

PANAGIOTIS GALANOS

Personal & Contact Details

Date of birth	30 th April 1985 in Cholargos, Athens, Greece
Nationality	Greek
Marital Status	Single
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Work Experience

Jan 16–	Postdoctoral Researcher National and Kapodistrian University of Athens, School of Medicine, Laboratory of Histology-Embryology, Molecular Carcinogenesis Group, Greece <ul style="list-style-type: none">• Continuation of research on DNA Repair Pathways in precancerous and cancerous lesions• Scientific article writing, submission and publication• Training of new Master and PhD students
Jan 16- Oct 16	Private of the Medical Corps - Specialization: Biologist Compulsory Military Service in the Hellenic Army at the Department of anatomical and cellular pathology (Head of Department: Colonel Dr. Tzilalis Thomas) 401 Army General Hospital of Athens, Greece <ul style="list-style-type: none">• Immunohistochemical analysis• Emergency Room Assistant and Patient Electronic Filing
Nov 12- Dec 15	Doctoral Researcher National and Kapodistrian University of Athens, School of Medicine, Laboratory of Histology-Embryology, Molecular Carcinogenesis Group, Greece Project title: “Role of Cdc6 in sustained expression of p21^{WAF1/CIP1}. Role of this cascade in carcinogenesis.”

- Jun 11- Sep 12 **Master Student**
- National and Kapodistrian University of Athens, School of Medicine,
Laboratory of Histology-Embryology, Molecular Carcinogenesis
Group, Greece
Project title: **“Study of Wip1 expression in Non- Small Cell Lung
Cancer (NSCLC)”**
- Mar 07- Jun 09 **Practical Trainee and Diploma Student**
- National and Kapodistrian University of Athens, School of Medicine,
Laboratory of Histology-Embryology, Molecular Carcinogenesis
Group, Greece
Project title: **“Genetic alterations of the binding sequences with
tumor suppressor protein p53 of PIG3 in lung cancer”**
- Sep 09- Jun 15 **Biology Tutor**
- Preparation for high-school’ final exams to enter Medical
Universities of Greece and abroad

Education

Nov. 2012 – Nov. 2015: PhD in Medicine

Project: **“Role of Cdc6 in sustained expression of p21^{WAF1/CIP1}. Role of this cascade in carcinogenesis.”**

Laboratory of Histology-Embryology Molecular Carcinogenesis Group

Supervisor: Prof. Vassilis Gorgoulis, Professor of Histology and Embryology, School of Medicine, National and Kapodistrian University of Athens, Greece

Dec. 2010 – Dec. 2012: Master’s in Sciences “Applications of Biology in Medicine”

Collaboration between the Faculty of Biology & the School of Medicine, NKUA

Grade: 8.4/10

Master Diploma Thesis : **“Study of Wip1 expression in Non- Small Cell Lung Cancer (NSCLC)”**
Graded with 10/10, “Excellent”

Supervisor: Prof. Vassilis Gorgoulis, School of Medicine, NKUA

Collaborating researchers: Assist. Prof. Athanassios Kotsinas, School of Medicine. Assist. Prof. Ioannis Trougakos, Faculty of Biology

Sept. 2003 – Sept. 2009: Bachelor Degree in Biology, National & Kapodistrian University of Athens

Mark: 6.84/10

Experimental Thesis: **“Genetic alterations of the binding sequences with tumor suppressor protein p53 of PIG3 in lung cancer”** Graded with extinction (10/10)

Supervisor: Assist. Prof. Athanassios Kotsinas, School of Medicine

Collaborating researchers: Assist. Prof. Dimitrios Stravopodis, Faculty of Biology

Sept. 2000 – June 2003: High School Diploma (High School in Lykovrissi)

Publications

p21^{WAF1/Cip1} - PCNA: Fatal attraction. **Galanos P**, Pappas G, Gorgoulis VG [Cell Cycle 2016 Aug](#)

The Janus face of p21. Evangelou K, **Galanos P**, Gorgoulis VG [Molecular & Cellular Oncology 2016 July](#)

Chronic p53-independent expression of p21^{WAF1/Cip1} deregulates replication licensing, leading to replication stress and genomic instability. **Galanos P**, Vougas K, Walter D, Polyzos A, Maya-Mendoza A, Haagensen EJ, Kokkalis A, Roumelioti F-M, Gagos S, Tzetzis M, Canovas B, Igea A, Ahuja AK, Zellweger R, Havaki S, Kanavakis E, Kletsas D, Garbis SD, Lopes M, Nebreda A, Thanos D, Blow JJ, Townsend P, Sørensen CS, Bartek J, Gorgoulis VG. [Nat Cell Biol 2016 Jul \(COVER\)](#)

