

CURRICULUM VITAE

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Education and Degrees

- 1982-1987: Undergraduate student at the Department of Biology, University of Patras, Patra, Greece. Diploma (**BSc**) in Biology.
- 1988-1994: Graduate student at the National Hellenic Research Foundation (NHRF), Athens, Greece. **PhD** Diploma in Molecular Biology, Biology Department, University of Athens, Athens, Greece.
- 1994-1996: Research Associate, in the context of the 23-month mandatory military service, at the Laboratory of Pathology, Naval Hospital of Athens, Greece.
- 1996-1999: Post-Doctoral Research Associate at Mount Sinai Medical School, University of New York and Howard Hughes Medical Institute, NYC, USA.
- 1999-2000: Post-Doctoral Research Associate at Hellenic Pasteur Institute, Athens, Greece.

Research activities

- 1986-1987: **Diploma thesis** on “Heat shock proteins of *Drosophila melanogaster*, *Ceratitis capitata* and *Aspergillus nidulans*. A comparison”. University of Patras, Biology Department, Laboratory of Genetics, Cell Biology and Differentiation.
- 1987: **Visiting scientist** at the Laboratory of Genetic Biochemistry at the Necker Hospital, Paris. Work on the desegregation of the human chromosome 21.
- 1988-1994: **Ph.D. thesis** work at the National Hellenic Research Foundation on “Immunochemical identification and characterization of a novel nuclear RNP”.
- 1991: **Visiting scientist** at the Laboratory of Biochemistry, University of Nijmegen, Nijmegen, The Netherlands. Recipient of an **EMBO** short-term fellowship. Work on the cloning, through phage display, of a novel RNP protein.
- 1994-1996: **Research Associate**, in the context of the 23-month mandatory military service, partly at the Laboratory of Pathology, Naval Hospital of Athens. Work on the identification of possible prognostic and/or diagnostic markers of Breast Cancer using RT-PCR and immunocytochemistry.
- 1996-1999: **Research Associate** at the Rutenberg Cancer Center, Mount Sinai School of Medicine, and **Howard Hughes Medical Institute**, New York City, NY/USA. Work on the biochemistry of V(D)J recombination.

- 1999-2000: **Research Associate** at the Hellenic Pasteur Institute, Athens, Greece. Work on the Discovery of novel genes and/or pathways in the development of Rheumatoid Arthritis, using animal models, Differential Display PCR and DNA microarrays.
- 2000: **Visiting Scientist** at the laboratory of TAGC, INSERM/CNRS, University of Marseille at Luminy, France. Wet lab training on nylon DNA microarrays.
- 2000: Appointed (01/05/2000) as **Researcher grade C** (eq. Assistant Professor, tenure track) at the Institute of Immunology, Biomedical Sciences Research Center “Alexander Fleming”, Athens, Greece.
- 2001: **Visiting Scientist** at the laboratory of Genome Science, Genomic Exploration Research Group, RIKEN, Yokohama/Japan. Wet lab training on glass cDNA microarrays.
- 2002: **Visiting scientist**, recipient of an **EMBO** short term fellowship, at the Ludwig Institute of Cancer Research, University of Uppsala, Sweden. Wet lab training on glass cDNA microarrays. Work on the expression profiling of an animal model of Rheumatoid Arthritis.
- 2006: Appointed (02/03/2006) as **Researcher grade B** (eq. Associate Professor, tenure) at the Institute of Immunology, Biomedical Sciences Research Center “Alexander Fleming”, Athens, Greece.
- 2013: Appointed (01/06/2013) as **Researcher grade A** (eq. Full Professor) at the Institute of Immunology (now Fundamental Biomedical Research), Biomedical Sciences Research Center “Alexander Fleming”, Athens, Greece.

Academic activities

- He has supervised 12 PhD students (plus 2 ongoing), 21 Master students (plus 2 ongoing), and 10 diploma students (details at [Dissertations and theses](#)).
- He participated in several postgraduate master courses in Greece; currently: [Molecular Biomedicine](#), [Clinical Biochemistry and Molecular Diagnostics](#), and [Translational Engineering in Health and Medicine](#)
- He has been invited to present his work at a plethora of scientific conferences.
- He has served as a **reviewer** in >38 scientific journals (IF 3.51 -30.548), as well as in [H1Connect](#). Special topic guest editor at [Front. Med.](#) and [IJMS](#).
- He has served as a **reviewer/evaluator/rapporteur** of national and international grant proposals: GSRT, IKY, ELIDEK, Alliance National de la Recherche (ANR), British Lung Foundation, German Israeli Foundation, Netherland Organization for Scientific Research (NWO), Cyprus RIF, RIKEN/FANTOM, Welcome Trust, European Commission (Marie Curie/Horizon/Widera), and European Innovation Council.
- He was selected as the National representative in the 43rd Lindau **Nobel Laureate Meeting** (Lindau, Germany), and he has received a **Howard Hughes** fellowship and two **EMBO** short-term fellowships.
- In 2018, he received the **National Academy of Athens research award** for his work on the role of ATX in liver fibrosis and cancer.
- His lab is recognized as an “excellent” host center for respiratory research ([RESPIRE4](#))

Other activities

- He pioneered (2000-2007) the use of DNA microarrays and related bioinformatic tools and set up the first expression profiling service unit in Greece, offering services to Fleming and external researchers.
- He is a co-founder of [Biomedcode Hellas](#), a Fleming spin-off for preclinical evaluation studies and novel drug development and he has applied for eight patents (6 active).
- He is a founding member of the Scientific Society for Rare Diseases & Orphan Drugs ([SSRDOD](#)).
- He supervised (2005-2011) the creation of several [mouse databases](#), in the context of various international collaborations aiming to promote mouse database functionalities and interoperability.
- He set up the [Respiratory Unit](#) of BSRC Fleming and various animal models of lung diseases, allowing the investigation of pathogenetic genes and therapeutic interventions.
- He set up two **biobanks** with [idiopathic pulmonary fibrosis \(IPF\)](#) and [lung cancer](#) patient samples (sera, plasma, BALF, tissue), promoting translational research.
- He set up at the local MS facilities **lipidomics**, the quantification of more than 70 (lyso)phospholipids in biologic fluids and tissues.
- He has signed **>42 material transfer agreements** for proprietary materials (genetically modified mice and monoclonal antibodies)
- He established a **drug discovery pipeline** for the identification of novel ATX inhibitors, that can be applied for the pharmacological targeting of other novel drug targets.
- His work provided the scientific **proof of principle** for the ongoing clinical trials on ATX inhibition in IPF patients. He holds 7 National (OBI) **patents** on ATX inhibitors and has submitted 4 PCT applications (2 aborted, 1 published, and 1 pending; [patents](#)).

