

## BIOGRAPHY

NAME : OLGA

SURNAME: PAGONOPOULOU

PLACE OF BIRTH : ATHENS

MARITAL STATUS: Married, two children

e-mail :opagonop@med.duth.gr

AFFILIATION: Laboratory of Neurophysiology, Medical Department, Democritus University of Thrace, Dragana, Alexandroupolis

TEL. 25510 30525

## EDUCATION:

1987 : BSc in Biology, School of Sciences, University of Patras

1995: PhD Thesis in the field of "NEUROPHYSIOLOGY" with "Excellent" from the Medical Department of the University of Patras on "Study of the adenosinergic system in the human brain and laboratory animals in normal situations and in the pathophysiology of epilepsy" at the Laboratory of Physiology, Medical Department of the University of Patras

10 JULY – 10 AUGUST 2008: MARSEILLE, FRANCE, UNIVERSITE PAUL CEZANNE:  
Application stereotaxis techniques for causing damage to brain areas of rats in order to investigate parameters related to neurodegenerative diseases (Postgraduate leave)

APRIL-JULY 2018: LABORATORY OF PHYSIOLOGY, MEDICAL DEPARTMENT OF THE UNIVERSITY OF PATRAS, Training and participation in behavioral study experiments in laboratory animals (rats) based on various protocols for the control of anxiety, fear, etc. after handling maternal deprivation [open field, novel object recognition tests, etc.] and checking the results with special video analysis programs and with autoradiography techniques (in the context of educational leave).

## ACADEMIC DEVELOPMENT

2004-2010: Lecturer, in the field of PHYSIOLOGY, Lab. Department of Physiology, Medical Department, Democritus University of Thrace

2010-2013: Assistant Professor, in the field of PHYSIOLOGY, Lab. Department of Physiology, Medical Department, Democritus University of Thrace

2013-2014: Permanent Assistant Professor, in the field of PHYSIOLOGY, Lab. Physiology, Medical Department, Democritus University of Thrace

2015-2023: Associate Professor, in the field of PHYSIOLOGY, Lab. Department of Physiology, Medical Department, Democritus University of Thrace

2024- present: Professor, in the field of PHYSIOLOGY, Lab. Department of Physiology, Medical Department, Democritus University of Thrace

2023-: Director of the Neurophysiology Laboratory, Medical Department, Democritus University of Thrace

### **TEACHING ACTIVITY:**

2004-today: Lectures from the amphitheater and conducting laboratory exercises in the context of the courses PHYSIOLOGY I, PHYSIOLOGY II and PHYSIOLOGY III to the first and second year students of the Medical Department of the Democritus University of Thrace.

From 2016-today: Elective course "PHYSIOLOGY OF NEUROSCIENCE" to third-year medical students of the Democritus University of Thrace

### **POSTGRADUATE PROGRAMS**

2016-present: JPSP of the Medical Department of the Democritus University of Thrace "Biomedical and Molecular Sciences in the diagnosis and treatment of diseases"

2017-2019: MSc "Biomedical Sciences – Neurosciences" Medical Department, University of Patras

2015-today: Master's Program "Clinical Pharmacology and Therapeutics", Medical Department, Democritus University of Thrace

2019-2020: MSc "Medical Imaging in Ophthalmology", Medical Department of the Democritus University of Thrace,

2021: MSc "Sleep Medicine", Medical Department of the Democritus University of Thrace

2010-2011, 2011-2012, 2012-2013, 2013-2014: Lectures on "Impacts of air pollution on health" in the framework of the postgraduate program "Sustainable Production Systems and Environment in Agriculture" of the Department of Rural Development, Democritus University of Thrace.

2014-today: Independent Teaching of the Course "Special Issues of Nutrition and Health" in the first semester of the Postgraduate Program "Sustainable Production Systems and Environment in Agriculture" of the Department of Rural Development, Democritus University of Thrace (Specialization of Biotechnology and Food Hygiene)

EDUCATIONAL WORK DOCTORAL DISSERTATIONS - SUPERVISION AND MEMBER OF A THREE-MEMBER ADVISORY AND SEVEN-MEMBER EXAMINATION COMMITTEE: 23

POSTGRADUATE THESES: SUPERVISION AND MEMBER OF A THREE-MEMBER EXAMINATION COMMITTEE: 30

SUPERVISION OF THESES OF THE DEPARTMENT OF MOLECULAR BIOLOGY & GENETICS, DEMOCRITUS UNIVERSITY OF THRACE

CLINICAL WORK 2009-2011: Provision of Clinical work within the framework of the Laboratory of Reproductive Physiology located at the General Hospital of Athens.

