

CURRICULUM VITAE

Family name, First name: **MITROULIS IOANNIS**

Date of birth: September 8th 1979

Work address: University Hospital of Alexandroupolis, Dragana 68100

E-mail: imitroul@med.duth.gr

Phone number: [0030 25513 51090](tel:00302551351090)

FAX: 0030 25510 30378

PRESENT POSITION:

Assitant Professor, First Department of Internal Medicine and Department of Hematology, Democritus University of Thrace, Alexandroupolis, Greece

EDUCATION

- 2003: Human Medicine; Democritus University of Thrace, Alexandroupolis, Greece
- 2011: Doctorate thesis (PhD), Democritus University of Thrace, Alexandroupolis, Greece
- 2012: Specialization in Internal Medicine

EMPLOYMENT

- 04/2018-: Assistant Professor in Internal Medicine, First Department of Internal Medicine and Department of Hematology, Democritus University of Thrace, Alexandroupolis, Greece
- 12/2017- 05/2015-3/2018: Physician and Group Leader at the Institute for Clinical Chemistry and Laboratory Medicine, University Clinic Carl Gustav-Carus, Technische Universität Dresden, Germany.
- 11/2012-04/2015: Post-Doctoral Training in Department of Clinical Pathobiochemistry and Institute for Clinical Chemistry and Laboratory Medicine, University Clinic Carl Gustav-Carus, Technische Universität Dresden, Germany
- 02/2008-10/2012: Resident physician, 1st Department of Internal Medicine, University Hospital of Alexandroupolis, Greece.

AWARDS

Research Award (2018): Deutsche Arbeitsgemeinschaft für Knochenmark- und Blutstammzelltransplantation, DAG-KBT) for the publication: Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche (Journal of Clinical Investigation; 2017, 127(10): 3624-3639)

PUBLICATION METRICS

H-Index: 22, Total Citations: 4075 (Scopus October 2019)

Mean Impact Factor: 8.3

Total Impact Factor: 492

Impact Factor as First or Last Author: 141

10 SELECTED PUBLICATIONS (out of 59)

1. Chavakis T*, **Mitroulis I***, Hajishengallis G*. Hematopoietic progenitor cells as integrative hubs for adaptation to and fine-tuning of inflammation. **Nature Immunology**, 2019;20:802-811.
2. Gavriilaki E, Chrysanthopoulou A, Sakellari I, Batsis I, Mallouri D, Touloumenidou T, Papalexandri A, Mitsios A, Arampatzioglou A, Ritis K, Brodsky RA, **Mitroulis I***, Anagnostopoulos A*. Linking Complement Activation, Coagulation, and Neutrophils in Transplant-Associated Thrombotic Microangiopathy. **Thromb Haemost.** 2019;119:1433-1440.

Editorial: Lämmle B, **Thromb Haemost.** 2019;119:1382

3. Kourtzelis I, Li X, **Mitroulis I**, Grosser D, Kajikawa T, Wang B, Grzybek M, von Renesse J, Czogalla A, Troullinaki M, Ferreira A, Doreth C, Ruppova K, Chen LS, Hosur K, Lim JH, Chung KJ, Grossklaus S, Tausche AK, Joosten LAB, Moutsopoulos NM, Wielockx B, Castrillo A, Korostoff JM, Coskun Ü, Hajishengallis G, Chavakis T. DEL-1 promotes macrophage efferocytosis and clearance of inflammation. **Nature Immunology**. 2019; 20:40-49

Commentary - Highlight:

Fredman G. **Nature Immunology**. 2019; 20:2-3

4. **Mitroulis I**, Ruppova K, Wang B, Chen LS, Grzybek M, Grinenko T, Eugster A, Troullinaki M, Palladini A, Kourtzelis I, Chatzigeorgiou A, Schlitzer A, Beyer M, Joosten LAB, Isermann B, Lesche M, Petzold A, Simons K, Henry I, Dahl A, Schultze JL, Wielockx B, Zamboni N, Mirtschink P, Coskun Ü, Hajishengallis G, Netea MG, Chavakis T. Modulation of myelopoiesis progenitors is an integral component of trained immunity. **Cell**. 2018; 172:147-161.

