

June 20, 2022

BIOGRAPHICAL

NAME: DIONYSIOS J. PAPACHRISTOU, M.D., Ph.D.

BIRTH DATE: August 10, 1970

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<http://rdo.upatras.gr/v1/person/view/1105>

EDUCATION AND TRAINING

1988-1995 Patras University Medical School, Athens, Greece, M.D.

1998-1999 Department of Surgery, Aegion General Hospita, Aegion, Greece, Residency

1999-2000 Department of Orthopedics, "Karamandanio" Children's Hospital of Western Greece,
Patras, Greece, Residency

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2000-2006 Department of Pathology, University of Patras and University of Ioannina, Medical School, Greece, Residency

2007 Greek/EU Certification in Anatomic Pathology

2006 Visiting Clinician, Department of Pathology, Mayo Clinic, Rochester, MN, U.S.A.

2004-2005 Research Fellow, Department of Pathology, University of Pittsburgh, School of Medicine, Pittsburgh, PA, U.S.A.

1999-2003 Department of Biological Chemistry, University of Patras, Medical School, Patras, Greece, (Degree: Ph.D.)

APPOINTMENTS AND POSITIONS

2018 Full Professor, Department of Anatomy-Histology-Embryology, Coordinator of the Laboratory of Bone and Soft Tissue Studies, University of Patras, School of Medicine, Patras, Greece

2013-2018 Associate Professor, Department of Anatomy-Histology-Embryology, Coordinator of the Laboratory of Bone and Soft Tissue Studies, University of Patras, School of Medicine, Patras, Greece

2007-present Adjunct Professor, Department of Pathology, School of Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA

2012-present Coordinator of the Intra-University Research Network "OsteoNet"

2009-2013 Assistant Professor, Department of Anatomy-Histology-Embryology, Coordinator of the Laboratory of Bone and Soft Tissue Studies, University of Patras, School of Medicine, Patras, Greece

2007-2008 Visiting Instructor (Full-time Faculty) of Pathology, University of Pittsburgh Medical Center, Pittsburgh, PA

2020-today: Vice President Hellenic Group of Sarcoma and Rare Tumors

PROFESSIONAL CERTIFICATION AND LICENSURE

1995	Medical Doctorate, Patras University Medical School, Greece.
1995	Greek/EU Medical License
2003	PhD
2007	Greek/EU Pathology License

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

- Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**)
- European Society of Pathology (**ESP**)
- European Calcified Tissue Society (**ECTS**)
- Osteoarthritis Research Society International (**OARSI**)
- International Bone and Mineral Society (**IBMS**)
- European Association for Cancer Research (**EACR**)
- Greek Society of Pathology
- Hellenic Medical Society
- European Lipoprotein Club (**ELC**)
- FP7-Marie Curie Alumni
- Hellenic Group of Sarcoma and Rare Tumors

AWARDS AND RECOGNITIONS

- 2019: Scientific Committee of the Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**)
- 2018: Highly-read Authors Award for the invited review paper: Papachristou NI, Blair HC, Kypreos KE, **Papachristou DJ**. Lipoprotein metabolism and bone mass. *Journal of Endocrinology* 233 (2), R95-R107, 2017
- 2014-today: Marie-Curie Alumni
- 2017-today: Member of the Greece and Cyprus Masterclass of Sarcomas and Rare Tumors
- June 2017: Invited Lecture at Oxford University, UK, Botnar Seminar Series. Title of the invited lecture: "Bone and High-Density Lipoprotein: The beginning of a beautiful friendship"
- October 2014: Award for the best oral presentation during the 6th Congress of the Greek Association of Bioengineers for the study: "Morphological and biomechanical properties of osteoporotic femora"