ADMINISTRATIVE WORK – COORDINATION/PARTICIPATION IN COMMITTEES (SELECTED)

- Director of the Neurophysiology Laboratory, Functional Clinical-Laboratory Sector, Department of Medicine of the Democritus University of Thrace
- Coordinator of the International Relations and Erasmus Committee of the Department of Medicine (since 2021-present)

- Member of the Erasmus Committee, Department of Medicine (2019-2021)

**PARTICIPATION IN ELECTORAL COMMITTEES OF DEMOCRITUS UNIVERSITY OF THRACE AND OTHER GREEK UNIVERSITIES:** Participation to 37 electoral bodies to date for the election or promotion of members of the Board of Directors. Democritus University of Thrace and Greek Universities.

**ORGANIZATION OF SCIENTIFIC MEETINGS – MEMBER OF THE SCIENTIFIC COMMITTEE OF CONFERENCES:** 6

**REVIEWER IN INTERNATIONAL SCIENTIFIC JOURNALS :** Journal of Clinical Medicine (i.f. 4.96) Acta Physiologica (i.f. 7.52) Journal of Molecular Sciences (i.f. 6.2) Brain Sciences (i.f. 3.33) Antioxidants (i.f. 7.67) Foods (i.f. 5.56) Nutrients (i.f. 6.7) Biomolecules (i.f. 6.06) International Journal of Environmental Research and Public Health (i.f. 4.61) Symmetry (i.f. 2.7) Healthcare (i.f. 2.01) Biomaterials (i.f. 12.47) European Journal of Medicinal Plants (i.f. 2) Journal of Clinical Medicine (i.f. 4.96) Anaerobe (i.f. 2.3) Water, Soil and Air Pollution (i.f. 2.98)

**MEMBER OF SCIENTIFIC SOCIETIES**

- Hellenic Society for Neurosciences since 1989 – Member of the Board of Directors of the Society for the two years 2014-2015)
- Hellenic Society of Physiology (founding member and Secretary of the interim Board of Directors)
- Federation of the European Neuroscience Societies (FENS)
- International Brain Research Organization (IBRO)

**SOCIAL WORK**

Presentation of Physiology topics to primary school students

Informing Lyceum students about the teaching and research activities of the Laboratory during their visits to the Department's premises

**RESEARCH ACTIVITY**

**A. HEAD AND MEMBER OF A RESEARCH TEAM IN RESEARCH PROGRAMS:** 8

**B. RESEARCH INTERESTS - COLLABORATIONS**

During the preparation of my PhD Thesis on "Study of the adenoseric system in the human and experimental animal brain in normal conditions and in the pathophysiology of epilepsy", at the Laboratory of Physiology, Medical Department, University of Patras, I applied methods of classical chemistry, processing of biological membranes and special binding with radioactive labeled molecules to identify neurotransmitter receptors in the brain of experimental animals and humans. I also used image analysis systems to measure the specific binding of radioactive substances. In the context of research concerning essential oils in nutrition, I participated as a researcher in funded research Programs of the Department of Molecular Biology and Genetics and Agricultural Development of the Democritus University of Thrace to investigate the possibility of using essential oils and other natural additives (beta-glucans) for the development of biofunctional foods (antioxidant activity control, results of administration of the food to

laboratory animals, etc.). At the same time and following my involvement in the study of diseases of the nervous system and specifically epilepsy, my effort in recent years, in an environment where research to find more "natural" drugs is ongoing, concerns the study of the effect of essential oils on the quality of seizures in epileptic models of experimental animals with corresponding publications. Since my appointment as Director of the Neurophysiology Laboratory of the Medical Department of the Democritus University of Thrace, I continue within the framework of the laboratory my research activity concerning issues related to the study of the physiology of the nervous system and neurodegenerative diseases and the study of the action of natural factors such as essential oils in their prevention and possible treatment, submitting research programs (HFRI) in order to strengthen the equipment and the research activity of the Laboratory. Since my appointment at the Democritus University of Thrace in 2004 I have participated in research protocols of the Laboratory of Physiology and other Laboratories of IT such as the Laboratory of Histology-Embryology, Laboratory of Genetics, Laboratory of Medical Physics, Surgery Clinic. As Scientific Coordinator, I collaborated with the Agricultural University of Athens in a research project on the effect of maternal nutrition on the productivity, physiology and behavior of offspring using rabbits as laboratory animals.