Commentaries - Highlights:

Samir P et al. **Cell Metabolism**. 2018; 27:481-82.

Kopf M and Nielsen PJ. **Nature Immunology**. 2018; 19:320-22.

Sohrabi Y et al. **Trends in Endocrinology and Metabolism**. 2018; 29:602-5

Song WM and Colonna M. **Cell**. 2018; 172:3-5.

5. Chen L-S, Kourtzelis I, Singh RP, Grossklaus S, Wielockx B, Hajishengallis G, Chavakis T, **Mitroulis I**. Endothelial Cell-Specific Overexpression of Del-1 Drives Expansion of Haematopoietic Progenitor Cells in the Bone Marrow. **Thromb Haemost** 2018;118: 613-616.

6. von Bonin M, Moll K, Kramer M, Oelschlägel U, Wermke M, Röllig C, Thiede C, Ehninger G, Krämer A, Müller-Tidow C, **Mitroulis I**, Bornhäuser M. JAM-C Expression as a Biomarker to Predict Outcome of Patients with Acute Myeloid Leukemia. **Cancer Res.** 2018; 78:6339-6341.
7. **Mitroulis I**, Chen LS, Singh RP, Kourtzelis I, Economopoulou M, Kajikawa T, Troullinaki M, Ziogas A, Ruppova K, Hosur K, Maekawa T, Wang B, Subramanian P, Tonn T, Verginis P, von Bonin M, Wobus M, Bornhäuser M, Grinenko T, Di Scala M, Hidalgo A, Wielockx B, Hajishengallis G, Chavakis T. Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche. **J Clin Invest.** 2017; 127:3629-39.
8. Shin J, Maekawa T, Abe T, Hajishengallis E, Hosur K, Pyaram K, **Mitroulis I**, Chavakis T, Hajishengallis G. DEL-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in nonhuman primates. **Sci Transl Med.** 2015; 7(307):307ra155. COVER ARTICLE
9. Kambas K, Chrysanthopoulou A, Vassilopoulos D, Apostolidou E, Skendros P, Girod A, **Mitroulis I**. Tissue factor expression in neutrophil extracellular traps and neutrophil derived microparticles in antineutrophil cytoplasmic antibody associated vasculitis may promote thromboinflammation and the thrombophilic state associated with the disease. **Ann Rheum Dis.** 2014;73:1854–63.
10. **Mitroulis I**, Kourtzelis I, Kambas K, Rafail S, Chrysanthopoulou A, Speletas M, et al. Regulation of the autophagic machinery in human neutrophils. **Eur J Immunol.** 2010;40:1461–72.

* equal contribution

BOOK CHAPTERS

1. M Voulgarelis, I Mitroulis, A. Tzioufas. Amyloidosis: Pathophysiology, Diagnosis, and Management. Auto-Inflammatory Syndromes, 2019 DOI:10.1007/978-3-319-96929-9_22
2. I Kourtzelis, I Mitroulis. Leukocyte Recruitment. Compendium of Inflammatory Diseases, 841-849, Springer Basel, 2016