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- June 2014: Award for the best oral presentation during the 14th Congress of the Greek Society of Pathology (Athens, 18-21 June 2014) for the study entitled "Study of the role of Drosha, Dicer and Ago2, centra; componets of the microRNA machinery in the pathogenesis and biological behaviour of non-small cell lung carcinomas"
- May 2014: 1st Award in the field of Basic Research during the 41th Greek Endocrinology and Metabolism Congress for the study: «Nrf2 Is Commonly Activated in Papillary Thyroid Carcinoma, and It Controls Antioxidant Transcriptional Responses and Viability of Cancer Cells».
- March 2014: Dr. Papachristou's Lab PhD Student, Mrs Elena Kalyvioti won the prestigious New Investigator of the European Calcified Tissue Society (ECTS) for the study: "*Novel evidence that Apolipoprotein A-I deficiency is implicated in the pathogenesis of osteoporosis in mice*"
- July-August 2011: Visiting Scholar, Department of Pathology, University of Pittsburgh, Pittsburgh, PA, USA
- Award from "Eurobank" and SEB entitled "*Greek Innovations*" (2011)
- 1st award of the Hellenic Orthopedic Surgery Society (EEXOT) for the best research paper, "D. Manios Award", Athens October 2011
- October 2010, Karathodori Research Award, University of Patras
- May 2008, 1st Award, Hellenic Society of Pathology
- October 2006, "Vicky Zachariou" 1st Award, EEXOT (College of Greek Orthopedic Surgeons)
- May 2006, "JC Agnantis" 1st Award winner, "Bone and Soft Tissue Pathology", European Intercongress of Pathology, International Academy of Pathology
- April 2004, "*Sotirios Papastamatis*" 1st Award winner, Hellenic Medical Association
- May 2003, 1st Award winner, Mediterranean Conference, International Academy of Pathology

PROFESSIONAL ACTIVITIES

Academic Activities:

2022-present: Coordinator of the "Bone and Soft Tissue Working Group" of the Hellenic Society of Pathology

2022: Guest Editor: Special Issue "Advances in the Biology and Therapy of Bone Tumors" for the "International Journal of Molecular Sciences"

2020-present: Vice President of the Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**) (**EOSSO**)

2018: Member of the Scientific Committee of the Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**) (**EOSSO**)

2015-present: Member of the Committee for the Intrauniversity Research Networks of the University of Patras

2012 - present: Coordinator/Director of the "OsteoNet" network of the University of Patras that focuses on the study of the metabolic/degenerative and neoplastic bone diseases and related pathologies

2009-present: Financial administrator of the managing team of the "MetsNet" network of the University of Patras that focuses on the study of the Metabolic Syndrome and related pathologies

2010-present: Elected member of the "Committee for the Quality Assurance (OMEA)" of the Medical School of the University of Patras

2012-2013: Elected member of the General Assembly of the Faculty of Medicine, University of Patras

2011-2012: Member of the Committee for the selection of postgraduate students of the postgraduate program of the Medical School of the University of Patras (Basic Medical Sciences)

Clinical Activities:

2012-present: Consultant Pathologist at the Department of Pathology of the "Olympion General Clinic of Patras", Patras, Greece

Teaching Activities/Experience:

2009-present: Classes, Workshops and Laboratories on Musculoskeletal Anatomy and Histology, Respiratory and Gastrointestinal system Histology, 2nd and 3rd year Medical Students, University of Patras, School of Medicine.

2021-present: Classes on Bone and Soft Tissue Pathology, 4th Medical Students, University of Patras, School of Medicine.

2009-present: Classes on Bone and Soft Tissue Pathology and Molecular Anatomic Pathology for the Pathology Residents at the Department of Pathology of the University Hospital of Patras.

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2010-present: Basic and Hot Topics on Orthopaedic Biology and Pathology for the Residents and Faculty Members of the Orthopaedic Surgery Clinic of the University Hospital of Patras.

2009-2019: Classes on Introduction to the Musculoskeletal System for the 1st year students of the School of Pharmacy of the University of Patras.

2009-today: Classes at the Basic Medical Sciences Postgraduate Program of the University of Patras, School of Medicine.

2010-today: "Pathophysiology of bone diseases" elective class, 5th semester medical students

2021-present: Lectures on selected topics on Musculoskeletal Oncology/Pathology, Postgraduate Program "Musculoskeletal Oncology: Diagnosis-Therapy-Research" University of Athens (ΕΚΠΑ)

Editorial Boards

(Present and Current)

- Sarcoma Research International
- World Journal of Orthopedics
- Sarcoma

Reviewer:

(1) International Journal of Biochemistry and Cell Biology, (2) Histology and Histopathology, (3) Current Medicinal Chemistry, (4) Journal of Cellular and Molecular Medicine, (5) Journal of Medical Case Reports, (6) BBA-GEN, (7) Pathology – Research and Practice, (8) Tumor Biology, (9) Molecular Biology Reports, (10) World Journal of Gastroenterology. (11) Biomed Res International (12) FEBS Journal. (13) World Journal of Orthopedics. (14) Sarcoma Research (15) PLoS1, (16) Cell Physiol Biochem, (17) micrRNA, (18) Oncotarget, (19) Laboratory Investigation, (20) Bone Research

on topics related to bone and soft tissue sarcomas, bone and cartilage metabolic and degenerative conditions, general surgical / cancer pathology and biology.

