

Curriculum Vitae

Savvas Christoforidis

**Head of the Biomedical Research Institute, Foundation for Research & Technology,
Ioannina, Greece**

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**Professor of Biological Chemistry, Department of Medicine, School of Health
Sciences, University of Ioannina, Greece**

Ioannina 2022

1. Studies

- 1986-1990** **Ptychion in Chemistry**, Aristotle University of Thessaloniki, School of Sciences, grade 8.93/10.00 "Suma cum laude"
- 1990-1995** **PhD Thesis**, Laboratory of Biological Chemistry, Medical School, University of Ioannina, with title: "Purification and properties of the enzyme ATP diphosphohydrolase from human placenta". Thesis grade: "Excellent". Supervisor: Professor Orestes Tsolas

2. Career positions

- 1996-2000** **Post-doctoral Fellow** (Marie Curie TMR fellow, EU-FP4) at European Molecular Biology Laboratory, EMBL
- 2000-2001** **Post-doctoral Researcher** (Marie Curie Individual Return Fellow, EU-FP5), Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina, Greece.
- 2001-2007** **Lecturer**, Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina, Greece.
- 2007-2011** **Assistant Professor**, Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina, Greece.
- 2011-2014** **Tenured Assistant Professor**, Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina, Greece.
- 2014-2018** **Associate Professor**, Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina, Greece.
- 2018-today** **Professor**, Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina, Greece.
- 2001- today** **Collaborating Researcher** of the Biomedical Research Institute, FORTH, in Ioannina. This Institute joined FORTH in 2001. In 2012 it merged with IMBB/FORTH (as a Department-outstation of IMBB at Ioannina), while in December 2021 it was re-established as Institute of Biomedical Research of FORTH, based at Ioannina.
- 2019- today** **Head** of the Department of Biomedical Research of IMBB/FORTH in Ioannina, which, as mentioned above, was re-established (Dec 2021) as the Biomedical Research Institute (BRI) of FORTH in Ioannina.

3. Research Funding

Total number of grants: 28, Principal Investigator in 11 grants, total funding for the group of Christoforidis: 1,508,814.00 Euro.

- 2016-2018** Ministry of Education and Religious Affairs, National Roadmap for Research Infrastructures, Operational Programme "Competitiveness, Entrepreneurship and Innovation" (NSRF 2014-2020), KRHPIS II, "Advanced research activities in Biomedical Technology and Agridiet", Budget for Ioannina: 480,000 Euro, 45,000 Euro for the lab (participant)
- 2017-2018** Directorate of Scholarships (IKY), Awarded PhD student of our team: Evangelia Goula, Title: "Spatiotemporal coordination and mechanisms of communication between endocytosis and regulated exocytosis upon signalling by VEGFR2", 12,240 Euro (Scientific responsible)
- 2017-2018** Directorate of Scholarships (IKY), Awarded PhD student of our team: Despina Gkeka, Title: "Study of spatiotemporal coordination of RabGTPases in

regulated exocytosis in endothelial cells”, 12,240 Euro (Scientific responsible of the PhD student)

- 2017-2020** Ministry of Education and Religious Affairs, National Roadmap for Research Infrastructures, (NSRF 2014-2020), "Biolmaging-GR: The Greek Research Infrastructure for the Imaging and Monitoring of Fundamental Biological Processes", Budget for the infrastructure in Ioannina: 204,500 Euro (Responsible for the Ioannina team)
- 2017-2020** Ministry of Finance, Call EΔBM34 for the "Support of researchers with emphasis on young researchers" (NSRF 2014-2020), Proposal Title: "Mechanisms of Differentiation of Stem Cells into Endothelial Cells" 72,100 Euro (Scientific responsible)
- 2019-2020** Program ARCHERS of the Stavros Niarchos foundation, fellowship awarded to Katerina Galanopoulou, PhD student of our team. Title: "Interconnections between metabolism and endocytosis: elucidation of the role of a new interaction between Rab5 and the cytoplasmic thiolase ACAT2", 11,313 Euro (Scientific responsible of the PhD student)
- 2019-2021** "Regulation of stem cell differentiation via endocytosis." Co-financed by Greece and the European Union (European Social Fund-ESF) through the Operational Programme «Human Resources Development, Education and Lifelong Learning» in the context of the project "Reinforcement of Postdoctoral Researchers - 2nd Cycle" (MIS-5033021), implemented by the State Scholarships Foundation (IKY). Budget: 19,605 Euro (Scientific responsible of the fellow)
- 2019-2021** "Study of the molecular mechanism of galectin-1 entry into Weibel Palade bodies and exocytosis, in endothelial cells", Co-financed by Greece and the European Union (European Social Fund-ESF) through the Operational Programme «Human Resources Development, Education and Lifelong Learning» in the context of the project "Reinforcement of Postdoctoral Researchers - 2nd Cycle" (MIS-5033021), implemented by the State Scholarships Foundation (IKY). Budget: 19,605 Euro (Scientific responsible of the fellow)
- 2019-2022** Ministry of Finance, "Competitiveness, Entrepreneurship and Innovation" (NSRF 2014-2020) "Innovative development of new anticancer drugs with a therapeutic target for the oncoprotein MYC", Total budget 1,000,000 Euro, Budget for Ioannina: 42,500 Euro (participant)
- 2020-2023** Hellenic Foundation for Research and Innovation (HFRI), Research grants for Academic Staff and Researchers «Drugging Protein-Membrane Interfaces: A Novel Approach for Targeted Drug Design», (participant, 26,339.00 Euro for the group of Christoforidis)