COMPLETE PUBLICATION LIST

1. Skendros P, Papagoras C, **Mitroulis I**, Ritis K. Autoinflammation: Lessons from the study of familial Mediterranean fever. **J Autoimmun.** 2019 Jul 20:102305. **(IF: 7.54)**
2. Chavakis T, **Mitroulis I**, Hajishengallis G. Hematopoietic progenitor cells as integrative hubs for adaptation to and fine-tuning of inflammation. **Nat Immunol.** 2019;20(7):802-811. **(IF: 23.53)**
3. Gavriilaki E, Chrysanthopoulou A, Sakellari I, Batsis I, Mallouri D, Touloumenidou T, Papalexandri A, Mitsios A, Arampatzioglou A, Ritis K, Brodsky RA, **Mitroulis I***, Anagnostopoulos A*. Linking Complement Activation, Coagulation, and Neutrophils in Transplant-Associated Thrombotic Microangiopathy. **Thromb Haemost.** 2019;119:1433-1440. **(IF: 4.73)**
4. Sprott D, Poitz DM, Korovina I, Ziogas A, Phieler J, Chatzigeorgiou A, **Mitroulis I**, Deussen A, Chavakis T, Klotzsche-von Ameln A. Endothelial-Specific Deficiency of ATG5 (Autophagy Protein 5) Attenuates Ischemia-Related Angiogenesis. **Arterioscler Thromb Vasc Biol.** 2019;39(6):1137-1148. **(IF: 6.61)**
5. Boeltz S, Amini P, Anders HJ, Andrade F, Bilyy R, Chatfield S, Cichon I, Clancy DM, Desai J, Dumych T, Dwivedi N, Gordon RA, Hahn J, Hidalgo A, Hoffmann MH, Kaplan MJ, Knight JS, Kolaczowska E, Kubes P, Leppkes M, Manfredi AA, Martin SJ, Maueröder C, Maugeri N, **Mitroulis I**, Munoz LE, Nakazawa D, Neeli I, Nizet V, Pieterse E, Radic MZ, Reinwald C, Ritis K, Rovere-Querini P, Santocki M, Schauer C, Schett G, Shlomchik MJ, Simon HU, Skendros P, Stojkov D, Vandenabeele P, Berghe TV, van der Vlag J, Vitkov L, von Köckritz-Blickwede M, Yousefi S, Zarbock A, Herrmann M. To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. **Cell Death Differ.** 2019;26(3):395-408. **(IF: 4)**
6. Troullinaki M, Alexaki VI, **Mitroulis I**, Witt A, Klotzsche-von Ameln A, Chung KJ, Chavakis T, Economopoulou M. Nerve growth factor regulates endothelial cell survival and pathological retinal angiogenesis. **J Cell Mol Med.** 2019;23(4):2362-2371. **(IF: 4.6)**
7. Penkov S*, **Mitroulis I***, Hajishengallis G, Chavakis T. Immunometabolic Crosstalk: An Ancestral Principle of Trained Immunity? **Trends Immunology.** 2019;40(1):1-11 **(IF: 13)**
8. Skendros P, **Mitroulis I**, Ritis K. Autophagy in Neutrophils: From Granulopoiesis to Neutrophil Extracellular Traps. **Front. Cell Dev. Biol.** 2018;6:109. **(IF: 5.2)**
9. **Mitroulis I**, Kalafati L, Hajishengallis G, Chavakis T. Myelopoiesis in the Context of Innate Immunity. **J. Innate Immun.** 2018;1–8. **(IF: 4.1)**
10. Kourtzelis I, **Mitroulis I**, von Renesse J, Hajishengallis G, Chavakis T. From leukocyte recruitment to resolution of inflammation: the cardinal role of integrins. **J. Leukoc. Biol.** 2017;102(3):677–683. **(IF: 8)**