Grant Reviewer for:

- National Health and Medical Research Council Greece
- Fundação para a Ciência e a Tecnologia, Portugal
- Institutional internal grants program at the University of Kansas Medical Center (KUMC)
- COST proposal reviewer for the Swiss participation in the COST Action BM1105

PATENT

LCAT as a novel pharmaceutical target for the treatment of NAFLD (PCT/GR2011/000026) (Co-inventor). In collaboration with Dr. Kypreos, Unit of Pharmacology, Faculty of Medicine Faculty of Medicine, School of Health Sciences, University of Patras.

FINANCIAL SUPPORT FOR RESEARCH

- **2020:** European Union's Horizon 2020 research and innovation programme under grant agreement No 874896 SC1-BHC-07-2019 (SBR) : Regenerative medicine: from new insights to new applications (Participant; co-ordinator Prof. Elias Panagiotopoulos)
- **2010-2014: Marie Curie Reintegration Grants (IRG)**, Call: FP7-PEOPLE-RG-2009, #256402-« **apoeosteoarthritis** » (100.000 Euros) code: D001. Principal Investigator
- **2010-2013 : KARATHEODORI Research Grant**, University of Patras, Faculty of Medicine (33.000 Euros) code : D155. Principal Investigator
- **2013-2016: KARATHEODORI Research Grant**, University of Patras, Faculty of Medicine (33.000 Euros) code : E073 Co-Investigator
- **2007-2010:** "Molecular, Immunohistochemical, Morphological analyses and Predictors of Local and Distant Recurrent and Outcome in Bone and Soft Tissue Sarcoma" **IRB #: 0612060, University of Pittsburgh, Pittsburgh, PA, USA** (role: participant; coordinator: Dr Uma Rao, MD)

SEMINARS AND INVITED LECTURESHIPS (selected)

2007

International Forum of the Greek College of Surgeons, Athens, Greece, Seminar

"Solid Tumors: Molecular pathology and staging of chondrosarcoma and osteosarcoma"

2008

11th Greek Congress of Pathology, Patras, Greece, Invited Lecture

"Molecular pathogenesis of bone metastasis"

IUCP, Courses in Pathology, Seminar

Slide seminar on bone and soft tissue sarcomas

2009

8th Congress of the Greek Society of Chemistry and Biochemistry, Patras, Greece, Invited Lecture

"Molecular pathogenesis of sarcomas"

Shoulder and Knee Trauma Seminar, Patras, Greece, Seminar

"Anatomy of the rotator cuff"

3rd Greek Congress on distraction osteogenesis, Patras, Greece, Invited Lecture

"Molecular mechanisms involved in DO"

65th Greek Congress of Orthopedics, Thessaloniki, Greece, Invited Lecture

"Pathogenesis of osteoarthritis"

2010

1st Seminar of the IntraUniversity Research Network "BioTargeting", Patras, Greece, Seminar

"Topic: Mesenchymal Stem Cells"

Seminar on "Hip Joint Replacement-Hard Bearing and Modularity", Vytina, Greece

Topic: Molecular Mechanisms and Pathology of Debris-related Osteolysis"

2011

Postgraduate Seminar of the College of Greek Surgeons, Athens Greece

12th Seminar on Spinal Column Biomechanics, Biotechnology and Research, Athens, Greece

Postgraduate Seminar of the Greek Oncology Society, Patras, Greece, Seminar

"Advances in Oncology: Pathogenesis of bone metastases-Targeted therapy strategies"

2012

24th Greek Congress of Family Medicine, Kyllini, Greece, Invited Lecture

"Knee Osteoarthritis"

68th Greek Congress of Orthopedics, Athens, Greece, Invited Lecture

"Pathogenesis of osteoarthritis"

Organizer, 1st Workshop of the IntraUniversity Network "Osteonet", Patras, Greece, Opening Lecture and Invited Lecture