4. Scholarships, awards and other distinctions

- 1986-1990** **State scholar** for excellence in undergraduate studies, **IKY**, rank: 2nd.
- 1990** **Benaki-Prize** for undergraduate studies, Greece
- 1991-1993** **G.Stavrou scholarship** for PhD studies, Greece
- 1993-1995** Exceptional Graduate Scholar for PhD studies, **EMY**, Greece
- 1997-1999** Post-doctoral Research Fellow of the Training and Mobility of Researchers program of EU-FP4 (**Marie Curie TMR program**).

- 1999-2000** Post-doctoral Research Fellow of the Max-Planck Institute, Dresden, Germany
- 2000-2001** Return grant, **Marie Curie** individual research fellowship, EU-FP5, (Training and Mobility of Researchers), Medical School, University of Ioannina
- 2001-2004** **EMBO Young Investigator award** (<https://yip-search.embo.org/#/yip/2421>)
- 2001-today** Collaborating Researcher of the Institute of Biomedical Research/Ioannina, Foundation for Research and Technology Hellas
- 2016-2020** **Member of the Scientific Council** of the Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology Hellas.
- 2016** Member of the **Organizing and Scientific Committee** of the 67th meeting of the Hellenic Society of Biochemistry and Molecular Biology, Ioannina, Greece, 25-27 Nov, 2016
- 2016** **1st Award for research and presentation:** Basagiannis D, Zografou S, Murphy C, Fotsis T, Morbidelli L, Ziche M, Bleck C, Mercer J and Christoforidis S, "Endocytic routes in control of VEGFR2 function: Protection of the receptor and regulation of signaling" 67th HSBMB meeting, Ioannina, Greece, 25-27 Nov, 2016
- 2017** Member of the **Scientific Committee** of the 28th Conference of the European Society for Biomaterials, Tissue engineering and regenerative medicine" TERMIS-EU, ESB 2017, 4-8 September 2017, Athens.
- 2018** **1st Award for research and presentation:** E. Goula, V. Lazani, M. Aivaliotis, and S. Christoforidis, "Unconventional secretion in endothelial cells: Cytoplasmic galectin-1 enters Weibel-Palade bodies", 69th HSBMB meeting, Larisa, Greece, 23-25 Nov, 2018
- 2019** **1st Award for research and presentation:** K. Galanopoulou, T. Ziogas, D. Basagiannis, S. Zografou, A. Papanikolaou, M. Aivaliotis, M. Zerial and S. Christoforidis, "The cytoplasmic Acetoacetyl CoA Thiolase (ACAT2), a novel Rab5 effector, regulates endocytic membrane transport" 70th HSBMB Annual Conference, 29.11-01.12, 2019, Athens
- 2019** **Head** of the Institute of Biomedical Research at Ioannina, FORTH
- 2001-** Invited speaker in 20 Greek and International Conferences

5. Research Interests

Main research direction: **"Study of the mechanisms of intracellular vesicular transport in endothelial cells and implications in vascular physiology"**

Our group studies the interplay between endocytosis, signaling and exocytosis in endothelial cells and the role they play in vascular physiology.

