

# CURRICULUM VITAE

## PERSONAL DATA

---

*Last Name:* Mallis  
*First Name:* Panagiotis  
*Date of Birth:* March 17<sup>th</sup>, 1988  
*Sex:* Male  
*Citizenship:* Greek  
*Marital Status:* Married  
*Address:* 11 Aristippou Street, Glyfada, Greece  
*Phone:* +306971616467  
*e-mail:* [pmallis@bioacademy.gr](mailto:pmallis@bioacademy.gr), [panos05009@yahoo.gr](mailto:panos05009@yahoo.gr)  
*Webpage:* [https://www.researchgate.net/profile/Panayiotis\\_Mallis](https://www.researchgate.net/profile/Panayiotis_Mallis)

---

Motivation: An enthusiastic, adaptive and fast-learning person with a broad and acute interest for research. I particularly enjoy collaborating with scientists from different disciplines to develop new skills and solve new challenges.

## EDUCATION

---

**2015-2018:** Doctor of Philosophy in the field of Regenerative Medicine, Medical School, National and Kapodistrian University of Athens, Greece

PhD Thesis: Functional analysis of vitrified vascular grafts, derived from decellularized human umbilical artery.

Grade: First Class Honours

**2011-2013:** Master in “*Molecular Medicine*”, Medical School, National and Kapodistrian University of Athens.

MSc Thesis: Decellularized rat aorta as possible biological scaffold

Grade: 9.01/10 (First Class Honours).

Description: Attended 12 modules on subjects including Cell Biology, Molecular Biology, Immunology, Proteomics and Molecular Diagnostic Methods.

MSc Thesis: Decellularized Aorta for Development of a Biological Scaffold.

**2005-2010:** Bachelor’s in Department of Biomedical Sciences, Faculty of Health and Caring Professions, Technological Educational Institute of Athens

Grade: 9.25/10 (First Class Honours).

Description: Attended 39 modules on subjects including Microbiology, Clinical Chemistry, Immunology, Hematology, Human Molecular Genetics, Biochemistry, Biotechnology, Physiology, Anatomy, Histopathology, Pharmacogenetics and Techniques on Molecular Biology.

Thesis: Investigation of the possibility angiogenesis development using HUVEC in biological scaffold.

## **WORKING EXPERIENCE**

---

**June 2024- Until Now:** GMP Laboratory Supervisor of Hellenic Cord Blood Bank, Biomedical Research Foundation Academy of Athens. Responsible for final result eligibility regarding the Cord Blood Hematopoietic Stem Cell processing and Mesenchymal Stromal Cells (Isolation, processing, characterization, quality control assessment, SOP writing and editing, laboratory management).

**January 2024-June 2024:** Quality Manager of the Molecular Immunogenetics and Histocompatibility Laboratories of the National Typing Center of "G.Gennimatas" General Hospital of Athens, Greece. SOPs maintenance, reviewing and preparation of new, laboratory quality control check in accordance with the European Federation of Immunogenetics (EFI) standards and accreditation.

**October 2022-March 2024:** Clinical Laboratory Scientist at the National Typing Center of "G.Gennimatas" General Hospital of Athens, Greece. DNA extraction from patients in need of transplantation either of hematopoietic stem cells or kidney. HLA typing with Luminex bead based assay. HLA typing with Next Generation Sequencing. HLA data analysis and process, results verification. HLA data analysis, Novel/ Null verification and submission to Genbank and IPD-IMGT/HLA databases. publication writing and preparation of Grand Proposals.

**March 2011- September 2022:** Laboratory scientist (January 2020- September 2022) in the Manufacturing & GMP Lab of Hellenic Cord Blood Bank, Biomedical Research Foundation of Academy of Athens (BRFAA) with expertise in flow cytometry immunophenotypic analysis of hemopoietic stem cells and Mesenchymal Stromal Cells with the BD Calibur Instrument.

*Job Description:* Work under GMP environment. Processing and cryopreservation of cord blood. Perform flow cytometry. Complete blood count. ABO/Rh Type determination. Bacteriological control of the samples. Colony Forming Units Assay. DNA extraction from blood samples. Isolation, culture and cryopreservation of mesenchymal stem cells from umbilical cord, bone marrow and adipose tissue. In addition, quality control performance of mesenchymal stem cells, including cell differentiation and flow cytometry assay. Performance and analyzing results of HLA typing using Next Generation Sequencing in Cord Blood Units.