"Osteoarthritis: Challenges and Novel Approaches-Molecular Mechanisms and Novel Metabolic Pathways Implicated in the Pathobiology of Osteoarthritis: Lessons from Mouse Models"

Postgraduate Seminars of the Department of Orthopaedics, University Hospital of Patras, Seminar

"Structure and Strength of Cartilage"

Postgraduate Seminar of the Greek Oncology Society, Patras, Greece, Seminar

"Woman and Cancer: from Prevention to Therapy"

Seminar of IEEE EMBS Student Chapter of the University of Patras, Greece
Seminar on Mesenchymal Stem Cells and Regeneration Medicine

2013

Annual Postgraduate Seminar of the Greek Oncology Society, Patras, Greece, Seminar
"Pathogenesis of Bone Metastases"

Seminar of IEEE EMBS Student Chapter of the University of Patras, Greece, Seminar
"Medical Robotics and Simulations"

Postgraduate Course of the Salonica Society of Orthopedic Surgeons, Thessaloniki, Greece, Invited
Lecture

"Advances in Osteoporosis and Osteoarthritis"

Organizer, 2nd Workshop of the IntraUniversity Network "Osteonet", Patras, Greece, Opening
Lecture and Invited Lecture

"Osteoporosis: Molecular Mechanisms, Novel Diagnostic Approaches and Current Therapeutic
Strategies"

2014

14th Annual Congress of the Greek Pathology Society, Athens, Greece

"Unfolding the Molecular Mechanisms Implicated in the Pathogenesis of Bone Metastasis"

70th Greek Congress of Orthopedics, Athens, Greece, Invited Lecture

"Molecular Pathogenesis and Histopathology of Pseudotumors Developing after Total Hip
Replacement"

6th Congress of Greek Biomechanics Society, Patras, Greece, Invited Lecture

"Biomechanics of Tissues and Organs"

Seminar on Upper and Lower Limb Surgery, Athens, Greece, Seminar

"Histological Findings of Rotator Cuff Rupture"

Annual Postgraduate Seminar of the Greek Oncology Society, Patras, Greece, Seminar "Molecular
Pathogenesis of Prostate Cancer and Metastasis"

2015

Pathology Seminar Series of the Greek Society of Pathologists, Athens, Greece, Seminar

"Pathology of the non-Neoplastic Bone Diseases" and "Pathology of Chondroblastic Tumors"

Arthroscopy Course of the Orthopedic Department of the University of Patras, Greece, Invited
Lecture

"Biology and Biomechanics of Articular Cartilage"

Combined Seminar of the Orthopedic Clinics of Western Greece, Ioannina, Greece, Invited Lecture

"Tissue Reaction to Orthopedic Implants"

6th Congress of the Greek Arthroscopic Society, Patras, Greece, Invited Lecture

Seminar Series of the Greek Society of Oncologists, Athens, Greece, Seminar

"Melanoma, Sarcoma, CNS Tumors"

2016

Postgraduate Seminar of the Greek Oncology Society, Patras, Greece, Seminar

"Woman and Cancer: from Prevention to Therapy-The RANK/RANKL System in the prevention and prognosis of malignancies"

15th Annual Congress of the Greek Society of Pathologists, Ioannina Greece, Slide Seminar

"Interesting cases of soft tissue tumors: Myxoid Tumors"

2017

4th Seminar on Clinical Anatomy of the Shoulder: Shoulder Histology, Larissa, Thessaly, Greece

15th Seminar on "Progress in Oncology: Tumors of Head and Neck", Patras, Greece

4th Educative Oncology Meeting of Western-Greece: "Challenges in the study of PDL-1" , Patras, Greece

"Woman and Cancer: from Gene to Therapy "Immunotherapy for Gynecological and Great Malignancies", Patras, Greece

Postgraduate Seminars of the Hellenic Society of Pathology. Bone and Soft Tissue Pathology, Thessaloniki, Greece

June 2017: Invited Lecture at Oxford University, UK, Botnar Seminar Series. Title of the invited lecture: "Bone and High-Density Lipoprotein: The beginning of a beautiful friendship"

2018

5th Seminar on Clinical Anatomy of the Shoulder: Shoulder Histology, Larissa, Thessaly, Greece

1st Masterclass in Rare Cancers focus on Sarcomas». Complexity in diagnosis: need for pathology experts, Athens, Greece

2019

2nd Masterclass in "Sarcoma and Rare Tumors" of the Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**). "The most difficult diagnosis", Athens, Greece