Activated endothelial cells and/or endothelial dysfunction are implicated in the most life-threatening diseases, such as cardiovascular and inflammatory diseases as well as in cancer-angiogenesis. Intriguingly, key vasoactive players of the above pathophysiological processes are stored in specific granules (called Weibel Palade bodies) in endothelial cells. Upon activation of receptors at the cell surface of endothelial cells, Weibel Palade bodies fuse with plasma membrane and release their vasoactive molecules in the blood stream.

Our studies have the following aims:

1. To shed light on the molecular mechanisms that are responsible for Weibel Palade body trafficking and exocytosis.

2. To identify the cell surface receptors and the corresponding signaling cascades that trigger Weibel Palade body exocytosis.
3. To track the endocytic routes followed by activated receptors of endothelial cells and the role of these routes in signaling and Weibel Palade body exocytosis.
4. To get functional insights into the role of the above processes in vascular physiology and in serious vascular diseases.

These studies will shed light on the molecular and functional links between secretion, endocytosis and signalling, as well as on their spatial and temporal coordination. Ultimately, the knowledge generated by these studies will contribute to the design of more effective therapeutic approaches for vascular diseases.

For more information:

- <https://www.bri.forth.gr/en/research-en/item/117-savvas-christoforidis>
- <https://www.bri.forth.gr/bri-people/en/christoforidis-laboratory>

Other projects in the lab include:

- Identification of chemical allosteric inhibitors of the oncogenic mutants of PI3Kinase, as well as inhibitors of the oncogene cMyc (in close collaboration with teams from BRFAA/Athens).
- The role of a new interaction of the small GTPase Rab5 (in collaboration with the group of Marino Zerial, MPI-CBG/Dresden).

5A. Peer-reviewed publications (total number of citations: 6,502 in Google Scholar, 4,404 in Scopus, total impact factor: 310.043)

1. Kotzampasi DM*, Premeti K*, Papafotika A*, Syropoulou V, **Christoforidis S**[#], Cournia Z[#], Leonarditis G[#], “The orchestrated signaling by PI3K α and PTEN at the membrane interface” Computational and Structural Biotechnology Journal (2022), doi: <https://doi.org/10.1016/j.csbj.2022.10.007> *Equal contribution authors, **#Equal corresponding authors**
2. Schuhmacher J, Dieck S, **Christoforidis S**, Landerer C, Hersemann L, Seifert S, Giner A, Toth-Petroczy A, Kalaidzidis Y, Schuman E, Zerial M. (2021) The novel Rab5 effector FERRY links early endosomes with the translation machinery. **bioRxiv** 2021.06.20.449167; doi: <https://doi.org/10.1101/2021.06.20.449167> (preprint in bioRxiv, submitted to “Cell”)
3. Basagiannis D, Zografou S, Goula E, Gkeka D, Kolettas E, **Christoforidis S**. (2021) Chemical Inhibitors of Dynamin Exert Differential Effects in VEGF Signaling. **Cells**. Apr 23;10(5):997. doi: 10.3390/cells10050997. PMID: 33922806.
4. Basagiannis D, Zografou S, Galanopoulou K, **Christoforidis S**. (2017) Dynasore impairs VEGFR2 signalling in an endocytosis-independent manner. **Sci Rep**. 2017 Mar 22;7:45035. doi: 10.1038/srep45035.
5. Basagiannis D, Zografou S, Murphy C, Fotsis T, Morbidelli L, Ziche M, Bleck C, Mercer J, **Christoforidis S**. (2016) VEGF induces signalling and angiogenesis by directing VEGFR2 internalisation via macropinocytosis. **J Cell Sci**, 129(21):4091-4104
6. Basagiannis D, **Christoforidis S**. (2016) Constitutive Endocytosis of VEGFR2 Protects the Receptor against Shedding. **J Biol Chem**. 291, 16892-903

7. Zografou S, Basagiannis D, Papafotika A, Shirakawa R, Horiuchi H, Auerbach D, Fukuda M, and **Christoforidis S** (2012) A complete Rab screening reveals novel insights in Weibel-Palade body exocytosis. **J Cell Sci**, 125, 4780-4790
8. Papanikolaou A, Papafotika A, and **Christoforidis S**, (2011) CD39 reveals novel insights into the role of transmembrane domains in protein processing, apical targeting and activity. **Traffic**, 12(9):1148-1165
9. Papanikolaou A, Papafotika A, Murphy C, Papamarcaki T, Tsolas O, Drab M, Kurzchalia TV, Kasper M, and **Christoforidis S** (2005) Cholesterol-dependent lipid assemblies regulate the activity of the ecto-nucleotidase CD39. **J Biol Chem**, 280(28):26406-14
10. **Christoforidis S**, McBride H, Burgoyne R and Zerial M (1999) The Rab5 effector EEA1 is a core component of endosome docking. **Nature**, 397, 621-627