**April 2018 – September 2018:** Technician in Greek Genome Center, Biomedical Research Foundation Academy of Athens (BRFAA).

*Job Description:* DNA isolation from blood, buccal swabs and tissue samples, DNA quantification with spectrophotometrically methods, performance of PCR, RT-PCR and gel electrophoresis, cDNA library preparation for HLA typing (Omixon and Immucor HLA typing kits for 6 gene loci including HLA-A, -B, -C, DPB1, DQB1, DRB1S and DRB1L), Next Generation Sequencing Analysis (NGS)

**September 2010- March 2011:** Internship in the Manufacturing & GMP Lab of the Hellenic Cord Blood Bank, Biomedical Research Foundation of Academy of Athens (BRFAA).

## **RESEARCH EXPERIENCE**

---

**June 2018 – September 2022:** Associate Scientist in Tissue Engineering and Regenerative Medicine Lab, Hellenic Cord Blood Bank, Biomedical Research Foundation Academy of Athens with expertise in cell expansion, recellularization and decellularization methods, histological techniques, microscopy methods, statistical analysis, data processing, writing and presenting of publications, experimental projects and research proposals for national and European funds. From 2020 – until today- experienced staff in cell immunophenotyping analysis using the Flow Cytometry (BD Calibur Instrument).

### Supervision of 10 students (8 undergraduate and 2 postgraduate students)

1. Evaluation of different cryopreservation methods in Wharton's Jelly tissue-2018
2. Differentiation of Wharton's Jelly Mesenchymal Stem Cells into Neural Progenitor Cells-2018
3. Production of human platelet lysate derived from peripheral and cord blood and evaluation as supplement for Mesenchymal Stem Cell growth. -2018
4. Evaluation of HLA-G expression in Mesenchymal Stem Cells derived from vitrified Wharton's Jelly tissue-2018
5. Decellularization of rat esophagus for possible development of a tissue engineered scaffold-2018
6. Decellularization of rat esophagus and its application in regenerative medicine – 2019
7. Development of fibrin gel derived from umbilical cord blood and peripheral blood. - 2019
8. Decellularization of Wharton's Jelly tissue and its application in tissue engineering. -2019
9. Decellularization of whole rat kidney serving an acellular scaffold for tissue engineering – 2020
10. Evaluation of banked Wharton's Jelly tissue Mesenchymal Stromal Cells after long storage cryopreservation at -196° C -2020.

### Participation in 2 research projects

1. Production of human platelet gel derived from umbilical cord blood for possible use in ulcers from diabetic patients-2018
2. Application of Mesenchymal Stem Cells in erectile dysfunction-2018.

### Additional Projects

Guest Editor in Bioengineering (Basel) Journal with Special Issue:  
*Modern Approaches in Cardiovascular Disease Therapeutics: From Molecular Genetics to Tissue Engineering.*  
([https://www.mdpi.com/journal/bioengineering/special\\_issues/cardiovascular\\_disease\\_therapeutics](https://www.mdpi.com/journal/bioengineering/special_issues/cardiovascular_disease_therapeutics))

Guest Editor in Bioengineering (Basel) Journal with Special Issue:  
*Stem Cells and Biologic Scaffold Engineering*  
(Printed Book available at <https://www.mdpi.com/books/pdfview/book/1650>)

### Editorial Board

- Bioengineering, MDPI Publishers
- International Journal of Molecular Sciences, MDPI Publishers
- Medicine, MDPI Publishers
- World Journal of Stem Cells, Baishendeng Publishing Group

### Invited Reviewer in scientific journals:

- **International Journal of Molecular Sciences**
- **Bioengineering (Basel) Journal.**
- **Applied Sciences**
- **Journal of Clinical Medicine**
- **International journal of Immunogenetics**
- **Marine Drugs**
- **Applied Science**

### **TEACHING EXPERIENCE**

---

Lecturer in the Master educational program: "Stem Cells and Regenerative Medicine" of Aristotele University of Thessaloniki, School of Medicine.

Lecturer in the Continuous Education Program of University of West Attica entitled "Platelet Rich Plasma and Growth Factors: Regenerative Properties and Clinical Utilization"

Lecturer in the Master Educational Program: "Applied Biosciences and Biomaterials in Orthopedics" of National Technical University of Athens.