C. REVIEW OF RESEARCH PROGRAMS CURE (Citizens United for Research in Epilepsy), USA, scientific reviewer (by invitation)

Member of the Register of Certified Assessors of GSRT since 2019

#### PUBLICATIONS

A. MONOGRAPHS: "Study of the adenosynergic system in the brain of humans and experimental animals in normal conditions and against old age", DOCTORAL DISSERTATION, Patras 1995.

#### B. EDITING-TRANSLATION OF FOREIGN LANGUAGE EDUCATIONAL TEXTBOOKS

2012: Translation and editing of the foreign language book "ELSEVIER'S INTEGRATED PHYSIOLOGY", by R.G. Carroll (Elsevier's Integrated Series). Greek edition: "Elsevier's Synoptic Physiology", ROTONDA Publications, ISBN978-960-6894-33-6.

2014: Translation of chapters from the book: "GANONG'S REVIEW OF MEDICAL PHYSIOLOGY", by Barrett, Barman, Boitano & Brooks [Broken Hill Publishers LTD]

2023: Translation and editing of the chapters: "Brain activity situations – Sleep, brain waves, epilepsy and psychoses" and "The autonomic nervous system and the medullary part of the adrenal glands" in the book "GUYTON & HALL, MEDICAL PHYSIOLOGY", 14TH EDITION, PARIS O.E. SCIENTIFIC PUBLICATIONS. C.

#### SELECTED PUBLICATIONS IN INTERNATIONAL AND GREEK JOURNALS

**Alterations in A1 adenosine receptors in different mouse brain areas after pentylentetrazol-induced seizures, but not in the epileptic mutant mouse "tottering".**

F. Angelatou, O. Pagonopoulou and G. Kostopoulos  
*Brain Research*, 1990, 534:251-256. [i.f. 2.9, citations : 56]

**Changes in seizure latency correlate with alterations in A1 adenosine receptor binding during daily repeated PTZ-induced convulsions in different mouse brain areas.**

F. Angelatou, O. Pagonopoulou and G. Kostopoulos  
*Neuroscience Letters*, 1991, 132: 203-206. [i.f. 2.5, citations 37]

**Reduction of A1 adenosine receptors in cortex, hippocampus and cerebellum in ageing mouse brain.**

O. Pagonopoulou & F. Angelatou  
*Neuroreport*, 1992, 3: 735-737 [i.f. 1.7, citations: 64]

**Effect of PTZ-induced seizures on A1 adenosine receptor regional density in the mouse brain: A quantitative autoradiographic study.**

O. Pagonopoulou, F. Angelatou and G. Kostopoulos  
*Neuroscience*, 1993, 56(3): 711-716. [i.f. 3.3, citations: 64]

**Upregulation of A1 adenosine receptors in human temporal lobe epilepsy: A quantitative autoradiographic study.**

F. Angelatou, O. Pagonopoulou, T. Maraziotis, A. Olivier, J-G Villemeure, M. Avoli and G. Kostopoulos.  
*Neuroscience Letters*, 1993, 163: 11-14. [i.f. 2.5, citations : 80]

**Time development and regional distribution of [<sup>3</sup>H] nitrobenzylthioinosine adenosine uptake site binding in the mouse brain after acute pentylentetrazol-induced seizures.**

Pagonopoulou O. and Angelatou F.  
*J. Neuroscience Research*, 1998, 53(4) 433-42 [i.f. 4.2, citations: 37]

**Age-dependent changes in adenosine A1 receptor and uptake site binding in the mouse brain: An autoradiographic study**

A Ekonomou, O Pagonopoulou, F Angelatou  
*Journal of neuroscience research*, 2000 60 (2), 257-265 [i.f 4.2, citations: 42]

**Prevalence and sensitivity to antibiotics of Enterobacteriaceae isolated from urinary cultures in some microbiology laboratories of a city in West Greece.**