6. Teaching

Undergraduate courses and laboratory practicals

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| 1990-1995 | Participation in teaching of Chemistry and Biochemistry laboratory courses, Medical School, University of Ioannina (as a doctoral student). |
| 2001-2002 | Laboratory practicals of Chemistry and Biochemistry, Medical School, University of Ioannina. |
| 2002-2018 | Laboratory practical "Enzyme Kinetics" of the Laboratory course "Biochemistry II", of the Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina. |
| 2003-2004 | Participation in teaching the course "Biology I (Introduction to the Cellular Theory & Principles of Cellular Regulation, Methods of studying and culturing of cells)" for second year medical students (3rd semester), Medical School, University of Ioannina. |
| 2003-2005 | Participation in teaching the course "Cell Biology" for students of the Department of Chemistry, University of Ioannina. |
| 2003-2010 | Participation in teaching the course "Biology I (Organelle biogenesis - Basic Cellular Functions)" of second year medical students (3rd semester), Medical School, University of Ioannina. |
| 2004 | Participation in teaching the course "The Biotechnology of DNA", Department of Medicine, University of Ioannina. Course title: "Blood flow and thrombosis: The role of membrane organization and exocytosis of endothelial cells". |
| 2004-2007 | Participation in teaching the course "Biochemistry II (Metabolism)", 2 nd year medical students (3rd semester), Medical School, University of Ioannina. Course title: "Amino acid and nucleotide metabolism" |
| 2008- today | Participation in teaching the course "Intercellular Communication", Department of Biological Applications and Technologies, University of Ioannina. |
| 2009-2013 | Participation in teaching the course "Biochemistry I (Molecular Design of life)", 3rd semester, Medical School, University of Ioannina. |

- 2014** Participation in teaching the course Biotechnology of DNA / Department of Medicine. Course title: "Super-resolution microscopy and its applications"
- 2013-today** Participation in teaching the course "Biochemistry II (Metabolism)", 3rd semester, Medical School, University of Ioannina. Course title: "Signal transduction" and "Carbohydrate metabolism".
- 2019- today** Teaching of the laboratory practical "Metabolic fate of pyruvate acid" of the Laboratory course "Biochemistry II", Department of Medicine, University of Ioannina.

Post-graduate Teaching

- 2002-today** Participation in the teaching of the course "Topics in Molecular and Cell Biology" in the Interinstitutional, Interdepartmental Postgraduate Program "Molecular Cell Biology and Biotechnology" co-organized by the Departments of Medicine, Biological Applications and Technologies and Chemistry of the University of Ioannina and the Institute of Biomedical Research of the Foundation for Research and Technology (FORTH).
- 2013** Teaching in the Postgraduate Program "Translational Research in Molecular Biology and Genetics" of the Department of Molecular Biology and Genetics, Democritus University of Thrace, topic: "Study of endocytic and exocytic pathways using microscopy-based techniques", Alexandroupoli, 14-12-2013.
- 2014-2020** Participation in the teaching of the course "Research Methodology" in the Interinstitutional, Interdepartmental Postgraduate Program "Molecular Cell Biology and Biotechnology". Topic: "Superresolution microscopy and its applications"
- 2015-2016** Participation in the teaching of the course "Intercellular Communication" in the Postgraduate Program "Basic Biomedical Sciences" of the Department of Medicine of the University of Ioannina.
- 2015-today** Participation in the teaching of the course "Cellular and Molecular Biology" in the Postgraduate Program "Medical Chemistry" co-organized by the departments of Chemistry, Medicine and Biological Applications and Technologies of the University of Ioannina.
- 2015-today** Participation in the teaching of the course "Biological Chemistry" in the Postgraduate Program "Basic Biomedical Sciences" of the Department of Medicine of the University of Ioannina.
- 2016** Participation in the teaching of the course "Molecular Medicine" in the Postgraduate Program "Clinical Applications of Molecular Medicine" of the Department of Medicine of the University of Thessaly.
- 2021-today** Participation in the teaching of the course "Molecular Oncology: Cell Growth, Differentiation and Cancer" topic: "The role of endocytosis in angiogenesis and cancer" in the Interinstitutional, Interdepartmental Postgraduate Program "Molecular Cell Biology and Biotechnology"
- 2022** Participation in the teaching of the postgraduate program "Biomedical Sciences" of the Department of Medicine of the University of Patras, topic: "The role of intracellular vesicular circulation in signal transduction".
- 2000-today** Supervisor in 8 postgraduate dissertations, in the Interinstitutional, Interdepartmental Postgraduate Program "Molecular Cell Biology and Biotechnology"