**January 2020 – Until Now:** Certified Trainer of the Centre of Continuous Education and Training of University of West Attica.

### **MEMBERSHIPS**

---

1. Member of EFI Young Working Party- Scientific Sector- since October 2023
2. Member of the YEFIs society- since January 2021
3. Member of Greece Young Immunologists – since January 2021
4. Member of the Hellenic Society of Immunogenetics – since October 2020
5. Member of European Federation of Immunogenetics – EFI since May 2018
6. Member of Hellenic Society of Biochemistry and Molecular Biology – HSBMB since September 2015.

### **ACHIEVEMENTS**

---

#### Awards

1. Oral presentation Award at 8<sup>o</sup> Conference of Greek Association of Medical Biochemistry (2019). "Development of Patient Specific Vascular Grafts utilizing the Human Umbilical Arteries." **Mallis P.**, Papapanagiotou A., Katsimpoulas M., Stavropoulos- Giokas C., Michalopoulos E.
2. Oral Presentation Award at 6<sup>o</sup> Conference of Panhellenic Association of Medical Laboratory Technologists (2019). "Optimization of Decellularization Procedure in rat Esophagus for development of tissue engineering scaffold." Chachlaki G., **Mallis P.**, Katsimpoulas M., Stavropoulos-Giokas C., Michalopoulos E.
3. Scholarship award from Biomedical Research Foundation Academy of Athens for the research program entitled: "Delineation of the role of activin-A induced regulatory T cells in the protection against allergic asthma".

4. Internship award for the oral presentation at 3<sup>o</sup> Panhellenic Congress of Young Scientists (2015). "Development and Biochemical Characterization of Tissue Engineered Vascular Grafts from Umbilical Cord." Mallis P., Zoidakis J., Vlachou A., Chatzistamatiou T., Papassavas A., Stavropoulos G. Catherine, Michalopoulos E.

#### Invited Speaker

1. PDDS 2023. Mesenchymal Stromal Cells and Immunoregulatory Properties: Concerns and Issues utilizing novel stem cell therapy as potential therapeutic strategy. **Mallis P.**
2. Tissue Engineering and Regenerative Medicine Conference (2023). Immunomodulatory and regenerative properties of mesenchymal stromal cells: Can we improve their abilities? **Mallis P.**
3. 2<sup>nd</sup> International Symposium on Biomedical Engineering and Computational Biology (2022). Therapeutic Applications of Mesenchymal Stromal Cells in COVID-19: Promising Evidence from in vitro Results. **Mallis P.**
4. Tissue Engineering and Regenerative Medicine Conference (2022). Therapeutic applications of mesenchymal stromal cells in COVID-19: Promising evidence from in vitro results. **Mallis P.**

#### Oral Presentations:

1. 36<sup>o</sup> Congress of European Federation of Immunogenetics (2023) "The expanded role of microRNAs in controlling the HLA class I phenotype" Relationship between the 3' UTR and Post-transcriptional Gene Regulation. **Mallis P**, Siorenta A, Stamathioudaki E, Vrani V, Paterakis G.
2. 32<sup>o</sup> Congress of European Federation of Immunogenetics (2018) "*Vitreous Cryopreservation of HLA matched Vascular Grafts Utilizing the Decellularized Human Umbilical Artery*". **Mallis P**, Michalopoulos E, Katsimpoulas M, Dinou A, Papapanagiotou A, Stavropoulos Giokas Catherine.
3. Meeting of European Federation of Immunogenetics Region 8 (2018). "*In vitro development of histocompatible vascular grafts utilizing the cryopreserved human umbilical artery*". **Mallis P**, Michalopoulos E, Zoidakis J, Vlahou A, Papapanagiotou A, Stavropoulos Giokas Catherine.
4. 68<sup>o</sup> Panhellenic Congress of Biochemistry and Molecular Biology (2017). "*Vitreous Cryopreservation of HLA-matched Vascular Grafts utilizing the decellularized human umbilical artery*". **Mallis P**, Michalopoulos E, Katsimpoulas M, Dinou A, Stavropoulos Giokas Catherine.
5. 66<sup>o</sup> International Congress of European Society of Cardiovascular and Endovascular Surgery (2017) "*Development of Small Diameter Vascular Grafts utilizing the decellularized human umbilical artery*". **Mallis P**. Michalopoulos E., Katsimpoulas M., Papapanagiotou A., Dipresa D., Korossis S., Stavropoulos G. Catherine.
6. 9<sup>o</sup> International Congress of Internal Medicine (2017). "Development of Cardiovascular Implants Utilizing the human Umbilical Artery". Mallis P. Michalopoulos E., Katsimpoulas M., Papapanagiotou A., Dipresa D., Korossis S., Stavropoulos G. Catherine.
7. 1<sup>st</sup> Meeting of Greek Society for Gene Therapy and Regenerative Medicine (2016). "*Development, long term storage and functional evaluation of small diameter vascular grafts (< 2 mm) derived from human umbilical cord*". **Mallis P**, Michalopoulos E, Zoidakis J, Vlahou A, Papapanagiotou A, Stavropoulos Giokas Catherine.