Funding (Details at [Funding](#))

- 8 European and 18 Greek competitive research grants of a total budget of 4.435.349,06€ (not counting fellowships and awards before appointment).
- 4 research contracts/agreements with the international pharmaceutical industry.

Selected indicative publications

- The **FANTOM Consortium** (2005). The transcriptional landscape of the mammalian Genome. *Science*. 309(5740):1559-63.
- Tzouvelekis A, ..., and **Aidinis V.** (2007). Comparative Expression Profiling in Pulmonary Fibrosis Reveals a Primary Role of Hypoxia Inducible Factor 1a in Disease Pathogenesis. *Am J Respir Crit Care Med*. 2007 Dec 1;176(11):1108-19.
- Kotsianidis I, ..., **Aidinis V.**, Margaritis D, Tsatalas C, Bouros D. 2009, "Global Impairment of CD4+CD25+FOXP3+ T Regulatory Cells in Idiopathic Pulmonary Fibrosis.", *Am J Respir Crit Care Med.*, 179(12):1121-30.
- Xirakia C, ..., **Aidinis V.**, Sideras P, Andreacos E. 2010. "Toll-like receptor 7-triggered immune response in the lung mediates acute and long-lasting suppression of experimental asthma." *Am J Respir Crit Care Med*. Jun 1;181(11):1207-16. Epub 2010 Mar 11.
- Schofield PN, ..., **Aidinis V.**, Tocchini-Valentini G, Hancock JM. 2010, "Research funding. Sustaining the data and bioresource commons.", *Science*. 2010 Oct 29; 330(6004):592-3.
- Nikitopoulou I, ..., **Aidinis V.** 2012, "Autotaxin expression from synovial fibroblasts is essential for the pathogenesis of modeled arthritis.", *J Exp Med.*, 2012 May 7; 209(5):925-33.
- Oikonomou N, ..., **Aidinis V.** 2012, "Pulmonary Autotaxin Expression Contributes to the Pathogenesis of Pulmonary Fibrosis.", *Am J Respir Cell Mol Biol*, 2012 Nov;47(5):566-74.
- Tzouvelekis A, ..., **Aidinis V.**, Herzog EL, Homer R, Bennett AM, Kaminski N. 2016, "SH2 Domain-containing Phosphatase-SHP-2 is a Novel Anti-fibrotic Regulator in Pulmonary Fibrosis", *Am J Respir Crit Care Med.*, 2017 Feb 15;195(4):500-514.
- Kaffe E, ..., **Aidinis V.** 2017, "Hepatocyte Autotaxin expression promotes liver fibrosis and cancer", *Hepatology*, 2017 Apr;65(4):1369-1383.
- Magkrioti C, ..., **Aidinis V.** 2018, "The autotaxin - lysophosphatidic acid axis promotes lung carcinogenesis", *Cancer Res.*, 2018 Jul 1;78(13):3634-3644.
- Zannikou M, ..., **Aidinis V.** MAP3K8 Regulates Cox-2-Mediated Prostaglandin E 2 Production in the Lung and Suppresses Pulmonary Inflammation and Fibrosis. *J Immunol*. 2021 Feb 1;206(3):607-620.
- Fanidis D, Moulos P, **Aidinis V.** Fibromine is a multi-omics database and mining tool for target discovery in pulmonary fibrosis. *Sci. Rep*. 2021 Nov 5;11(1):21712
- Fanidis D, Pezoulas VC, Fotiadis DI, **Aidinis V.** An explainable machine learning-driven proposal of pulmonary fibrosis biomarkers. *Comput Struct Biotechnol J*. 2023;21:2305-2315.
- Barbayianni I, ..., **Aidinis V.** SRC and TKS5 mediated podosome formation in fibroblasts promotes extracellular matrix invasion and pulmonary fibrosis. *Nat Commun*. 2023 Sep 21;14(1):5882.
- Karampitsakos T, ..., **Aidinis V.**, Tzouvelekis A. Expression of PD-1/PD-L1 axis in mediastinal lymph nodes and lung tissue of human and experimental lung fibrosis indicates

a potential therapeutic target for idiopathic pulmonary fibrosis. *Respir Res.* 2023 Nov 14;24(1):279.

- Kanellopoulou P, ..., **Aidinis V.** Versican expression from lung fibroblasts suppresses pulmonary fibrosis. *Nat Commun.* 2026 Jan 21;17(1):1676.
- Matralis AN, ..., **Aidinis V.** An aerosolised dual-action Autotaxin inhibitor-PPAR γ agonist for the treatment of pulmonary fibrosis. *Cell Rep Med* 2026

Publications

(For full lists: [PubMed](#), [Google Scholar](#), [Fleming](#), [Orcid](#), [Scopus](#))

