Trust Centre for Cell-Matrix Research/Biochemistry Division, University of Manchester, UK (Prof. Tim Hardingham), 24 February 1997.

13. '*Regulation of phenotypic expression and survival of mammalian chondrocytes by cytokines and culture conditions*', Laboratory of Molecular Oncology, Institute of Biology & Biotechnology, National Hellenic Research Foundation, (Dr. Efsthios S. Gonos), 18 April 1997.
14. '*Regulation of chondocyte survival*'. 4<sup>th</sup> Conference of the Hellenic Society of Connective Tissue Research, Hippokrateion Hospital, Athens, (Dr Aris Charonis), 13 May 2000.
15. '*Probing the mechanisms of action of collaborating viral ras and myc oncogenes in mammalian cells*'. Centro Unificato di Ricerca Biomedica Applicata (CURBA), University of Bologna, Italy, (Prof. P. Chieco and Ken B. Marcu, CURBA, University of Bologna, Italy), 16 October 2002.
16. '*The role of oncogenic stress on the homeostasis of human fibroblasts*', Dermatology Clinic, University Hospital Medical School, University of Ioannina (Prof. I. Hatzis), 11 February 2004.
17. '*Bcl-2-mediated apoptotic block is linked to cell cycle arrest*'. Department of Biological Sciences, University of Cyprus, Nicosia, Cyprus, (Prof. A. I. Constantinou), 10 December 2004.
18. '*Bcl-2-mediated apoptotic block to 2-methoxyestradiol linked to G<sub>1</sub>/S cell cycle arrest involves nuclear association of Bcl-2 and up-regulation of p27<sup>Kip1</sup>*'. UoI Med School, Greece, 15/3/2006.
19. '*The role of Bcl-2 on 2-methoxyestradiol-induced apoptosis*'. Laboratory of Biological Chemistry, University of Ioannina Medical School, Greece, 29 April 2006.
20. '*Constitutively activated IKK $\beta$  rescues human diploid fibroblasts from RasV12-induced premature senescence*'. 58<sup>th</sup> HSBMB Conference, University of Patras, Greece, 9-11/11/2006.
21. '*2-methoxyestradiol: From basic science to clinical applications*'. Interdepartmental scientific lectures on Molecular Oncology, University of Ioannina, Greece, 01 May 2007.
22. '*2-methoxyestradiol, a promising antitumour agent: From basic research to the clinic*', International Conference on 'Molecular targets for cancer prevention, diagnosis and treatment', University of Cyprus, Lemesos, Cyprus, 7-10 October 2008.
23. '*Vanadium-induced apoptosis of HaCaT cells is mediated by c-fos and involves up-regulation of nuclear clusterin/apolipoprotein J*'. 5<sup>th</sup> Clu/Apo J workshop, Spetses, Greece, 2-5/06/2008
24. '*The role of NF- $\kappa$ B on replicative and oxidative-stress-induced senescence*'. 6<sup>th</sup> Hellenic Conference of the Society of Free Radicals & Oxidative Stress, Ioannina, 18-21/09/2008.
25. '*The role of NF- $\kappa$ B on DNA damage responses*', Biology Lab, UoIMS, Greece, 5/6/2009
26. '*Functional roles and mechanisms of action of IKK $\alpha$ - and IKK $\beta$ -mediated NF- $\kappa$ B signalling during lung carcinogenesis*', 1<sup>st</sup> World Hellenic Biomedical Association (WHBA) post-graduate symposium in *Translational Medicine*, University of Ioannina, 28 February 2012.
27. '*Function of NF- $\kappa$ B catalytic subunits in cell proliferation and lung cancer*', Scientific meeting of the Institute of Molecular Biology and Biotechnology (IMBB), Foundation for Research & Technology (FORTH), Herakleion, Crete, Greece, 27-28 April 2013.
28. '*Impact of IKK $\alpha$  on cell growth and urethane-induced lung tumourigenesis*', Scientific meeting of the IMBB-FORTH, Herakleion, Crete, Greece, 20-22 May 2016.
29. '*Different functional roles of IKK $\alpha$  and IKK $\beta$  in NSCLC development*'. '3<sup>rd</sup> European NF- $\kappa$ B subunit workshop', Chandris Hotel, Corfu, Greece, 3-5 October 2016 (<http://nf-kappab.eu/>).
30. '*An IKK $\beta$ -miRNA pathway involved in oncogene-initiated senescence*', Fondation Santé Fellows Symposium (organiser Prof. S. Artavanis-Tsakonas), Ionic Centre, Plaka, Athens, 06/10/2017
31. '*NF- $\kappa$ B - miRNA Regulatory Network in non-small cell lung cancer*'. Invited speaker, 12<sup>th</sup> Molecular Oncology & Targeted Therapies Workshop, organised by the: Society for Tumour heterogeneity, Department of Medical Oncology, University of Ioannina Medical School & Oncology Clinic University Hospital, Ioannina, Greece, 30-31/03/2018.
32. '*Role of tetraspanins in cell homeostasis and cancer*'. Invited speaker, 13<sup>rd</sup> Molecular Oncology & Targeted Therapies Workshop, organised by the: Society for Tumour heterogeneity, Medical Oncology Dept., UoI Medical School & University Hospital of Ioannina, 29-30/03/2019.
33. '*Impact of canonical versus noncanonical NF- $\kappa$ B signalling in lung carcinogenesis*', School of Life Sciences, University of Essex, Colchester, UK (Dr. Charalampos Rallis), 18/02/2021.
34. '*Canonical vs noncanonical NF- $\kappa$ B signalling in lung carcinogenesis*', Department of Biochemistry and Biomedicine, School of Life Sciences, University of Sussex, UK (Prof. Georgios Giamas, Head of the Department of Biochemistry & Biomedicine), 16/04/2021.
35. '*NF- $\kappa$ B signalling pathways in lung carcinogenesis*', Division of Biosciences, Department of Life Sciences, College of Health, Medicine & Life Sciences, Brunel University London, UK (Dr. Emmanouil Karteris, Reader in Biomedical Sciences), 16/03/2023 (live).