2nd Seminar on Clinical Anatomy of the Foot: Foot Histology, Larissa, Thessaly, Greece

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Postgraduate Seminars of the Hellenic Society of Pathology. Bone and Soft Tissue Pathology, Lipomatous Tumors, Athens, Greece

2020

3rd Masterclass in “Sarcoma and Rare Tumors” of the Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**). “The most difficult diagnosis”, Athens, Greece (President of the organising committee)

2021-present:

Lectures on selected topics on Musculoskeletal Oncology/Pathology, Postgraduate Program “Musculoskeletal Oncology: Diagnosis-Therapy-Research” University of Athens (ΕΚΠΑ)

4th Masterclass in “Sarcoma and Rare Tumors” of the Hellenic Group of Sarcoma and Rare Tumors (**HGSRT**). “The most difficult diagnosis”, Athens, Greece (President of the organising committee)

PUBLICATIONS (Abstracts not included)

1. Kastrenopoulou, A., Kypreos, K. E., Papachristou, N. I., Georgopoulos, S., Mastora, I., Papadimitriou-Olivgeri, I., ... & **Papachristou, D. J.** (2022). ApoA1 Deficiency Reshapes the Phenotypic and Molecular Characteristics of Bone Marrow Adipocytes in Mice. *International Journal of Molecular Sciences*, 23(9), 4834.
2. Daoussis, D., Kanellou, A., Panagiotopoulos, E., & **Papachristou, D.** (2022). DKK-1 Is Underexpressed in Mesenchymal Stem Cells from Patients with Ankylosing Spondylitis and Further Downregulated by IL-17. *International Journal of Molecular Sciences*, 23(12), 6660.
3. Robinson, L. J., Soboloff, J., Tourkova, I. L., Larrouture, Q. C., Papachristou, D. J., Gross, S., ... & Blair, H. C. (2022). The calcium channel Orai1 is required for osteoblast development: studies in a chimeric mouse with variable in vivo Runx-cre deletion of Orai-1. *bioRxiv*.
4. Prokopi, N., Andrikopoulos, K. S., Beobide, A. S., Voyiatzis, G. A., & Papachristou, D. J. (2021). Collagen orientation probed by polarized Raman spectra can serve as differential diagnosis indicator between different grades of meniscus degeneration. *Scientific Reports*, 11(1), 1-10.
5. Papachristou, D. J., Georgopoulos, S., Giannoudis, P. V., & Panagiotopoulos, E. (2021). Insights into the Cellular and Molecular Mechanisms That Govern the Fracture-Healing Process: A Narrative Review. *Journal of Clinical Medicine*, 10(16), 3554.