1. **Aidinis, V.**, Dangli, A., Makrinos, P., Patrino-Georgoula, M., Sekeris, C.E. and Guialis, A. (1990). Immunochemical identification of a novel nuclear RNP complex of 70-110S from rat liver. In “*Nuclear structure and function*”, Ed. I.B.Zbarsky and J.R.Harris, Plenum Press, New York, 265-272.
2. Manousakis, M., Kistis, K.G., Liu, X., **Aidinis, V.**, Guialis, A. and Moutsopoulos, H.M. (1993). Detection of anti-RO (SSA) antibodies in autoimmune diseases: comparison of five methods. *Br. J. Rheum.* 32, 449-455.
3. Guialis, A., Patrino-Georgoula, M., **Aidinis, V.**, Sekeris, C.E. and Moutsopoulos, H.M. (1994). Anti-5S RNP antibody levels correlate with disease activity in a patient with SLE syndrome. *Clin. Exp. Immunol.* 95, 385-389.
4. **Aidinis, V.**, Sekeris, C.E. and Guialis, A. (1995). Two immunologically related polypeptides of 72/74 KD specify a novel 70-110S heterogeneous nuclear RNP. *Nucl. Acid Res.* 23(14): 2742-2753.
5. Manousakis, M., Kistis, K.G., **Aidinis, V.**, Guialis, A. and Moutsopoulos, H.M. (1995). Detection of of Human-specific anti-La (SSB) antibodies in patients with Rheumatoid Arthritis. *J Autoimm.* 8: 959-969
6. Santagata, S., **Aidinis, V.** and Spanopoulou, S. (1998).The effect of Me⁺ cofactors at the initial stages of V(D)J recombination. *J. Biol. Chem.* 273 (26):16325-16331.
7. **Aidinis, V.**, Bonaldi, T., Beltrame, M., Santagata, S., Bianchi, M.E. and Spanopoulou, E. (1999). The RAG1 homeodomain recruits HMG1 and HMG2 to facilitate Recombination Signal Sequence binding and to enhance the intrinsic DNA-bending activity of RAG1-RAG2. *Mol. Cell. Biol.* 19(10):6532-6542.
8. **Aidinis, V.**, Diaz, D.C., Gomez, C.A., Bachattaraya, D., Spanopoulou, E. and Sanatagata, S. E. (2000). Definition of minimal domains of interaction within the recombination-activating genes 1 and 2 recombinase complex. *J. Immunol.* 164(11):5826-5832.
9. **Aidinis, V.**, Plows, D., Haralambous, S., Armaka, M., Papadopoulos, P., Kanaki, M.Z., Koczan, D., Thiesen, H.J. and Kollias, G. (2003). Functional analysis of an arthritogenic synovial fibroblast. *Arthritis Res. & Ther.* 5(3):140-157
10. Carninci, P., Waki, K., Shiraki, Konno, H., Shibata, K., Itoh, M., Aizawa, K., Arakawa, T., Ishii, Y., Sasaki, Y., Bono, H., Kondo, S., Sugahara, Y., Saito, R., Osato, N., Fukuda, S., Sato, K., Watahiki, K., Hirozane-Kishikawa, T., Nakamura, M., Shibata, Y., Yasunishi, A., Kikuchi, N., Yoshiki, A., Kusakabe, M., Gustincich, S., Beisel, K., Pavan, W., **Aidinis, V.**, Nakagawara, A., Held, W., Iwata, H., Kono, T., Nakauchi, H., Lyons,

- P., Wells, C., Hume, D., Fagiolini, M., Hensch, T., Brinkmeier, M., Camper, S., Muramatsu, M., Okazaki, Y., Kawai, Y and Hayashizaki, Y. (2003). Targeting a complex transcriptome: The construction of the mouse full-length cDNA encyclopedia. *Genome Res.* 13:1273-89.
11. Thwin, M.-M., Douni, E., **Aidinis, V.**, Kollias, G. , Sato, K. and Gopalakrishnakone, P. (2004). Modulation of arthritis in transgenic mice by a peptide antagonist of secretory phospholipase A2. *Arthritis Res. & Ther.* 6(3):R282-94.
 12. The **FANTOM Consortium** (2005). The transcriptional landscape of the mammalian Genome. *Science.* 309(5740):1559-63
 13. **Aidinis V.**, Carninci P., Armaka M., Witke W., Harokopos V., Pavelka N., Koczan D., Argyropoulos C., Thwin M., Möller S., Gopalakrishnakone P., Ricciardi-Castagnoli P., Thiesen H.J., Hayashizaki Y. and Kollias G. (2005.) Cytoskeletal rearrangements in synovial fibroblasts as a novel pathophysiological determinant of modeled Rheumatoid Arthritis. *PLoS Genetics*, 1(4):e48
 14. Argyropoulos C, Nikiforidis G., Moustakas A., Kollias G. and **Aidinis V.** (2006). Operational criteria for selecting a cDNA microarray data normalization algorithm. *Oncol. Rep.*, 15:983-996.
 15. Oikonomou N., Harokopos V., Zalevsky J., Valavanis C., Kotanidou A., Szymkowski D.E., Kollias G. and **Aidinis V.** (2006). Soluble TNF Mediates the Transition from Pulmonary Inflammation to Fibrosis. *PLoS One.* Dec 27, e108.
 16. The **Mouse Phenotype Database Integration Consortium.** (2007). Integration of mouse phenome data resources. *Mamm Genome.* 2007 Mar;18(3):157-63
 17. Tzouvelekis A, Harokopos V., Paparountas T., Oikonomou N., Chatziioannou A., Vilaras G., Tsiambas E., Karameris A., Bouros D. and **Aidinis V.** (2007). Comparative Expression Profiling in Pulmonary Fibrosis Reveals a Primary Role of Hypoxia Inducible Factor 1a in Disease Pathogenesis. *Am J Respir Crit Care Med.* 2007 Dec 1;176(11):1108-19.
 18. **Aidinis V.**, Chandras C, Manoloukos M, Thanassopoulou A, Kranidioti K, Armaka M, Douni E, Kontoyiannis DL, Zouberakis M, Kollias G; Mugen NoE consortium. (2008) MUGEN mouse database; animal models of human immunological diseases. *Nucleic Acids Res.* 36(Database issue): D1048-54.
 19. Vasilopoulos Y, Gkretsi V, Armaka M, **Aidinis V.**, Kollias G. (2007). Actin cytoskeleton dynamics linked to synovial fibroblast activation as a novel pathogenic principle in TNF-driven arthritis. *Ann Rheum Dis.* 66 Suppl 3: iii23-8.
 20. Maglogiannis I, Sarimveis H., Kiranoudis C., Chatziioannou A.A., Oikonomou N. and **Aidinis V.** (2008). Radial Basis Function neural networks classification for the recognition of idiopathic pulmonary fibrosis in microscopic images. *IEEE Trans Inf Technol Biomed.* 2008 Jan;12(1):42-54.
 21. Maniatis N, Harokopos V, Thanassopoulou A, Oikonomou N, Mersinias V, Witke W, Orfanos SE, Armaganidis A, Roussos C, Kotanidou A and **Aidinis V** (2009). A critical role for Gelsolin in Ventilator-Induced Lung Injury. *Am J Respir Cell Mol Biol* 41(4): 426-32.
 22. Oikonomou N, Thanasopoulou A, Tzouvelekis A, Harokopos V, Paparountas T, Nikitopoulou I, Witke W, Karameris A, Kotanidou A, Bouros D and **Aidinis V.** (2009).