M. Papapetropoulou, O. Pagonopoulou and E. Kouskouni.  
*Pathologie Biologie*, 1997, 45(9): 716-20. [i.f. 1.787, citations : 13]

**Modulatory role of adenosine and its receptors in epilepsy: Possible therapeutic approaches. Review article.**

O. Pagonopoulou, A. Efthimiadou, B. Asimakopoulos, N.K. Nikolettos  
*Neuroscience Research*, 2006, 56: 14-20. [i.f. : 2.9 – citations: 60]

**The Role of basic- Fibroblast Growth Factor (b-FGF) in cyclosporine-induced nephrotoxicity.**

A.Efthimiadou, M. Lambropoulou, O. Pagonopoulou, I. Vakalopoulos, N. Papadopoulos, N. Nikolettos  
*In vivo*, 2006, 20: 265-270 [ i.f. 2.4, citations: 6]

**Erythropoietin enhances angiogenesis in an experimental cyclosporine-A induced nephrotoxicity model in the rat.**

A.Efthimiadou, O. Pagonopoulou, M. Lambropoulou, N. Papadopoulos, N.K. Nikolettos.  
*Clinical and Experimental Pharmacology and Physiology*, 2007, 34: 866-869. [i.f. 2.96, citations: 23]

**Ghrelin in pathological conditions. Review article.**

S. Katargari, A. Miloussis, O. Pagonopoulou, B. Asimakopoulos and N.K. Nikolettos.  
*Endocrine Journal*, 2008, 55(3): 439-453. [i.f. 2,8, citations: 54]

**Erythropoietin and growth factors exhibit differential angiogenic potential in mouse heart.**

O. Pagonopoulou, A. Efthimiadou, M. Lambropoulou, N. Papadopoulos and N.K. Nikolettos  
*In Vivo*, 2008, 22: 587-592. [i.f. 2.4, citations:21]

**Essential oils and neurodegenerative diseases: current data and future perspectives.**

Olga Pagonopoulou, Eleni Koutroumanidou, Konstantinos Charalabopoulos  
*Current Topics in Neutraceutical Research*, 10(2): 123-132, 2012 [impact factor: 0.48. citations:5]

**Increased Seizure Latency and decreased Severity of Pentylentetrazol-induced induced seizures in mice after essential oil administration**

E. Koutroumanidou, A. Kimbaris, A. Kortsaris, E. Bezirtzoglou, K. Charalabopoulos and O. Pagonopoulou  
**Epilepsy Research and Treatment**, 2013;2013:532657. doi: 10.1155/2013/532657. Epub 2013 Jun 2.  
(i.f.: 2.99, citations: 69)

**A study on the age dependency of gustatory states: Low-frequency pectral component in the resting state MEG in female healthy volunteers**

T. Gemousakakis, P. Anninos, A. Zissimopoulos, I. Seimenis, A. Adamopoulos, O. Pagonopoulou, P. Prassopoulos, A. Kotini  
*Journal of Integrative Neuroscience*, 12(4), 427-439, 2013 [impact factor 1.664, citations:13]

**Combination of very low energy diets and pharmacotherapy in the treatment of obesity: a meta-analysis of published data.**

Koutroumanidou E. and Pagonopoulou O.  
*Diabetes Metab Res Rev*. 2014 Mar;30(3):165-74. doi: 10.1002/dmrr.2475 (i.f.: 8.128, citations: 16)

**Impact of chorioamnionitis on the development of human fetal lung: an immunohistochemical study.**  
Boglou P, Deftereou TH-E, Lambropoulou M, Katotomichelakis M, Lambropoulou V, Pagonopoulou O, Chatzipantelis P, Gkantsinikoudis N, Papadopoulos N, Dimitriou TH. *Clin Exp Obstet Gynecol*. 2014. (IF: 0,38)

**Effect of gestational Maternal undernutrition on growth, carcass composition and meat quality of rabbit offspring**

G. K. Symeon, M. Goliomytis, I. Bizelis, G. Papadomichelakis, O. Pagonopoulou, S. G. Deligeorgis and S. E. Chadio, *PLoS One*. 2015 Feb 11;10(2):e0118259. [i.f.3.7, citations: 26]