6. Ioannidis, K., Danalatos, R.I., Champeris Tsaniras, S., Kaplani, K., Lokka, G., Kanellou, A., Papachristou, D.J., Bokias, G., Lygerou, Z. and Taraviras, S., 2020. A custom ultra-low-cost 3D bioprinter supports cell growth and differentiation. *Frontiers in bioengineering and biotechnology*, 8, p.580889.
7. Chourpiliadis, C., Karvounis, E., Hourpiliadi, H., Papachristou, D., Antoniou, G., Jaume, J. and Paparodis, R., 2020, November. Associations Between Lipid Concentrations and Bone Mineral Density in a Cohort of Patients With History of Fractures. In *JOURNAL OF BONE AND MINERAL RESEARCH* (Vol. 35, pp. 222-223). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.
8. Sutjarit, N., Thongon, N., Weerachayaphorn, J., Piyachaturawat, P., Suksamrarn, A., Suksen, K., Papachristou, D.J. and Blair, H.C., 2020. Inhibition of adipogenic differentiation of human bone marrow-derived mesenchymal stem cells by a phytoestrogen diarylheptanoid from *Curcuma comosa*. *Journal of Agricultural and Food Chemistry*, 68(37), pp.9993-10002.
9. Tourkova IL, Dobrowolski SF, Secunda C...**Papachristou DJ** and Blair HC. The high-density lipoprotein receptor Scarb1 is required for normal bone differentiation in vivo and in vitro [published correction appears in *Lab Invest*. 2020 May;100(5):790]. *Lab Invest*. 2019;99(12):1850-1860.
10. Malzahn J, Kastrenopoulou A, Papadimitriou-Olivgeri I, **Papachristou DJ** et al. Immunophenotypic expression of UCP1 in hibernoma and other adipose/non adipose soft tissue tumours. *Clin Sarcoma Res*. 2019;9:8. Published 2019 May 13. doi:10.1186/s13569-019-0118-1
11. Karatzas A, Karamitros A, Paraskevopoulos I, **Papachristou DJ**. et al. Haematocrit and haemoglobin decrease following image-guided percutaneous core needle biopsies. *Clin Radiol*. 2020;75(2):158.e9-158.e14. doi:10.1016/j.crad.2019.10.010
12. Daoussis D, Kraniotis P, Filippopoulou A,...**Papachristou DJ**. et al. An MRI study of immune checkpoint inhibitor-induced musculoskeletal manifestations myofasciitis is the prominent imaging finding. *Rheumatology (Oxford)*. 2020;59(5):1041-1050.
13. Daousis D, **Papachristou DJ**, et al. Dickkopf-1 is downregulated early and universally in the skin of patients with systemic sclerosis despite normal circulating levels and function of the molecule. *Clin Exp Rheumatol*. 2018 Jul-Aug;36 Suppl 113(4):45-49. Epub 2018 Sep 28.
14. Aggelidakis J, Berdiaki A, Nikitovic D, Papoutsidakis A, **Papachristou DJ**, Tsatsakis AM, Tzanakakis GN. Biglycan Regulates MG63 Osteosarcoma Cell Growth Through a LPR6/ β -Catenin/IGFR-IR Signaling Axis. *Front Oncol*. 2018 Oct 23;8:470. doi: 10.3389/fonc.2018.00470. eCollection 2018.

- 15.Papachristou NI,..., **Papachristou DJ**. Western-type Diet Differentially Modulates Osteoblast, Osteoclast and Lipoblast Differentiation and Activation in a Background of APOE Deficiency.*Lab Invest.* 2018 Sep 11. doi: 10.1038/s41374-018-0107-7. [*Epub ahead of print*]
- 16.Papachristou NI, Blair HC, Kypreos KE, **Papachristou DJ**. Lipoprotein metabolism and bone mass. *Journal of Endocrinology* 233 (2), R95-R107, 2017 (AWARDED: Highly-read Authors)
- 17.M Mytilinaiou, D Nikitovic, A Berdiaki, A Papoutsidakis, **DJ Papachristou**, et al. IGF-I regulates HT1080 fibrosarcoma cell migration through a syndecan-2/Erk/ezrin signaling axis. *Experimental cell research* 361 (1), 9-18, 2017
- 18.PN Karamanakos, DT Trafalis, **DJ Papachristou**, ES Panteli, ...Evidence for the efficacy of disulfiram and copper combination in glioblastoma multiforme-A propos of a case. *Journal of BUON*.: official journal of the Balkan Union of Oncology, 2017
- 19.D Anastasakis, I Skeparnias, AN Shaukat, K Grafanaki, A Kanellou,..DJ Papachristou et al. Mammalian PNLDC1 is a novel poly (A) specific exonuclease with discrete expression during early development. *Nucleic acids research* 44 (18), 8908-8920, 2016
- 20.Daoussis D, Tsamandas A, Antonopoulos I, Filippopoulou A, **Papachristou DJ**, Papachristou NI, Andonopoulos AP, Liosis SN. B cell depletion therapy upregulates Dkk-1 skin expression in patients with systemic sclerosis: association with enhanced resolution of skin fibrosis. *Arthritis Res Ther* 2016; 18 (1): 118.
- 21.Blair HC, Kalyvioti E, Papachristou NI, Tourkova IL, Syggelos SA, Deligianni D, Orkoula MG, Kontoyannis CG, Karavia EA, Kypreos KE, **Papachristou DJ**. Apolipoprotein A-1 regulates osteoblast and lipoblast precursor cells in mice. *Lab Invest* 2016; (): . PMID: 27088511 DOI: 10.1038/labinvest.2016.51
- 22.D Daoussis, A Tsamandas, I Antonopoulos, A Filippopoulou,..**DJ Papachristou**, et al. B cell depletion therapy upregulates Dkk-1 skin expression in patients with systemic sclerosis: association with enhanced resolution of skin fibrosis. *Arthritis research & therapy* 18 (1), 118, 2016
- 23.K Voudouri, D Nikitovic, A Berdiaki, **DJ Papachristou**, J Tsiaoussis, et al. Heparin regulates B6FS cell motility through a FAK/actin cytoskeleton axis. *Oncology reports* 36 (5), 2471-2480, 2016
- 24.D Nikitovic, RM Kavasi, A Berdiaki, **DJ Papachristou**, J Tsiaoussis, et al. Parathyroid hormone/parathyroid hormone-related peptide regulate osteosarcoma cell functions: focus on the extracellular matrix. *Oncology reports* 36 (4), 1787-1792, 2016