11. Troullinaki M, Garcia-Martin R, Sprott D, Klotzsche-von Ameln A, Grossklaus S, **Mitroulis I**, et al. 53BP1 Deficiency Promotes Pathological Neovascularization in Proliferative Retinopathy. **Thromb Haemost**. 2019;119(3):439-448. **(IF: 4.73)**
12. Kourtzelis I, Li X, **Mitroulis I**, Grosser D, Kajikawa T, Wang B, Grzybek M, et al. DEL-1 promotes macrophage efferocytosis and clearance of inflammation. **Nat Immunol**. 2018;1 doi:10.1038/s41590-018-0249-1. **(IF: 23.53)**
13. von Bonin M, Moll K, Kramer M, Oelschlägel U, Wermke M, Röllig C, Thiede C, Ehninger G, Krämer A, Müller-Tidow C, **Mitroulis I**, Bornhäuser M. JAM-C Expression as a Biomarker to Predict Outcome of Patients with Acute Myeloid Leukemia. **Cancer Res**. 2018; 78(21):6339-6341. **(IF: 8.37)**
14. **Mitroulis I**, Ruppova K, Wang B, Chen LS, Grzybek M, Grinenko T, Eugster A, Troullinaki M, Palladini A, Kourtzelis I, Chatzigeorgiou A, Schlitzer A, Beyer M, Joosten LAB, Isermann B, Lesche M, Petzold A, Simons K, Henry I, Dahl A, Schultze JL, Wielockx B, Zamboni N, Mirtschink P, Coskun Ü, Hajishengallis G, Netea MG, Chavakis T. Modulation of myelopoiesis progenitors is an integral component of trained immunity. **Cell**. 2018; 172:147-161. **(IF: 36.2)**
15. **Mitroulis I**, Chen L-S, Singh RP, Kourtzelis I, Economopoulou M, Kajikawa T, et al. Del-1 is a novel component of the hematopoietic stem cell niche and regulates steady-state and emergency myelopoiesis. **J Clin. Invest**. 2017;127(10):3624-3639. **(IF: 12.28)**
16. Chen L-S, Kourtzelis I, Singh RP, Grossklaus S, Wielockx B, Hajishengallis G, Chavakis T, **Mitroulis I**. Endothelial Cell-Specific Overexpression of Del-1 Drives Expansion of Haematopoietic Progenitor Cells in the Bone Marrow. **Thromb Haemost** 118(3), pp. 613-616. **(IF: 4.73)**
17. Chung K-J, Chatzigeorgiou A, Economopoulou M, Garcia-Martin R, Alexaki VI, **Mitroulis I**, et al. A self-sustained loop of inflammation-driven inhibition of beige adipogenesis in obesity. **Nat Immunol**. 2017 Jun;18(6):654-64. **(IF: 23.53)**
18. Angelidou I, Chrysanthopoulou A, Mitsios A, Arelaki S, Arampatzioglou A, Kambas K, Ritis D, Tsironidou V, Moschos I, Dalla V, Stakos D, Kouklakis G, **Mitroulis I**, Ritis K, Skendros P. REDD1/Autophagy Pathway Is Associated with Neutrophil-Driven IL-1 β Inflammatory Response in Active Ulcerative Colitis. **J Immunol**. 2018 5;200(12):3950-3961. **(IF: 4.54)**
19. Chrysanthopoulou A, Kambas K, Stakos D, **Mitroulis I**, et al. Interferon lambda1/IL-29 and inorganic polyphosphate are novel regulators of neutrophil-driven thromboinflammation. **J Pathol**. 2017 ;243(1):111-122. **(IF: 5.94)**
20. Skendros P, Chrysanthopoulou A, Rousset F, Kambas K, Arampatzioglou A, Mitsios A, ... **Mitroulis I**, Theodorou I, Ritis K. Regulated in development and DNA damage responses 1 (REDD1) links stress with IL-1 β -mediated familial Mediterranean fever attack through autophagy-driven neutrophil extracellular traps. **J Allergy Clin Immunol**. 2017;140(5):1378-1387.e13 **(IF: 14.11)**