8. 10<sup>o</sup> Panhellenic Congress of Bio-scientists (2016). "The human umbilical arteries as alternative source for the production of personalized small diameter vascular grafts". Mallis P, Michalopoulos E, Katssimpoulas M., Papanagiotou A., Zoidakis J., Vlachou A., Stavropoulos G. Catherine.
9. 3<sup>o</sup> Panhellenic Congress of Young Scientists (2015). "Development and Biochemical Characterization of Tissue Engineered Vascular Grafts from Umbilical Cord." Mallis P., Zoidakis J., Vlachou A., Chatzistamatiou T., Papassavas A., Stavropoulos G. Catherine, Michalopoulos E.
10. 9<sup>th</sup> Panhellenic Conference of Immunology (2015).  
Proteomic Analysis in Decellularized Human Umbilical Arteries. Mallis P., Gontika I, Zoidakis J., Vlachou A., Michalopoulos E., Chatzistamatiou T., Papassavas A., Staupoulou A.

#### Book Chapter

1. Small-Diameter Vascular Graft Engineering. **Mallis P**. Scholarly Community Encyclopedia.

#### Selected Publications:

1. The expanded role of microRNAs in controlling the HLA class I phenotype Relationship between the 3' UTR and Post-transcriptional Gene Regulation. **Mallis P**, Siorenta A, Stamathioudaki E, Vrani V, Paterakis G. HLA, 2023, April, 328-428.
2. Efficient Decellularization of the Full-Thickness Rat-Derived Abdominal Wall to Produce Acellular Biologic Scaffolds for Tissue Reconstruction: Promising Evidence Acquired from In Vitro Results. Skepastianos G, **Mallis P**, Kostopoulos E, Michalopoulos E, Skepastianos V, Palazi C, Pannuto L, Tsourouflis G. Bioengineering (Basel). 2023 Aug 1;10(8):913. doi: 10.3390/bioengineering10080913.
3. Exploring the Immunomodulatory Properties of Stem Cells in Combating COVID-19: Can We Expect More? **Mallis P**. Bioengineering (Basel). 2023 Jul 5;10(7):803. doi: 10.3390/bioengineering10070803.
4. MultiCord12 Study Group (Appendix 1). Multi-component cord blood banking: a proof-of-concept international exercise. Samarkanova D, Codinach M, Montemurro T, Mykhailova L, Tancredi G, Gallerano P, **Mallis P**, Michalopoulos E, Wynn L, Calvo J, Pello OM, Gontika I, Rebullia P, Querol S; Blood Transfus. 2023 Nov 3;21(6):526-537. doi: 10.2450/BloodTransfus.492.
5. Clinical Benefit of Autologous Platelet-Rich Plasma Infusion in Ovarian Function Rejuvenation: Evidence from a Before-After Prospective Pilot Study. Garavelas A, **Mallis P**, Michalopoulos E, Nikitos E. Medicines (Basel). 2023 Feb 27;10(3):19. doi: 10.3390/medicines10030019.
6. Design and Fabrication of Artificial Stem Cell Microenvironments. **Mallis P**. Bioengineering (Basel). 2022 Dec 2;9(12):756. doi: 10.3390/bioengineering9120756.
7. Investigating the production of platelet lysate obtained from low volume Cord Blood Units: Focus on growth factor content and regenerative potential. **Mallis P**, Michalopoulos E, Balampanis K, Sarri EF, Papadopoulou E, Theodoropoulou V, Georgiou E, Kountouri A, Lambadiari V, Stavropoulos-Giokas C. Transfus Apher Sci. 2022 Dec;61(6):103465. doi: 10.1016/j.transci.2022.103465.