**Regenerated Nerve Defects with a Nerve Conduit Containing Dental Pulp Stem Cells in Pigs: An Immunohistochemical and Electrophysiological Evaluation.** Spyridopoulos T, Lambropoulou M, **Pagonopoulou O**, Birbilis T, Tsaroucha AK, Kouzi-Koliakou K, Botaitis S, Deftereou TE, Gaitanidis A, Pitiakoudis M, *J Reconstr Microsurg*. 2015 Sep;31(7):516-26. doi: 10.1055/s-0035-1555751. Epub 2015 Jun 30 [i.f: 2.33, citations: 14]

**Intravenous Heroin Abuse and Acute Myocardial Infarction: Forensic Study.**

Pavlidis P, Deftereou TE, Karakasi MV, Papadopoulos N, Zissimopoulos A, Pagonopoulou O, Lambropoulou M. *Am J Forensic Med Pathol*. 2016 Jun;37(2):95-8. doi: 10.1097/PAF.0000000000000224 [i.f: 5.77, citations: 8]

**Mycoplasma hominis Infection in Spontaneous Abortions in Thrace Population:**

**Detection by PCR**

Iliopoulou S, Pagonopoulou O, Tsigalou C, Deftereou TE, Koutlaki N, Tsikouras P, Papadatou V, Tologkos S, Alexiadis T, Alexopoulou SP and Lambropoulou M, *Human Genet Embryol* 2017, 7:3 [i.f.: 2, citations: 3]

**Effect of prenatal overfeeding on the growth performance and postweaning behavioral parameters in rabbits**, Simitzis, Panagiotis, Kiriakopoulos, Athanasios, Symeon, George, Goliomytis, Michael, Kominakis, Antonis, Bizelis, Iosif, Chadio, Stella, Pagonopoulou, Olga, Deligeorgis, Stelios, *Journal of Veterinary Behavior Clinical Applications and Research* , 33, 38-45, 2019 [i.f. 1.8, citations: 3]

**Possible involvement of endocannabinoid receptor CB1 expression in the pathogenesis of preeclampsia: immunohistochemical study**

Maria Lambropoulou Eleni Karantzali, Vasiliki Papadatou, Maria Simopoulou, Stylianos Tologkos, Theodora-Eleftheria Deftereou, Triantafyllos Alexiadis, Sofia-Panagiota Alexopoulou, Ioannis Koukourakis<sup>1</sup>, Grigorios Tripsianis<sup>3</sup>, Sultana Meditskou and Olga Pagonopoulou, *Virchows Arch.* 2019 Sep;475(Suppl 1):1-436 [i.f.: 3.5]

**Combined Action of Piperitenone Epoxide and Antibiotics Against Clinical Isolates of *Staphylococcus aureus* and *Escherichia coli*** Athanasios Alexopoulos \*, Athanasios C. Kimbaris , Stavros Plessas , Ioanna Mantzourani , Chrysa Voidarou , Olga Pagonopoulou , Christina Tsigalou , Maria Fournomiti , Christos

Bontsidis , Elisavet Stavropoulou , Virginia Papaemmanouil and Eugenia Bezirtzoglou , *Frontiers in Microbiology*, Vol 10, November 2019, 10:2607 [6.02, citations: 8]

**Parvovirus B19 as a foetal pathogen: correlation with apoptosis and inflammation mechanisms.**

M Lambropoulou, S Tologkos, V Papadatou, T Deftereou, C Alexiadi, M Simopoulou, S Farsaraki, X Anthoulaki, V Balomenos, P Dimitrova, G Malliou, O Pagonopoulou, 2020, *VIRCHOWS ARCHIV* 477, S353-S353 [i.f: 3.5]

**Investigation of the involvement of inflammation and apoptosis in foetal pathogenesis due to EBV infection**

M Lambropoulou, V Papadatou, S Tologkos, T Deftereou, G Malliou, T Alexiadis, K Georgiadi, X Anthoulaki, S Farsaraki, T Hadjineophytou, M Simopoulou, O Pagonopoulou, 2020, *VIRCHOWS ARCHIV* 477, S353-S353 [[i.f: 3.5]

**Immunohistochemical study of the anti-inflammatory activity of apigenin in experimental model of acute pancreatitis**

Lambropoulou, M., Basios, N., Papadatou, V., Tologkos, S., Alexiadi, C., Alexopoulou, S., Alexiadis, T., Tschrintzis, C., Pagonopoulou, O., Tripsianis, G. and Tsaroucha, A., 2021, August.. In *VIRCHOWS ARCHIV* (Vol. 479, pp. S296-S297). [i.f: 3.5]