21. Mitsios A, Arampatzioglou A, Arelaki S, **Mitroulis I**, Ritis K. NETopathies? Unraveling the Dark Side of Old Diseases through Neutrophils. **Front Immunol**. 2016;7:678. (IF: 4.7)
22. Subramanian P, **Mitroulis I**, Hajishengallis G, Chavakis T. Regulation of tissue infiltration by neutrophils: role of integrin $\alpha 3\beta 1$ and other factors. **Curr Opin Hematol**. 2016;23(1):36–43. (IF: 2.86)
23. Göbel K, Pankratz S, Asaridou C-M, Herrmann AM, Bittner S, Merker M, Ruck T, Glumm S, Langhauser F, Kraft P, Krug TF, Breuer J, Herold M, Gross CC, Beckmann D, Korb-Pap A, Schuhmann MK, Kuerten S, **Mitroulis I** et al. Blood coagulation factor XII drives adaptive immunity during neuroinflammation via CD87-mediated modulation of dendritic cells. **Nat Commun**. 2016;7:11626. (IF: 11.88)
24. Apostolidou E, Skendros P, Kambas K, **Mitroulis I**, Konstantinidis T, Chrysanthopoulou A, et al. Neutrophil extracellular traps regulate IL-1 β -mediated inflammation in familial Mediterranean fever. **Ann Rheum Dis**. 2016;75(1):269–77. (IF: 14.3)
25. Konstantinidis T, Kambas K, Mitsios A, Panopoulou M, Tsironidou V, Dellaporta E, ... **Mitroulis I**, Skendros P, Ritis K. Immunomodulatory Role of Clarithromycin in *Acinetobacter baumannii* Infection via Formation of Neutrophil Extracellular Traps. **Antimicrob Agents Chemother**. 2016;60(2):1040–8. (IF: 4.71)
26. Kourtzelis I, Kotlabova K, Lim J-H, **Mitroulis I**, Ferreira A, Chen L-S, et al. Developmental endothelial locus-1 modulates platelet-monocyte interactions and instant blood-mediated inflammatory reaction in islet transplantation. **Thromb Haemost**. 2016;115(4):781–8. (IF:4.73)
27. Stakos DA, Kambas K, Konstantinidis T, **Mitroulis I**, Apostolidou E, Arelaki S, et al. Expression of functional tissue factor by neutrophil extracellular traps in culprit artery of acute myocardial infarction. **Eur Heart J**. 2015;36(22):1405–14. (IF: 23.24)
28. **Mitroulis I**, Alexaki VI, Kourtzelis I, Ziogas A, Hajishengallis G, Chavakis T. Leukocyte integrins: role in leukocyte recruitment and as therapeutic targets in inflammatory disease. **Pharmacol Ther**. 2015;147:123–35. (IF: 9.39)
29. Shin J, Maekawa T, Abe T, Hajishengallis E, Hosur K, Pyram K, **Mitroulis I**, Chavakis T, Hajishengallis G. DEL-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in nonhuman primates. **Sci Transl Med**. 2015;7(307):307ra155. (IF: 16.71)
30. Hamad OA, **Mitroulis I**, Fromell K, Kozarcanin H, Chavakis T, Ricklin D, et al. Contact activation of C3 enables tethering between activated platelets and polymorphonuclear leukocytes via CD11b/CD18. **Thromb Haemost**. 2015;114(6):1207–17. (IF:4.73)
31. Ziogas A, Muders MH, Economopoulou M, Sprott D, Grossklaus S, Siegert G, ... **Mitroulis I**, Chavakis T. Brief Report: Endothelial-Specific X-Box Binding Protein 1 Deficiency Limits Tumor Necrosis Factor-Induced Leukocyte Recruitment and Vasculitis. **Arthritis Rheumatol**. 2015;67(12):3279–85. (IF: 9)
32. Kourtzelis I, Ferreira A, **Mitroulis I**, Ricklin D, Bornstein SR, Waskow C, et al. Complement inhibition in a xenogeneic model of interactions between human whole