8. Mesenchymal stromal cell delivery as a potential therapeutic strategy against COVID-19: Promising evidence from in vitro results. **Mallis P**, Chatzistamatiou T, Dimou Z, Sarri EF, Georgiou E, Salagianni M, Triantafyllia V, Andreacos E, Stavropoulos-Giokas C, Michalopoulos E. *World J Biol Chem.* 2022 Mar 27;13(2):47-65. doi: 10.4331/wjbc.v13.i2.47.\
9. Modern Approaches in Cardiovascular Disease Therapeutics: From Molecular Genetics to Tissue Engineering. *Bioengineering (Basel)*. **Mallis P**, Michalopoulos E, Stavropoulos-Giokas C. 2021 Nov 4;8(11):174. doi: 10.3390/bioengineering8110174.
10. Improved Repopulation Efficacy of Decellularized Small Diameter Vascular Grafts Utilizing the Cord Blood Platelet Lysate. **Mallis P**, Sokolis DP, Katsimpoulas M, Kostakis A, Stavropoulos-Giokas C, Michalopoulos E. *Bioengineering (Basel)*. 2021 Aug 27;8(9):118. doi: 10.3390/bioengineering809011.
11. Interplay between mesenchymal stromal cells and immune system: clinical applications in immune-related diseases. **Mallis P.**, Michalopoulos E., Chatzistamatiou T., Stavropoulos-Giokas C. *Exolaration of immunology*.
12. Optimizing Decellularization Strategies for the Efficient Production of Whole Rat Kidney Scaffolds. **Mallis P**, Oikonomidis C, Dimou Z, Stavropoulos-Giokas C, Michalopoulos E, Katsimpoulas M. *Tissue Eng Regen Med.* 2021 May 20. doi: 10.1007/s13770-021-00339-y.
13. \Selection Criteria of Cord Blood Units for Platelet Gel Production: Proposed Directions from Hellenic Cord Blood Bank. Comment on Mallis et al. Short Term Results of Fibrin Gel Obtained from Cord Blood Units: A Preliminary in Vitro Study. *Bioengineering* 2019, 6, 66. **Mallis P**, Michalopoulos E, Panagouli E, Dimou Z, Sarri EF, Georgiou E, Gkioka V, Stavropoulos-Giokas C. *Bioengineering (Basel)*. 2021 Apr 27;8(5):53.
14. Future Perspectives in Small-Diameter Vascular Graft Engineering. **Mallis P**, Kostakis A, Stavropoulos-Giokas C, Michalopoulos E. *Bioengineering (Basel)*. 2020 Dec 10;7(4):E160.
15. Mesenchymal stromal cells as potential immunomodulatory players in severe acute respiratory distress syndrome induced by SARS-CoV-2 infection. **Mallis P**, Michalopoulos E, Chatzistamatiou T, Stavropoulos-Giokas C. *World J Stem Cells.* 2020 Aug 26;12(8):731-751.
16. Insights into Biomechanical and Proteomic Characteristics of Small Diameter Vascular Grafts Utilizing the Human Umbilical Artery. **Mallis P**, Sokolis DP, Makridakis M, Zoidakis J, Velentzas AD, Katsimpoulas M, Vlahou A, Kostakis A, Stavropoulos-Giokas C, Michalopoulos E. *Biomedicines.* 2020 Aug 10;8(8):E280. doi: 10.3390/biomedicines8080280.
17. Efficient differentiation of vascular smooth muscle cells from Wharton's Jelly mesenchymal stromal cells using human platelet lysate: A potential cell source for small blood vessel engineering. **Mallis P**, Papapanagiotou A, Katsimpoulas M, Kostakis A, Siasos G, Kassi E, Stavropoulos-Giokas C, Michalopoulos E *World J Stem Cells.* 2020 Mar 26;12(3):203-221.
18. The Combined Use of Stem Cells and Platelet Lysate Plasma for the Treatment of Erectile Dysfunction: A Pilot Study-6 Months Results. Protogerou V, Beshari SE, Michalopoulos E, **Mallis P**, Chrysikos D, Samolis AA, Stavropoulos-Giokas C, Troupis T.
19. Vitrified Human Umbilical Arteries as Potential Grafts for Vascular Tissue Engineering. **Mallis P**, Katsimpoulas M, Kostakis A, Dipresa D, Korossis S, Papapanagiotou A, Kassi E, Stavropoulos-Giokas C, Michalopoulos E. *Tissue Eng Regen Med.* 2020 Jun;17(3):285-299.
20. Effect of Cord Blood Platelet Gel on wound healing capacity of human Mesenchymal Stromal Cells. **Mallis P**, Alevrogianni V, Sarri P, Velentzas AD, Stavropoulos-Giokas C, Michalopoulos E. *Transfus Apher Sci.* 2020 Jan 27:102734.