- Gelsolin mediated epithelial apoptosis is a primary pathologic insult in pulmonary inflammation and fibrosis. *Thorax*. 64(6): 467-75
23. Tzouvelekis A, **Aidinis V**, Harokopos V, Karameris A, Zacharis G, Mikroulis D, Konstantinou F, Steiropoulos P, Sotiriou I, Froudarakis M, Pneumatikos I, Tringidou R, Bouros D. (2009). Down-regulation of the inhibitor of growth family member 4 (ING4) in different forms of pulmonary fibrosis. *Respir Res*. Feb 27;10:14
 24. Katsanou V, Milatos S, Yiakouvaki A, Sgantzis N, Kotsoni A, Alexiou M, Harokopos V, **Aidinis V**, Hemberger M, Kontoyiannis DL. (2009). The RNA-binding protein Elavl1/HuR is essential for placental branching morphogenesis and embryonic development. *Mol Cell Biol*. May;29(10):2762-76. Epub 2009 Mar 23.
 25. Kotsianidis I, Nakou E, Bouchliou I, Tzouvelekis A, Spanoudakis E, Steiropoulos P, Sotiriou I, **Aidinis V.**, Margaritis D, Tsatalas C, Bouros D., 2009, "Global Impairment of CD4+CD25+FOXP3+ T Regulatory Cells in Idiopathic Pulmonary Fibrosis.", *Am J Respir Crit Care Med.*, 179(12):1121-30.
 26. Christina Chandras, Thomas Weaver, Michael Zouberakis, Damian Smedley, Klaus Schughart, Nadia Rosenthal, John M. Hancock, George Kollias, Paul N. Schofield, and **Aidinis V.**, 2009, "Models for financial sustainability of biological databases and resources ", Database (2009), Vol. 2009:bap017. Epub 2009 Oct 23
 27. Morgan H, Beck T, Blake A, Gates H, Adams N, Debouzy G, Leblanc S, Lengger C, Maier H, Melvin D, Meziane H, Richardson D, Wells S, White J, Wood J, **EUMODIC Consortium** , de Angelis MH, Brown SD, Hancock JM, Mallon AM., 2010, "EuroPhenome: a repository for high-throughput mouse phenotyping data.", *Nucleic Acids Res*, 2010 Jan;38(Database issue):, D577-85. Epub 2009 Nov 23.
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Citation indices	All	Since 2021
Citations	12949	5177
h-index	52	37
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Publicity

His work has received numerous times the attention from the local and international press (details at [In the news](#)).

Conference Presentations

- P. Kanellopoulou, I. Barbayianni, D. Fanidis, D. Nastos, A. Galaris, and V. Aidinis. **Versican expression from pulmonary fibroblasts regulates podosome formation, ECM invasion and pulmonary fibrosis**. Matrix Biology Europe 2024. Lyon/France, 24-27 September 2024. (Invited talk)
- D. Nastos, P. Kanellopoulou, I. Barbayianni, V. Aidinis. **Lysophosphatidic acid induces invadosome formation in both lung and synovial fibroblasts**. 2023. 73rd National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Conference Center of Eugenides Foundation, 1-3 December 2023. (Selected talk)
- Aidinis V. **Autotaxin: The discovery and establishment of a novel therapeutic target**. Chemical Biology Workshop: Drug & Biomarker Discovery, 23-25/09/2023, Athens, Greece. (Plenary talk)
- Aidinis V. **Autotaxin: from bed to bench side**. Bio3 conference, 15-17/09/2023, Athens, Greece. (Invited talk)
- Aidinis V. **SRC/TKS5-mediated podosome formation promotes ECM invasion and pulmonary fibrosis**. 3rd SHARE congress, 29/06-02/07/2023, Heraklion, Greece. (Invited talk)
- Aidinis V. **A novel ATX inhibitor with dual action for the treatment of IPF**. 3rd SHARE congress, 29/06-02/07/2023, Heraklion, Greece. (Invited talk)
- Aidinis V. **The ECM lung fibroblast interplay is critical for the development of pulmonary fibrosis**. 72nd HSBMB congress. December 2-4, 2022, Patras, Greece. (Invited talk).
- Aidinis V. **Autotaxin: A novel player in chronic inflammation and fibrosis**. ICSA Cellular Senescence the bright & dark side. September 09-12, 2019, Athens, Greece. (Invited talk).
- Aidinis V. **Autotaxin is a novel player and a promising therapeutic target in chronic inflammatory disorders**. Bioactive Lipids – From Chemistry to Biology and Medicine. March 29 – 31, 2018, Athens, Greece. (Invited talk).
- Αϊδίνης Β. «**Η έκφραση της Autotaxin από τραυματισμένα ηπατοκύτταρα προάγει την ηπατική ίνωση και διευκολύνει την ανάπτυξη ηπατοκυτταρικού καρκινώματος**». 2016. 2ο Συνέδριο Συνδέσμου Ιατρικών Γενετιστών Ελλάδας, 4-6 Νοεμβρίου, Αθήνα, Ελλάδα (προσκεκλημένη ομιλία).
- Aidinis V. “**Autotaxin distorts lipid homeostasis promoting and interconnecting fibrosis and cancer**”. 2016. Aegean International Conference on “Tissue repair, regeneration and fibrosis”. September 21-26, Rhodes, Greece. (Invited talk).
- Aidinis V. “**ATX and LPA signalling in lung pathophysiology**”. 2014. COST: Developmental Origins of Chronic Lung Disease. June 26-27, Groningen, The Netherlands (Invited talk)
- Aidinis V. “**Lipid mediators in inflammation**”. 2013. 4th summer school in Immunology, June 24-28, Medical School, NKUA (Invited talk)
- Aidinis V. “**Autotaxin, a novel player in chronic inflammation**”. 2013. BTCure workshop on animal models, June 5-7, Athens, Greece (Invited talk)