- blood and porcine endothelium. **Horm Metab Res Horm Stoffwechselforschung Horm Metab**. 2015;47(1):36–42. (IF: 2.4)
33. Chung K-J, **Mitroulis I**, Wiessner JR, Zheng YY, Siegert G, Sperandio M, et al. A novel pathway of rapid TLR-triggered activation of integrin-dependent leukocyte adhesion that requires Rap1 GTPase. **Mol Biol Cell**. 2014;25(19):2948–55. (IF: 3.9)
34. **Mitroulis I**, Chavakis T. A3β1 is INTEGRAL to septic neutrophils. **Blood**. 2014;124(24):3507–8. (IF: 16.56)
35. Chrysanthopoulou A*, **Mitroulis I***, Apostolidou E, Arelaki S, Mikroulis D, Konstantinidis T, et al. Neutrophil extracellular traps promote differentiation and function of fibroblasts. **J Pathol**. 2014;233(3):294–307. (IF: 5.9)
36. **Mitroulis I**, Kang Y-Y, Gahmberg CG, Siegert G, Hajishengallis G, Chavakis T, et al. Developmental endothelial locus-1 attenuates complement-dependent phagocytosis through inhibition of Mac-1-integrin. **Thromb Haemost**. 2014;111(5):1004–6. (IF: 4.73)
37. Kambas K, Chrysanthopoulou A, Vassilopoulos D, Apostolidou E, Skendros P, Girod A, **Mitroulis I**. Tissue factor expression in neutrophil extracellular traps and neutrophil derived microparticles in antineutrophil cytoplasmic antibody associated vasculitis may promote thromboinflammation and the thrombophilic state associated with the disease. **Ann Rheum Dis**. 2014;73(10):1854–63. (IF: 14.11)
38. **Mitroulis I**, Hatzara C, Kandili A, Hadziyannis E, Vassilopoulos D. Long-term safety of rituximab in patients with rheumatic diseases and chronic or resolved hepatitis B virus infection. **Ann Rheum Dis**. 2013;72(2):308–10. 11. (IF: 14.11)
39. **Mitroulis I**, Kambas K, Ritis K. Neutrophils, IL-1β, and gout: is there a link? **Semin Immunopathol**. 2013;35(4):501–12. (IF: 6.8)
40. Apostolidou E, Kambas K, Chrysanthopoulou A, Kourtzelis I, Speletas M, Ritis K, **Mitroulis I**. Genetic analysis of C5a receptors in neutrophils from patients with familial Mediterranean fever. **Mol Biol Rep**. 2012;39(5):5503–10. (IF: 2.1)
41. Chrysanthopoulou A*, **Mitroulis I***, Kambas K, Skendros P, Kourtzelis I, Vradelis S, et al. Tissue factor-thrombin signaling enhances the fibrotic activity of myofibroblasts in systemic sclerosis through up-regulation of endothelin receptor A. **Arthritis Rheum**. 2011;63(11):3586–97. (IF: 9)
42. Kambas K*, **Mitroulis I***, Apostolidou E, Girod A, Chrysanthopoulou A, Pneumatikos I, et al. Autophagy mediates the delivery of thrombogenic tissue factor to neutrophil extracellular traps in human sepsis. **PLoS One**. 2012;7(9):e45427. (IF: 2.77)
43. Kambas K, Chrysanthopoulou A, Kourtzelis I, Skordala M, **Mitroulis I**, Rafail S, et al. Endothelin-1 signaling promotes fibrosis in vitro in a bronchopulmonary dysplasia model by activating the extrinsic coagulation cascade. **J Immunol**. 2011;186(11):6568–75. (IF: 4.53)
44. **Mitroulis I**, Kambas K, Anyfanti P, Doulas M, Ritis K. The multivalent activity of the tissue factor-thrombin pathway in thrombotic and non-thrombotic disorders as a target for therapeutic intervention. **Expert Opin Ther Targets**. 2011;15(1):75–89. (IF: 4.62)

45. Kourtzelis I, Markiewski MM, Doumas M, Rafail S, Kambas K, **Mitroulis I**, et al. Complement anaphylatoxin C5a contributes to hemodialysis-associated thrombosis. **Blood**. 2010;116(4):631–9. **(IF: 16.56)**
46. **Mitroulis I**, Skendros P, Oikonomou A, Tzioufas AG, Ritis K. The efficacy of canakinumab in the treatment of a patient with familial Mediterranean fever and longstanding destructive arthritis. **Ann Rheum Dis**. 2011;70(7):1347–8. **(IF: 14.11)**
47. **Mitroulis I**, Kambas K, Chrysanthopoulou A, Skendros P, Apostolidou E, Kourtzelis I, et al. Neutrophil extracellular trap formation is associated with IL-1 β and autophagy-related signaling in gout. **PLoS One**. 2011;6(12):e29318. **(IF: 2.77)**
48. **Mitroulis I**, Kourtzelis I, Kambas K, Chrysanthopoulou A, Ritis K. Evidence for the involvement of mTOR inhibition and basal autophagy in familial Mediterranean fever phenotype. **Hum Immunol**. 2011;72(2):135–8. **(IF: 2.2)**
49. **Mitroulis I**, Kourtzelis I, Kambas K, Rafail S, Chrysanthopoulou A, Speletas M, et al. Regulation of the autophagic machinery in human neutrophils. **Eur J Immunol**. 2010;40(5):1461–72. **(IF: 4.7)**
50. **Mitroulis I**, Kourtzelis I, Papadopoulos VP, Mimidis K, Speletas M, Ritis K. In vivo induction of the autophagic machinery in human bone marrow cells during Leishmania donovani complex infection. **Parasitol Int**. 2009;58(4):475–7. **(IF: 2)**
51. **Mitroulis I**, Papadopoulos VP, Konstantinidis T, Ritis K. Anakinra suppresses familial Mediterranean fever crises in a colchicine-resistant patient. **Neth J Med**. 2008;66(11):489–91. **(IF: 0.98)**
52. Kambas K*, **Mitroulis I***, Kourtzelis I, Chrysanthopoulou A, Speletas M, Ritis K. Fast and reliable mutation detection of the complete exon 11-15 JAK2 coding region using non-isotopic Rnase cleavage assay (NIRCA). **Eur J Haematol**. 2009;83(3):215–9.
53. Papadopoulos V, **Mitroulis I**, Giaglis S. MEFV heterogeneity in Turkish Familial Mediterranean Fever patients. **Mol Biol Rep**. 2010 Jan;37(1):355–8. **(IF: 2.1)**
54. Speletas M, Kalala F, **Mitroulis I**, Papadopoulos V, Merentiti V, Germanis AE, et al. TLR2 and TLR4 polymorphisms in familial Mediterranean fever. **Hum Immunol**. 2009;70(9):750–3. **(IF: 2.2)**
55. **Mitroulis I**, Skendros P, Ritis K. Targeting IL-1beta in disease; The expanding role of NLRP3 inflammasome. **Eur J Intern Med**. 2010;21(3):157–63. **(IF: 3.66)**
56. Kambas K, **Mitroulis I**, Ritis K. The emerging role of neutrophils in thrombosis-the journey of TF through NETs. **Front Immunol**. 2012;3:385. **(IF: 4.7)**
57. Klionsky DJ, Abdalla FC, Abeliovich H, Abraham RT, Acevedo-Arozena A, Adeli K, et al. Guidelines for the use and interpretation of assays for monitoring autophagy. **Autophagy**. 2012;8(4):445–544. **(IF: 11)**
58. Papadopoulos VP, Giaglis S, **Mitroulis I**, Ritis K. The population genetics of familial mediterranean fever: a meta-analysis study. **Ann Hum Genet**. 2008;72(Pt 6):752–61. **(IF: 1.3)**
59. Skendros P, **Mitroulis I**. Host cell autophagy in immune response to zoonotic infections. **Clin Dev Immunol**. 2012;2012:910525. **(IF: 3.4)**