21. Introduction to the Special Issue on Stem Cell and Biologic Scaffold Engineering. **Mallis P**, Stavropoulos-Giokas C, Michalopoulos E. *Bioengineering (Basel)*. 2019 Aug 21;6(3):72.
22. Short Term Results of Fibrin Gel Obtained from Cord Blood Units: A Preliminary in Vitro Study. **Mallis P**, Gontika I, Dimou Z, Panagouli E, Zoidakis J, Makridakis M, Vlahou A, Georgiou E, Gkioka V, Stavropoulos-Giokas C, Michalopoulos E. *Bioengineering (Basel)*. 2019 Aug 2;6(3):66.
23. Optimization of Decellularization Procedure in Rat Esophagus for Possible Development of a Tissue Engineered Construct. **Mallis P**, Chachlaki P,
24. Wharton Jelly Mesenchymal Stem Cells Derived from Human Umbilical Cord Capable to Differentiate into Neural-Like Cells and their Potential Use in Neurological Disorders. **Mallis P**, Papadopoulos G, Michalopoulos E, Stavropoulos Giokas C. *Electronic Journal of Biology* 2017, 13(4):442.
25. Histological and biomechanical characterization of decellularized porcine pericardium as a potential scaffold for tissue engineering applications. **Mallis P**, Michalopoulos E, Dimitriou C, Kostomitsopoulos N, Stavropoulos-Giokas C. *Biomed Mater Eng*. 2017;28(5):477-488.
26. Development and Biochemical Characterization of Tissue Engineered Vascular Grafts From Umbilical Cord. Michalopoulos E, **Mallis P**, Zoidakis J., Chatzistamatiou T.K, Vlahou A, Papassavas A.C., Stavropoulos-Giokas C. *Cytotherapy* 2016, 18(6); S63
27. Optimizing isolation culture and freezing methods to preserve Wharton's jelly's mesenchymal stem cell (MSC) properties: an MSC banking protocol validation for the Hellenic Cord Blood Bank. Chatzistamatiou TK, Papassavas AC, Michalopoulos E, Gamaloutsos C, **Mallis P**, Gontika I, Panagouli E, Koussoulakos SL, Stavropoulos-Giokas C. *Transfusion*. 2014 Dec;54(12):3108-20.
28. Human umbilical cord arteries as potential arterial grafts: a proteomic validation of decellularization protocols. **Mallis P**, Gontika I, Poulagianopoulos T, Zoidakis J, A. Vlahou A, Michalopoulos E, Chatzistamatiou T.K., Papassavas A.C., Stavropoulos-Giokas C. *Cytotherapy* 2014, 16(4) S38-39.
29. Evaluation of Decellularization in Umbilical Cord Artery. **Mallis P.**, Gontika I., Pouligiannopoulos T., Zoidakis J., Vlachou A., Michalopoulos E., Chatzistamatiou T., Papassavas A., Stauropoulos C. *Transplantation Proc* 2014; 46(9): 3233-9. Katsimpoulas M, Stavropoulos-Giokas C, Michalopoulos E. *Bioengineering (Basel)*. 2018 Dec 24;6(1).
30. Administration of Adipose Derived Mesenchymal Stem Cells and Platelet Lysate in Erectile Dysfunction: A Single Center Pilot Study. Protogerou V, Michalopoulos E, **Mallis P**, Gontika I, Dimou Z, Liakouras C, Stavropoulos-Giokas C, Kostakopoulos N, Chrisofos M, Deliveliotis C. *Bioengineering (Basel)*. 2019 Mar 5;6(1):21.
31. Biocompatibility and Immunogenicity of Decellularised Allogeneic Aorta in the Orthotopic Rat Model. Katsimpoulas M, Morticelli L, Gontika I, Kouvaka A, **Mallis P**, Dipresa D, Böer U, Soudah B, Haverich A, Michalopoulos E, Korossis SA. *Tissue Eng Part A*. 2018 Dec 22.
32. Recellularization potential of small diameter vascular grafts derived from human umbilical artery. **Mallis P**, Michalopoulos E, Pantsios P, Kozaniti F, Deligianni D, Papapanagiotou A, Stavropoulos Giokas C. *Biomed Mater Eng*. 2018 Dec 4.
33. Evaluation of HLA-G Expression in Multipotent Mesenchymal Stromal Cells Derived from Vitrified Wharton's Jelly Tissue. **Mallis P**, Boulari D, Michalopoulos E, Dinou A, Spyropoulou-Vlachou M, Stavropoulos-Giokas C. *Bioengineering (Basel)*. 2018 Nov 1;5(4).
34. Non-Inherited Maternal Antigens Identify Acceptable HLA Mismatches: A New Policy for the Hellenic Cord Blood Bank. Panagouli E, Dinou A, **Mallis P**, Michalopoulos E, Papassavas A, Spyropoulou-Vlachou M, Meletis J, Angelopoulou M, Konstantopoulos K, Vassilakopoulos T, Stavropoulos-Giokas C. *Bioengineering (Basel)*. 2018 Sep 21;5(4)