Supervision of undergraduate and postgraduate students

- Supervision of 9 undergraduate students in diploma studies
- Supervision of 8 Postgraduate students - Postgraduate Theses
- Supervision of 6 Doctoral Theses

Authorship related to teaching

- 2000** Editing of the Laboratory Practical book in Chemistry, of the Medical School of the University of Ioannina.
- 2003** Writing of the lectures of the course Biochemistry II "Metabolism of proteins and amino acids" of the Medical School, within the program "Reforming the undergraduate program of the Department of Medicine of the University of Ioannina".
- 2004** Participation in the scientific editing and translation of Chapter 27, "Protein trafficking" of the book "Genes VIII" from English to Greek.
- 2004** New edition of the Laboratory Practical "Kinetics of Enzymatic Reactions" of the Laboratory Practicals of Biochemistry of the Medical School of the University of Ioannina. (Written in 2004 and updated in 2019)
- 2015** Participation in the scientific editing and translation, from English to Greek, of the book "Biochemistry: Lippincott's Illustrated Reviews", 6th edition, 2014, Denise R. Ferrier.
- 2017** Participation in the scientific editing and translation, from English to Greek, of the book "Molecular Cell Biology by Lodish et al (2016), 8th edition" (translation and scientific editing of Chapter 14, Vesicular transport, Secretion and Endocytosis) .
- 2010-2021** Participation in the scientific editing and translation from English into Greek of the Chapter "Protein sorting and Transport. Endoplasmic reticulum, Golgi apparatus and lysosomes" of the book "The Cell: A Molecular Approach", 5th, 7th and 8th editions, Cooper GM, Hausman RE, 5th, 7th & 8th ed., Sinauer, 2010, 2016, 2019.

7. Administration, participation in committees and other organizational activity

- 2001-2007** Member of the General Assembly of the Program "Biochemistry" (PSE Biochemistry) of the University of Ioannina.
- 2001-today** Member of the General Assembly of the Interinstitutional Interdepartmental Postgraduate Program "Molecular Cell Biology and Biotechnology" co-organized by the Departments of Medicine, Biological Applications and Technologies and Chemistry of the University of Ioannina and the Institute of Biomedical Research of the Foundation for Research and Technology Hellas (FORTH).
- 2002-2006** Member of the General Assembly of the Department of Medicine of the University of Ioannina.
- 2003** Participation in the writing of the proposal "Reform of Undergraduate Curriculum of the Medical School of the University of Ioannina", EPEAEK II, in the part that concerns the course of Biochemistry.
- 2008-2022** Participation, as evaluator, in elective bodies of faculty members:
- Assistant Professor of Biol. Chemistry Medical School University of Thessaloniki AUTh (Thessaloniki, 7-2-2008)
 - Assistant Professor of Biol. Chemistry Medical School University of Thessaloniki AUTh (Thessaloniki, 7-2-2008)