Oncogenic Role of the Ec Peptide of the IGF-1Ec Isoform in Prostate Cancer. Armakolas A, Kaparelou M, Dimakakos A, Papageorgiou E, Armakolas N, Antonopoulos A, Petraki C, Lekarakou M, Lelovas P, Stathaki M, Psarros C, Donta I, **Galanos P**, Msaouel P, Gorgoulis VG, Koutsilieris M. [Mol Med 2015 Jan](#)

MKK7 and ARF: new players in the DNA damage response scenery. Kotsinas A, Papanagnou P, **Galanos P**, Schramek D, Townsend P, Penninger JM, Bartek J, Gorgoulis VG. [Cell Cycle 2014 Apr](#)

Why is p53-inducible gene 3 rarely affected in cancer? Kotsinas A, Pateras IS, **Galanos P**, Karamouzis MV, Sfrikakis PP, Gorgoulis VG. [Oncogene 2010 Jul](#)

Skills

Languages

- Greek Native Proficiency
- English Full Professional Proficiency (Michigan Proficiency, 2004)
- German Basic Level

Computers

- Microsoft Office (Word, Excel, Powerpoint)
- Corel Draw, Photoshop, ImageJ
- Flow Cytometry Analysis (BD FACS Suite)

Methods and Techniques

Molecular Cloning Oligonucleotide selection (primer designing), restriction enzyme digestion & ligation, bacterial transformation & amplification, small-large scale plasmid preparation

DNA & RNA	Isolation, PCR, RT-PCR, Real-Time PCR & electrophoresis
Protein	Expression, Isolation, Western blot analysis & (Simple, Co- & Chromatin) Immunoprecipitation
Microscopy	Light, Fluorescent, Confocal
Cell Culture	Primary & Immortalized cell lines (handling, expansion, freezing), Proliferation assay (BrdU, EdU, ³ H-thymidine), Colony Formation (Soft Agar Assay), Transfection (Lipofectamine & Effectene), Lenti- & Retro-viral Transduction, Cytotoxicity (MTT), Senescence & Apoptosis Assays (TUNEL, DNA-laddering, Sa-β-gal & SudanBlack-B staining) & DNA Damage assay (comet assay)

Honors and Awards

Sep 16	Awarded for outstanding poster presentation in the EMBO Workshop “Nuclear function and cell fate choice”
Jan 16- Oct 16	Hellenic Association for Molecular Cancer Research PostDoc Scholarships National and Kapodistrian University of Athens, School of Medicine, Laboratory of Histology-Embryology, Molecular Carcinogenesis Group, Greece
Dec 14- Dec 15	One-year Scholarship from “ARISTEIA II” program, project name TransProFeat Cdc6, funded by the GSRT 2014-2015 Biomedical Research Foundation of the Academy of Athens (BRFAA), Gorgoulis’ Group, Greece
Jun 10	Awarded scientific work in the 12th Greek Pathology Conference

Conferences

September 2016- EMBO Workshop: NUCLEAR FUNCTION AND CELL FATE.

Kind of participation: Poster

Title: “Chronic p53-independent p21 expression shifts from excision repair to error-prone double strand break repair”

November 2015- 66th Congress of the Hellenic Society of Biochemistry and Molecular Biology.

Kind of participation: Speaker

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Title: “Chronic p53-independent expression of p21^{WAF1/Cip1} deregulates replication licensing, leading to replication stress and genomic instability”

October 2015- EMBO Conference: THE DNA DAMAGE RESPONSE IN CELL PHYSIOLOGY AND DISEASE.

Kind of participation: Speaker

Title: “Protracted p53-independent expression of p21^{WAF1/Cip1} deregulates the replication licensing machinery and fuels genomic instability”

April 2014 INsPIRE International Workshop- ONCOGENIC PATHWAYS AND ANTI-TUMOR RESPONSES

June 2013 International workshop on: Ageing and Cancer cell biology

2001: 6th CONFERENCE OF THE EUROPEAN YOUTH PARLIAMENT

References

Prof. Dr. V.G. Gorgoulis **Head of Histology- Embryology Department and Leader of Molecular Carcinogenesis Group, Medical School, National Kapodistrian University of Athens**

Mikras Asias 75, 11527, Athens, Greece

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Ass. Prof. A. Kotsinas **Histology- Embryology Department and Molecular Carcinogenesis Group, Medical School, National Kapodistrian University of Athens**

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