- Aidinis V. “**Autotaxin, a novel player in chronic inflammation**”. 2013. Transmed meeting on biomarker discovery. May 10, Athens, Greece (Invited talk).
- Αϊδίνης Β. «**Autotaxin: Ένας νέος φαρμακευτικός στόχος στην χρόνια φλεγμονή και καρκίνο**». 2012. 20⁰ συνέδριο κλινικής ογκολογίας, 1-4 Νοεμβρίου. Ηράκλειο Κρήτης (προσκεκλημένη ομιλία)
- Aidinis V. “**Phospholipids in inflammation**”. 2012. FEBS workshop: Lipids, from lipidomics to disease and green energy, June 24-28, Medical School, National and Kapodistrian University of Athens (Invited talk)
- Aidinis V. “**Autotaxin and its role in arthritis**”. 2012. Masterswitch meeting, June 17-19, Athens, Greece (Invited talk)
- Αϊδίνης Β. «**Βασική έρευνα**». 2012. 1⁰ Πνευμονολογικό συμπόσιο Δημοκρίτειου Πανεπιστημίου Θράκης Θεραπευτικές εξελίξεις στην πνευμονολογία, 16-18 Μαρτίου, Αλεξανδρούπολη (προσκεκλημένη ομιλία)
- Αϊδίνης Β. «**Διερεύνηση DNA/RNA μεγάλης κλίμακας**». 2012. Εκπαιδευτικό πρόγραμμα Μοριακής Παθολογικής Ανατομικής, 21 Ιανουαρίου, Αθήνα (προσκεκλημένη ομιλία)
- Aidinis V. “**Autotaxin and Phospholipid in the pathogenesis of chronic inflammatory diseases**”. 2011. 2011 FASEB Summer Research Conference “Lysophospholipid mediators in health and disease”. August 14-19, Lucca, Italy. (Invited Talk)
- Aidinis V. “**Autotaxin and Phospholipid signalling in Chronic Inflammation**” (2011). Advances in Immunology and Cancer Biology workshop. 15-17 April 2011, Bogazici University, Istanbul, Turkey. (Invited Talk)
- Oikonomou N., Thanassopoulou A., Kotanidou A., Prestwich G.D., Aidinis V. (2010) “**Genetic or pharmacologic inhibition of ATX stimulates LPS-induced pulmonary inflammation**”. ERS annual congress, 18-22 Sept, Barcelona, Spain. (Invited Talk)
- Chandras C., Kollias G., Aidinis V 2010 “**Online Mouse Resources; Phenotypic Characterization in practice**”, Eumodic 3rd Annual Meeting, March 25-26 2010, Brussels, Belgium. (Invited Talk)
- Oikonomou N., Thanassopoulou A., Kotanidou A., Prestwich G.D., Aidinis V. 2010 “**Genetic or pharmacologic inhibition of ATX stimulates LPS-induced pulmonary inflammation**” 8th ERS Lung Science Conference, March 26-28, Estoril, Portugal. (Selected Talk)
- Chandras C., Smedley D., Hancock J.M., Schofield P.N., Aidinis V. 2010 “**How could digital preservation of biological data and material resources be financially supported?**” 3rd Human Variome Project Meeting, May 10-14, Paris, France. (Invited Talk)
- Nikitopoulou I., Mersinias V., Oikonomou N., Karouzakis E., Gay S., Kollias G., Aidinis V. (2009) “**An essential role of the Lysophosphatidic acid-generating enzyme Autotaxin in synovial fibroblast activation and the pathogenesis of Rheumatoid Arthritis**” 4th ENII-MUGEN Immunology Summer School, May 17-24, Capo Caccia, Sardinia, Italy (Presentation award)
- Nikitopoulou I., Mersinias V., Oikonomou N., Karouzakis E., Gay S., Kollias G., Aidinis V. (2009) “**An essential role of the Lysophosphatidic acid-generating enzyme**”

Autotaxin in synovial fibroblast activation and the pathogenesis of Rheumatoid Arthritis” 60ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας και Μοριακής Βιολογίας 20-22 Νοεμβρίου, Αίγλη Ζαππείου, Αθήνα (Έπαινος προφορικής παρουσίασης)

- Chandras C., Zouberakis M., Schofield P.N., Smedley D., Hancock J.M., Gkoutos G., Kollias G., Aidinis V. (2009) "**Online Mouse Resources; Phenotypic Characterization in practice**". MUGEN Immune Phenotyping Workshop, October 6-8, Athens, Greece.
- Chandras C. (2009) "**MKE – RELATIONAL DATABASES MUGEN Mouse Database (MMdb)**". 5th MUGEN Annual & Review Meeting, January 26-28, Athens, Greece.
- Chandras C., Weaver T., Zouberakis M., Hancock J.M., Schofield P.N, and Aidinis V., (2008). "**Digital preservation - financial sustainability of biological data and material resources**", BioInformatics and BioEngineering, 2008. , Page(s):1 - 6 [[IEEEExplore](#)].
- Zouberakis M., Chandras C., Hancock J.M., Schofield P.N., and Aidinis V., 2008, "**The Mouse Resource Browser (MRB) - A near-complete registry of mouse resources**", BioInformatics and BioEngineering, 2008. , Page(s):1 - 5 [[IEEEExplore](#)].
- Hancock J.M., Schofield P.N., Chandras C., Zouberakis M, Aidinis V., Smedley D., Rosenthal N., and Schughart K., 2008, "**CASIMIR: Coordination and Sustainability of International Mouse Informatics Resources**", BioInformatics and BioEngineering, 2008., Page(s):1 - 6 [[IEEEExplore](#)].
- Swertz M.A., Smedley D., Wolstencroft K., Alberts R., Zouberakis M., Aidinis V.,Schughart K., Schofield P.N., and Jansen R.C., 2008, "**Towards dynamic database infrastructures for mouse genetics**", BioInformatics and BioEngineering, 2008., Page(s):1 - 7 [[IEEEExplore](#)].
- Αϊδίνης Β. **Epithelial homeostasis in lung pathophysiology**, Invited Talk, 17ο Πανελλήνιο Συνέδριο Νοσημάτων Θώρακος, 20-23 Νοεμβρίου, 2008, Αλεξανδρούπολη, Ελλάδα.
- Chandras C. **Enhancing mouse phenotypic characterisation based on OBO ontologies**, Invited talk, Second Mouse Phenotyping Workshop, June 16-17, 2008, Manchester, UK.
- Αϊδίνης Β. **Ομοίσταση του επιθηλίου και πνευμονικές παθήσεις: Συστηματική ανάλυση της διαφορικής γονιδιακής έκφρασης πνευμονικών παθήσεων**, Invited talk, 4^η Επιστημονική Συνάντηση: «Επίκαιρα Θέματα στις Παθήσεις Καρδιάς-Πνευμόνων», 14 -5 Μαρτίου 2008, Ευγενίδιο Ίδρυμα, Athens, Greece.
- Chandras C. **WP5 – Bioinformatics core – Relational Databases (MDE)**, MUGEN 4th Annual & Review Meeting, January 28-30, 2008, Athens, Greece.
- Aidinis V. **CASIMIR WP7, Integration of Biological collections and material resources into the data network**, CASIMIR 1st Annual Meeting, November 27-28, 2007, Rome, Italy.
- Αϊδίνης Β. **Ομοίσταση του επιθηλίου και πνευμονικές παθήσεις: Συστηματική ανάλυση της διαφορικής γονιδιακής έκφρασης πνευμονικών παθήσεων**, 12^ο Διατομεακό Μεταπτυχιακό Σεμινάριο, 9 -10 Νοεμβρίου 2007, Ιωάννινα, Greece.
- Chandras C. **MMdb: A user's perspective**, CASIMIR First Networking Meeting, October 3-6, 2007, Corfu, Greece.