35. Development of HLA-matched vascular grafts utilizing decellularized human umbilical artery. **Mallis P**, Michalopoulos E, Dinou A, Vlachou MS, Panagouli E, Papapanagiotou A, Kassi E, Giokas CS. Hum Immunol. 2018 Dec;79(12):855-860.
36. Re- Endothelialized Small Diameter Vascular Grafts Derived from Human Umbilical Arteries as Coronary Artery Substitutes. **Mallis P**. Papapanagiotou A., Kassi E., Velentzas A., Katsimpoulas M., Stavropoulos Giokas C., Michalopoulos E. Clinics in Surgery 2018, 3; 1-7.
37. Vitreous Cryopreservation of HLA matched Vascular Grafts Utilizing the Decellularized Human Umbilical Artery. **Mallis P**, Michalopoulos E, Dinou A, Papapanagiotou A, Spyropoulou Vlachou M, Stavropoulos Giokas C. HLA 2018, 91(5); 348.
38. Comprehensive evaluation of different cryopreservation methods used for the successful storage of human Wharton's Jelly tissue. **Mallis P**, Georgiou E, Michalopoulos E, Stavropoulos Giokas C. Biomedical Research and Clinical Practice 2018, 3 (1);1-9
39. Evaluation of Peripheral Blood and Cord Blood Platelet Lysates in Isolation and Expansion of Multipotent Mesenchymal Stromal Cells. Christou I, **Mallis P** (equal first), Michalopoulos E, Chatzistamatiou T, Mermelekas G, Zoidakis J, Vlahou A, Stavropoulos-Giokas C. Bioengineering (Basel). 2018, 26;5(1).
40. Stem cell therapy for erectile dysfunction: Preliminary results from a single-center pilot study in Greece. Protogerou V, Michalopoulos E, **Mallis P**, Gontika I, Stavropoulos Giokas Catherine. Hellenic Urology 2017, 29(3); 34-41.

## **LANGUAGES- ADDITIONAL KNOWLEDGE**

### Languages:

- Advanced Speaker in English: Certificate of Lower in English (University of Michigan).
- Fluent Speaker in German: Zertifikat Deutch (Goethe Institut).
- Greek (Native).

### Additional Knowledge:

- R-basics Programmer Skills. Harvard EDX Certificate (2022)
- Advanced Computer Skills: ECDL Core Certificate (European Computer Driving License).
- Advanced knowledge of Data Entry and Statistical evaluation (SPSS)
- Advances Knowledge of Image Processing Software including Image J., Volocity and Microsoft Photoshop.

## **HOBBIES**

**Football, cinema, theatre, software devel**