**Role of leptin, adiponectin, and kisspeptin in polycystic ovarian syndrome pathogenesis.**

Konstantinos Nikolettos, Nikos Nikolettos, Nikolaos Vlahos, Olga Pagonopoulou, Byron Asimakopoulos, *Minerva Obstetrics and Gynecology*. 2023 Oct., 75(5):460-467 [i.f.0.51]

**Immunohistochemical expression of NLRP3 inflammasome in endometrial carcinoma.**

Lambropoulou, M., Papadatou, V., Pappa, E., Tologkos, S., Deftereou, T., Alexiadi, C., Lampropoulou, V., Karatza, A., Chatzineophytou, T., Tripsianis, G. and Pagonopoulou, O., 2022,

September. In *VIRCHOWS ARCHIV* (Vol. 481, No. SUPPL 1, pp. S107-S107). ONE NEW YORK PLAZA, SUITE 4600, NEW YORK, NY, UNITED STATES: SPRINGER. [i.f.3.5]

**Evaluation of NLRP3 immunohistochemical levels in breast cancer,**

M Lambropoulou, V Papadatou, A Karatza, S Tologkos, T Deftereou, V Lampropoulou, T Alexiadis, I Olbasalis, C Alexiadi, T Chatzineophytou, G Tripsianis, O Pagonopoulou, In *VIRCHOWS ARCHIV* (Vol. 481, No. SUPPL 1, pp.

S61-S61)[i.f.: 3.5]

**Is There an Association Between Circulating Kisspeptin Levels and Ovarian Reserve in Women of Reproductive Age?**

K.Nikolettos, N. Vlahos, O. Pagonopoulou, N. Nikolettos, K. Zikopoulos, P.

Tsikouras, E. Kontomanolis, C. Damaskos, N. Garmpis, B. Asimakopoulos  
, *In Vivo Sep* 2023, 37 (5) 2219-2223 [i.f. 2.3]

**Viral-induced inflammation can lead to adverse pregnancy outcomes.**

Papadatou V, Tologkos S, Deftereou T, Alexiadis T, Pagonopoulou O, Alexiadi C-A, Bakatselou P, Oglou STC, Tripsianis G, Mitrakas A, Lambropoulou M (2023). *Folia Medica* 65(5): 744-752., [i.f.: 0.56]

**Μέθοδοι χαρτογράφησης του Εγκεφάλου-Εκτενής βιβλιογραφική ανασκόπηση και σύγχρονες προσεγγίσεις.** Θεόδωρος Πάνου, Δημήτριος Τσίπτσιος, Κωνσταντίνος Βαδικόλιας<sup>1</sup>, Ιωάννης Ηλιόπουλος, Όλγα Παγωνοπούλου, *Αρχεία Κλινικής Νευρολογίας*, 2023, 32(5): 31-47.

**Chronic administration of rHuEPO induces angiogenesis in healthy mouse brain.**

Olga Pagonopoulou, Vasiliki Papadatou, Stylianos Tologkos, Maria Lambropoulou, Anna Efthimiadou, *Cureus*, 2024 Sep 1;16(9):e68362. [i.f. 1.2]

**Protective effect of aromatic plant essential oil administration on brain tissue of PTZ treated and non-treated mice.**

Olga Pagonopoulou \*, Eleni Koutroumanidou, Achilleas G. Mitrakas, Aglaia Pappa, Georgia-Persephoni Voulgaridou, Despoina Vasiloudi, Sofia-Panagiota Alexopoulou, Triantafyllos Alexiadis, Maria Lambropoulou , “, *International Journal of Molecular Science Research*, special issue “Bioactive compounds in human brain structures and diseases” (2<sup>nd</sup> edition), 2025 Oct 2;26(19):9618 [i.f. 4.9]

**Chromosomal Roadblocks in Male Fertility: Mechanisms, Risk factors and Syndromes.**

Achilleas G. Mitrakas \*, Christina-Angelika Alexiadi, Sofia Gargani, Triantafyllos Alexiadis, Sofia-Panagiota Alexopoulou, Olga Pagonopoulou, Maria Lambropoulou, “”, *Medicina*, 2025, , 61, 1864. [i.f. 2.4]