- Zouberakis M, **WEB Services Technology & Database Interoperability for Mouse Resources**, CASIMIR First Networking Meeting, October 3-6, 2007, Corfu, Greece.
- Aidinis V, **Molecular and genetic dissection of Chronic Inflammatory Diseases**, Invited talk, 3rd International Greek Biotechnology Forum, October 5-7, 2006, Athens, Greece.
- Aidinis V, **Expression profiling of Chronic Inflammatory Diseases**, Invited talk, 1st International MUGEN Conference: “Animal models for human immunological disease”, September 10-13, 2006, Athens, Greece.
- Aidinis V, **Soluble TNF is necessary for the development of Bleomycin – Induced Pulmonary Fibrosis**, Invited talk, 26th European Workshop for Rheumatology Research, February 23-26, 2006, Heraklion, Crete, Greece.
- Αϊδίνης Β, **Ανάλυση της διαφορικής γονιδιακής έκφρασης σε πειραματικά πρότυπα ρευματοειδούς αρθρίτιδας**, Invited talk, 6ο Πανελλήνιο Συνέδριο Ανοσολογίας, 8-11 Δεκεμβρίου 2004, Θεσσαλονίκη, Greece.
- Αϊδίνης Β, **Ανάλυση της γονιδιακής έκφρασης**, Invited talk, 1ο Συνέδριο Εταιρείας Έρευνας Βιολογίας Πεπτικού Συστήματος, 4-7 Οκτωβρίου 2004, Αθήνα, Greece.
- Αϊδίνης Β, **Μικροσυστοιχίες DNA και ανάλυση της γονιδιακής έκφρασης**, 3ο Πανελλήνιο Συνέδριο Κυτταρομετρίας, 13-16 Μαΐου 2004, Μύκονος, Greece. (Invited talk)
- Αϊδίνης Β, **Μικροσυστοιχίες γονιδίων και καρκίνος**, 2ο Ετήσιο Συνέδριο: Ανάλυση του Γενετικού Υλικού, 19-20 Δεκεμβρίου 2003, Αθήνα, Greece. (Invited talk)
- Αϊδίνης Β, **Σύγχρονες βιολογικές τεχνικές στη προσπέλαση του φαινομένου**, Invited talk, 9ο Πανελλήνιο Συνέδριο Εντατικής Θεραπείας, 17-19 Οκτωβρίου 2003, Αθήνα, Greece.
- Καραμέτου Β, Οικονόμου Ν, Κόλλιας Γ Αϊδίνης Β, **Ανακάλυψη νέων παθογονικών γονιδίων/κυτταρικών μονοπατιών σε πειραματικά πρότυπα ρευματοειδούς αρθρίτιδας, με τεχνικές ευρείας κλίμακας**, 25ο Πανελλήνιο Συνέδριο ΕΕΒΕ, 29 Μαΐου-1 Ιουνίου 2003, Μυτιλήνη, Greece.
- Aidinis V, Plows D, Haralambous S, Armaka M, Papadopoulos P, Kanaki M. Z, Koczan D, Thiesen H. J, Kollias G, **Differential gene expression analysis of an arthritic synovial fibroblast reveals its functional properties**, 1st Turkish – Greek Rheumatology Days, May 22-25, 2003, Marmaris, Turkey.

Conference Posters

- A. N. Matralis, E. Stylianaki, E. Ladopoulou, P. Kanellopoulou, D. Nastos, S. Smyrniotis, K. D. Papavasileiou, D. Merk, A. Afantitis, C. Magkrioti, V. Aidinis. **An aerosolized dual-action ATX inhibitor-PPAR γ agonist for the treatment of pulmonary fibrosis**. 74th National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB). 13-15 December 2024.
- S. Smyrniotis, P. Kanellopoulou, C. Magkrioti, V. Aidinis. **Precision-cut lung slices (PCLS) as a novel ex vivo model for pulmonary fibrosis research and drug**