- Lecturer in Biological Chemistry, Medical School, University of Larissa (Larissa, 5-5-2010)
- Assistant Professor of Molecular Biochemistry, Medical School National and Kapodistrian University of Athens, 23-06-2016
- Assistant Professor of Pharmacology, Department of Medicine, University of Ioannina, 21.9.2017
- Associate Professor of Microbiology, Department of Medicine, University of Ioannina, 23.3.2018
- Researcher B', EKEVE Fleming, July 2018
- Assistant Professor of Biochemistry with emphasis on Pathobiochemistry, Department of Medicine, University of Patras, 24.10.2018
- Assistant Professor of Medical Biopathology-Microbiology and Hygiene, Department of Medicine, University of Ioannina, 4.02.2019
- Assistant Professor of Clinical Chemistry, Department of Medicine, University of Ioannina, 26.3.2019
- Assistant Professor of "Biochemistry", Department of Medicine, University of Patras, 4.4.2019
- Assistant Professor of Cell Biochemistry, Department of Medicine, University of Thessaly, 07.05.2019
- Assistant Professor of Medical Biochemistry, Department of Medicine, AUTH, 10.03.2020
- Professor of Pharmacology, Department of Medicine, University of Ioannina, 10.07.2020
- Professor of "Biological Chemistry", Department of Medicine, EKPA, 24.02.2021
- Assistant Professor of "Pharmacology", Department of Medicine, University of Ioannina, 12.04.2021
- Associate Professor of Biochemistry-Molecular Biology, Department of Medicine, AUTH, 30.06.2021
- Professor of "Pharmacology", Department of Medicine, University of Ioannina, 14.09.2021
- Assistant Professor of "Biology" Department of Medicine, University of Ioannina, 15.11.2021
- Professor of "Biochemistry with emphasis on the study of receptors of pharmaceutical interest" Department of Pharmacy, University of Patras, 21.12.2021

- 2012-today** Member of the Admissions Committee for the evaluation of students aiming to enter the Department of Medicine, University of Ioannina
- 2012-2019** Responsible for organizing research and literature seminars of the Laboratory of Biological Chemistry, Department of Medicine, University of Ioannina and the Institute of Biomedical Research / FORTH
- 2015-2017** Member of the Internal Evaluation team (OMEA) of the Department of Medicine, University of Ioannina
- 2016** Member of the Organizing and Scientific Committee of the 67th Panhellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, November 25-27, 2016, Ioannina
- 2016-2020** Member of the Scientific Council of the Institute of Molecular Biology and Biotechnology (IMBB/FORTH)
- 2017** Member of the Scientific Committee of the Pan-European conference on tissue engineering and regenerative medicine (TERMIS-EU), 28th Annual Conference of the European Society for Biomaterials, ESB 2017, 4-8 September 2017, Athens.
- 2017-today** Member of the Scientific Committee of the Flow Cytometry Unit of the Laboratory Network of the University of Ioannina
- 2017-today** Member of the Committee of the Curriculum of undergraduate studies of the

- Department of Medicine of the University of Ioannina
- 2017-today** Member of the Committee for drafting the Regulation for Doctoral Studies of the Department of Medicine of the University of Ioannina
- 2018-2020** Deputy Director, member of the Interdepartmental Committee and member of the Coordinating Committee of the Interdepartmental Postgraduate Program "Molecular Cell Biology and Biotechnology" co-organized by the departments of Medicine, Biological Applications and Technologies and Chemistry of the University of Ioannina and the Institute of Biomedical Research of the Foundation for Research and Technology Hellas (FORTH).
- 2018-today** Member of the evaluation committee of candidates of the Program of Academic Experience, of the Medical School of the University of Ioannina
- 2020-today** Member of the Network of Research Support Facilities of the University of Ioannina
- 2020-2022** Member of the General Assembly of the Department of Medicine of the University of Ioannina.
- 2020** Participation in the writing and submission of a proposal for funding of the project "Innovation and Advanced Training Center of the Foundation for Research and Technology", funded by the Recovery Fund. Total budget for FORTH 56,271,056.00. Budget for the building of the Institute of Biomedical Research in Ioannina 12,816,888.00 Euro.
- 2021-today** Member of the Coordinating Committee of the Unified Electron & Photon Microscopy Unit of the University of Ioannina-FORTH
- 2019-today** Participation, as a member of the evaluation committee for the election:
- Level B Researcher "Regenerative Medicine for the treatment of human diseases including cell therapy with stem cells and tissue engineering" Department of Biomedical Research, IMBB/FORTH, 27.03.2019
 - Level A Researcher, Department of Biomedical Research, IMBB/FORTH, 10.04.2020
 - Researcher B or C Level in "Basic Biomedical Research", Institute of Biomedical Research/FORTH, 14.02.2022
- 2019-today**
- Head of the Institute of Biomedical Research at Ioannina, of the Foundation for Research and Technology Hellas (FORTH).
 - Invited member of the Board of Directors of FORTH, as a Head of the Institute of Biomedical Research of Ioannina, of the Foundation for Research and Technology Hellas (FORTH).
- 2022-today**
- Director of the Institute of Biomedical Research at Ioannina, of the Foundation for Research and Technology Hellas (FORTH).
 - Member of the Board of Directors of the Foundation for Research and Technology Hellas (FORTH).