25. **Papachristou DJ**, Blair HC. Bone and high-density lipoprotein: The beginning of a beautiful friendship. *World J Orthop* 2016; 7 (2): 74-7. PMID: 26925377 DOI: 10.5312/wjo.v7.i2.74
26. Petridis T, Giannakopoulou D, Stamatopoulou V, Grafanaki K, Kostopoulos CG, Papadaki H, Malavaki CJ, Karamanos NK, Douroumi S, **Papachristou D**, Magoulas GE, Papaioannou D, Drinas D. Investigation on Toxicity and Teratogenicity in Rats of a Retinoid-Polyamine Conjugate with Potent Anti-Inflammatory Properties. *Birth Defects Res B Dev Reprod Toxicol* 2016; 107 (1): 32-44. PMID: 26762583 DOI: 10.1002/bdrb.21170
27. VA Kontogeorgakos, DJ Papachristou, S Varitimidis. Fibro-Osseous Pseudotumor of the Hand. *The Journal of Hand Surgery (Asian-Pacific Volume)* 21 (02), 269-272, 2016
28. Korpetinou A, **Papachristou DJ**, Lampropoulou A, Bouris P, Labropoulou VT, Noulas A, Karamanos NK, Theocharis AD. Increased Expression of Serglycin in Specific Carcinomas and Aggressive Cancer Cell Lines. *Biomed Res Int* 2015; 2015 (): 690721. PMID: 26581653 DOI: 10.1155/2015/690721
29. Klavdianou K, Liossis SN, **Papachristou DJ**, Theocharis G, Sirinian C, Kottorou A, Filippopoulou A, Andonopoulos AP, Daoussis D. Decreased Serotonin Levels and Serotonin-Mediated Osteoblastic Inhibitory Signaling in Patients With Ankylosing Spondylitis. *J Bone Miner Res* 2016; 31 (3): 630-9. PMID: 2642054 DOI: 10.1002/jbmr.2724
30. Karavia EA, Hatziri A, Kalogeropoulou C, Papachristou NI, Xepapadaki E, Constantinou C, Natsos A, Petropoulou PI, Sasson S, **Papachristou DJ**, Kypreos KE. Deficiency in apolipoprotein A-I ablates the pharmacological effects of metformin on plasma glucose homeostasis and hepatic lipid deposition. *Eur J Pharmacol* 2015; 766 (): 76-85. PMID: 26420354 DOI: 10.1016/j.ejphar.2015.09.040
31. Karavia EA, Papachristou NI, Sakellaropoulos GC, Xepapadaki E, Papamichail E, Petropoulou PI, Papakosta EP, Constantinou C, Habeos I, **Papachristou DJ**, Kypreos KE. Scavenger Receptor Class B Type I Regulates Plasma Apolipoprotein E Levels and Dietary Lipid Deposition to the Liver. *Biochemistry* 2015; 54 (36): 5605-16. PMID: 26313465 DOI: 10.1021/acs.biochem.5b00700
32. Panagopoulos A, Tsoumpos P, Tatani I, Iliopoulos I, Papachristou D. Giant Cell Tumor of the Patella Tendon Sheath Presenting as a Painful Locked Knee. *Am J Case Rep* 2015; 16 (): 568-73. PMID: 26302970 DOI: 10.12659/AJCR.893849
33. Prodromaki E, Korpetinou A, Giannopoulou E, Vlotinou E, Chatziathanasiadou M, Papachristou NI, Scopa CD, Papadaki H, Kalofonos HP, **Papachristou DJ**. Expression of the microRNA regulators Drosha, Dicer and Ago2 in non-small cell lung carcinomas.

- Cell Oncol (Dordr)* 2015; 38 (4): 307-17. PMID: 26227789 DOI: 10.1007/s13402-015-0231-y
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