- screening.** 74th National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB). 13-15 December 2024.
- M. Nikopaschou, M. Samiotaki, E. Stylianaki, V. Aidinis, A. Chroni, G. Panayotou, E. Stratikos. **ERAP1 as a regulator of the immunopeptidome, proteome and cellular homeostasis of A375 melanoma cells.** 74th National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB). 13-15 December 2024.
 - Ιωάννης Τόμος, Παρασκευή Κανελλοπούλου, Μαρία Σίρα, Ιωάννης Βαμβακάρης, Αδαμαντία Λιαπίκου, Βασίλης Αϊδίνης. **Διερεύνηση ενός πιθανού ρόλου της SFRP2 στην παθογένεια της πνευμονικής ίνωσης.** 33ο Πανελλήνιο Πνευμονολογικό Συνέδριο, 11-15 Δεκεμβρίου 2024, Αθήνα.
 - P. Kanellopoulou, I. Barbayianni, D. Fanidis, D. Nastos, A. Galaris, and V. Aidinis. **Versican expression from pulmonary fibroblasts regulates podosome formation, ECM invasion and pulmonary fibrosis.** 22nd International Colloquium on Lung and Airway Fibrosis. Athens/Greece. 12-16 October 2024.
 - Ioannis Tomos, Maria Shira, Dionisis Fanidis, Paraskevi Kanellopoulou, Vassilis Aidinis. **Unravelling the role of sFRP2 in the pathogenesis of Idiopathic Pulmonary Fibrosis.** ERS Annual Congress 2024, Vienna Eur Respir J; 64: Suppl.68
 - S. Smyrniotis, C. Magkrioti, V. Aidinis. **Versican V1 upregulation in murine hepatic fibrosis.** 73rd National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Conference Center of Eugenides Foundation, 1-3 December 2023.
 - A. Matralis, E. Stylianaki, E. Ladopoulou, C. Magkrioti, A. Afantitis, and V. Aidinis. **The discovery of novel Autotaxin inhibitors.** 73rd National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Conference Center of Eugenides Foundation, 1-3 December 2023.
 - E. Stylianaki, A. Afantitis, A. Matralis, and V. Aidinis. **Rational chemoinformatic and in vitro screening approaches revealed novel series of Autotaxin inhibitors binding to allosteric sites.** 73rd National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Conference Center of Eugenides Foundation, 1-3 December 2023.
 - P. Kanellopoulou, I. Barbayianni, D. Fanidis, and V. Aidinis. **Versican expression in lung fibroblasts controls their invasive properties and regulates pulmonary fibrosis.** 73rd National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Conference Center of Eugenides Foundation, 1-3 December 2023.
 - M. Shira, D. Fanidis, P. Kanellopoulou, and V. Aidinis. **Investigating the role of SFRP2 in the pathogenesis of Idiopathic Pulmonary Fibrosis.** 73rd National Conference of the Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Conference Center of Eugenides Foundation, 1-3 December 2023.
 - G. Antonopoulou, C. Magkrioti, V. Pliaka, T. Sakellaropoulos, D. Fanidis, L. Alexopoulos, V. Aidinis. **“LPA as a proinflammatory stimulus on renal tubular epithelial cells”.** 2021. *71ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας και Μοριακής Βιολογίας, 26-28 Νοεμβρίου, Αθήνα.*

- D. Fanidis, P. Moulos, V. Aidinis. “**Fibromine: a tool for centralized exploration and integration of pulmonary fibrosis omics data**”. 2021. 71ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας και Μοριακής Βιολογίας, 26-28 Νοεμβρίου, Αθήνα.
- E.A. Stylianaki, C. Magkrioti, E. Ladopoulou, G. Melagraki, A. Afantitis, A. Matralis, V. Aidinis. “**Biochemical characterization of novel Autotaxin inhibitors identified via a newly established drug discovery pipeline**”. 2021. 71ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας και Μοριακής Βιολογίας, 26-28 Νοεμβρίου, Αθήνα.
- K. Ntatsoulis, A. Galaris, P. Prapas, V. Aidinis. “**Autotaxin (ATX) is present on immune cell subpopulations of BALF during bleomycin-induced pulmonary fibrosis**”. 2021. 71ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας και Μοριακής Βιολογίας, 26-28 Νοεμβρίου, Αθήνα.
- A. Galaris, I. Barbayianni, K. Touloumi, V. Aidinis. “**Investigating the role of Lipocalin 2, an iron homeostasis regulator with anti-microbial action, in the pathophysiology of Pulmonary Fibrosis**”. 2019. 70ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας & Μοριακής Βιολογίας, 29 Νοεμβρίου-1 Δεκεμβρίου, Αθήνα.
- P. Kanellopoulou, I. Barbayianni, V. Aidinis. “**Investigating a possible role of versican in ECM homeostasis and the pathogenesis of Idiopathic Pulmonary Fibrosis**”, 2019. 70ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας & Μοριακής Βιολογίας, 29 Νοεμβρίου-1 Δεκεμβρίου, Αθήνα.
- I. Barbayianni, P. Kanellopoulou V. Aidinis. “**The role of ECM homeostasis and interactions in the pathogenesis of Idiopathic Pulmonary Fibrosis**”, 2019. 70ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας & Μοριακής Βιολογίας, 29 Νοεμβρίου-1 Δεκεμβρίου, Αθήνα.
- Barbayianni, I. Ninou, A. Tzouvelekis, V. Aidinis “**Bleomycin revisited: A direct comparison of the intratracheal micro-spraying and the oropharyngeal aspiration routes of bleomycin administration in mice**”. 2018. *INFRAFRONTIER / IMPC Stakeholder Meeting*, 3-4 Δεκεμβρίου, Μόναχο
- Barbayianni, I. Ninou, A. Tzouvelekis, V. Aidinis. “**Bleomycin revisited: A direct comparison of the intratracheal micro-spraying and the oropharyngeal aspiration routes of bleomycin administration in mice**”. 2018. 69ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας & Μοριακής Βιολογίας, 23-25 Νοεμβρίου, Λάρισα.
- Galaris, I. Barbayianni, K. Touloumi, V. Aidinis. “**Lipocalin 2 (Lcn2) is upregulated in Bleomycin-induced Pulmonary Fibrosis in mice**”. 2018. 69ο Πανελλήνιο Συνέδριο Ελληνικής Εταιρείας Βιοχημείας & Μοριακής Βιολογίας, 23-25 Νοεμβρίου, Λάρισα.
- V. Tzilias, A. Tzouvelekis, E. Bouros, T. Karampitsakos, S. Kourtidou, I. Barbayianni, I. Ninou, V. Aidinis, D. Bouros. “**Vitamin D predicts disease progression in patients with pulmonary fibrosis and blunts in-vitro fibrotic responses**”. *European Respiratory Journal* 2018, 52 (suppl 62).
- Tzouvelekis, N. Xylourgidis, K. Min, T. Karampitsakos, I. Ninou, I. Barbayianni, A. Bennett, V. Aidinis, N. Kaminski. “**MKP-5 inhibition blunts fibrotic responses in-vitro and in-vivo through negative regulation of TGFB1-induced smad3-signalling**”. *European Respiratory Journal* 2018, 52 (suppl 62).