*equal contribution

CURRENT FUNDING

Project title	Funding Source	Amount (Euros)	Period	Role of the PI
The role of endothelial developmental locus (Del)-1 in myeloid malignancies	Nationales Centrum für Tumorerkrankungen (NCT) Dresden – Junior Group Research grant (2017)	approx. 570,000	2018-2020	PI
BRIDGING: Novel targets for diagnostic stratification and epidemiologic surveillance of human brucellosis: host-guided molecular study in an endemic area at the crossroad between Asia and Europe	BMBF/GSRT: German-Greek Research and Innovation Programme 2016	175,000	2018-2020	Participating scientist / partner
Deciphering the principles of cell decision-making in multicellular systems: The Least microEnvironmental Uncertainty Principle (LEUP) (S128648)	VolkswagenStiftung	Total: 1,500,000 own part: 225,000	2020-2025	PI / Project partner
METAHEM: Immunometabolic regulation of hematopoietic stem cell niche in myelodysplasia and ageing	Hellenic Foundation for Research and Innovation	200,000	2020-2023	PI

TEACHING EXPERIENCE

-2018 Curricular Teaching of Medical Students in Internal Medicine (5th, 8th and 12th semester), Hematology (10th semester) and at Pathophysiology (5th semester) at the Democritus University of Thrace, Alexandroupolis, Greece.

-2018 Lecturer in the Master`s program: Translational Research in Biomedicine, Democritus University of Thrace, Alexandroupolis, Greece.

-2016-2018 Lecturer in the Master`s program: Regenerative Biology and Medicine , Center for Regenerative Therapies Dresden, Germany.

2015 –2017 Curricular Teaching of Medical Students in Clinical Chemistry and Laboratory Medicine at the Technische Universität Dresden (Practical courses).

REVIEWING ACTIVITY

JOURNALS:

Annals of the Rheumatic Diseases; Journal of Immunology; European Journal of Clinical Investigation; PLOS One; Journal of Leukocyte Biology; British Journal of Pharmacology; Cells; Oncotarget; Journal of Pharmacy and Pharmacology; Mediators of Inflammation; Antibodies; Frontiers in Cell and Developmental Biology; Cellular Immunology; Human Immunology; Clinical Genetics; Molecular Biology Reports

GRANT REVIEWING

Netherlands Organisation for Scientific Research

French National Research Agency

National Science Centre in Poland