- Ninou, I. Barbayianni, E. Kaffe, V. Aidinis. “**The ATX/LPA axis as a promising therapeutic target in pulmonary fibrosis**”. 2018. *Bioactive lipids conference, 29-31 March, Athens, Greece*
- Ninou, M. Kokotou, V. Magrioti, G. Kokotos, V. Aidinis. “**Pharmacological inhibition of PLA₂s attenuates bleomycin-induced pulmonary fibrosis**”. 2018. *Bioactive lipids conference, 29-31 March, Athens, Greece*
- N. Manitsopoulos, V. Aidinis, K. Perreas, S. Orfanos, A. Kotanidou. “**The effects of tpl2 inhibition in Ventilator-induced lung injury**”. *European Respiratory Journal 2017, 50 (suppl 61)*.
- Tzouvelekis A, Yu G, Herazo-Maya J, Woolard T, Zhang Y, Lee H, Lee P, Herzog E, Bennett A, Aidinis A, Kaminski N. **SH2 domain-containing phosphatase-SHP-2 is a novel anti-fibrotic regulator in pulmonary fibrosis**. *European Respiratory Journal, 2016, 48 (suppl 60)*.
- Barbayanni I, Xylourgidis N., Kaffe E., and Aidinis V. “**Exploring the possible role of epigenetics modifications in the pathogenesis of pulmonary fibrosis**”. 2016. *4th Annual COST meeting on “Early origins of chronic lung disease”, November 3-4, Athens, Greece*.
- Magkrioti C., Oikonomou N., Xylourgidis N., Mouratis MA., Kaffe E., Stathopoulos, G., and Aidinis V. “**Autotaxin is a novel player in lung cancer**”. 2016. *4th Annual COST meeting on “Early origins of chronic lung disease”, November 3-4, Athens, Greece*
- P.Subramanian, N. Techritz, M. Prucnal, V. Aidinis, T.Chavakis. «**Cell type-specific role of ATX in nonalcoholic steatohepatitis (NASH)**». 2016. *13th International Conference on Innate Immunity, June 23-28, Rhodes, Greece*.
- N. Manitsopoulos, A. Kotanidou, C. Magkou, I. Ninou, X. Tian, V. Aidinis, R. Schermuly, S. Orfanos. “**Treprostinil administration attenuates bleomycin-induced lung fibrosis in mice**”. *European Respiratory Journal 2015, 46 (suppl 59)*.
- Magkrioti C., Oikonomou N., Mouratis M., Valavanis C., Stathopoulos G.T., Syrigos K., Aidinis V. (2015). “**Autotaxin as a novel player in lung cancer**”. *Cell Symposia: Cancer, Inflammation and Immunity. June 14-16, 2015 – Sitges, Spain*.
- S. Vassiliou, E. Barbayianni, A. Kyritsi, A. Nikolaou, M. Kokotou, E. Kaffe, V. Aidinis, G. Kokotos “**Long chain amides as autotaxin inhibitors**”, *6th International Conference on Phospholipase A2 and Lipid Mediators, Tokyo, Japan, 10-12 February 2015*.
- Nikolaou, E. Kaffe, M. Kokotou, V. Magrioti, V. Aidinis, G. Kokotos “**Synthesis of hydroxamates based on 4-aminophenylacetic acid and their activity against autotaxin**”, *IXth Joint Meeting in Medicinal Chemistry, Athens, Greece, 7-10 June 2015*.
- Zamboulis, A. Nikolaou, E. Kaffe, V. Aidinis, G. Kokotos “**Synthesis of benzamides and study of their inhibitory activity against autotaxin**”, *IXth Joint Meeting in Medicinal Chemistry, Athens, Greece, 7-10 June 2015*.
- T. D. Gerokonstantis, P. Moutevelis-Minakakis, A. Nikolaou, E. Kaffe, V. Aidinis, G. Kokotos “**Synthesis of new amide derivatives of (S)-pyroglutamic acid as potential autotaxin inhibitors**”, *IXth Joint Meeting in Medicinal Chemistry, Athens, Greece, 7-10 June 2015*.
- S. Vassiliou, A. Kyritsi, A. Nikolaou, M. Kokotou, E. Kaffe, E. Barbayianni, V. Aidinis, G. Kokotos “**Phosphinic acid derivatives as autotaxin inhibitors**”, *IXth Joint Meeting in Medicinal Chemistry, Athens, Greece, 7-10 June 2015*.

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- Nikolaou, E. Kaffe, M. Kokotou, V. Magrioti, V. Aidinis and G. Kokotos “**Novel hydroxamates based on glutamic acid and their activity against autotaxin**”, *Challenges in Chemical Biology, ISACS 16, Zurich, Switzerland, 15-18 June 2015*.
- Dioletis E., Aidinis V. (2015). “**Generation of an LPAR1 conditional knockout mouse**”. *66th congress of the Hellenic Society of Biochemistry and Molecular Biology. Dec. 11-13, Athens, Greece*
- Katsifa A., Kaffe E., Nikolaidou-Katsaridou N., Economides A.N., Newbigging S., McKerlie C., Aidinis V. (2015). “**The Bulk of Autotaxin Activity Is Dispensable for Adult Mouse Life**”. *66th congress of the Hellenic Society of Biochemistry and Molecular Biology. Dec. 11-13, Athens, Greece*
- Ninou I., Sevastou I., Dennis M., Aidinis V. (2015). “**The role of ATX in the pathophysiology of Multiple sclerosis**”. *66th congress of the Hellenic Society of Biochemistry and Molecular Biology. Dec. 11-13, Athens, Greece*
- Tzilas V., Bouros E, Furla D, Zisimopoulos A, Papadopoulos N, Koliakos G, Kolios G, Pneumatikos I, Aidinis V, Tzouveleakis A, Bouros D. **Prospective phase 1 open clinical trial to study the safety of adipose derived mesenchymal stem cells (ADMSCs) in COPD and combined pulmonary fibrosis and emphysema (CPFE)**. *European Respiratory Journal 2015, 46 (suppl 59)*.
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