

ΠΡΟΓΡΑΜΜΑ 16^η ΗΜΕΡΙΔΑ ΕΕΦ

9.00-09.30 Εγγραφές

09.30-11.00 ΣΥΝΕΔΡΙΑ 1η

Προεδρείο: Α. Γούλας, Α. Παπαετρόπουλος

ΔΙΑΛΕΞΗ 09.30-10.00

Γιώργος Διαπάκης

Ανάπτυξη φαρμάκων που στοχεύουν σε GPCRs

OM1. 10.00-10.10

Tzini Dimitra¹, Lema Evaggelia¹, Pratos Theofanis², Korsketidis Christos¹, Koukovini Tatiana³, Paliagka Aikaterini³, Asproini Evaggelia¹, Hatziefthimiou Apostolia², Asproini Eftihia¹, Psarropoulou Caterina³, Vasilaki Anna¹

Prenatal alcohol exposure and epileptogenesis in the rat hippocampus

¹Laboratory of Pharmacology and ²Laboratory of Physiology Faculty of Medicine, University of Thessaly, ³Laboratory of Physiology, Department of Biological Applications & Technologies, University of Ioannina, Greece

OM2. 10.10-10.20

Pavlina Pavlidi¹, Athina Kamitsou¹, Anastasia Rapti¹, Lida-Eleni Serveta¹, Maria Sageorgi¹, Alexia Polissidis^{2,3}, Ioannis Sotiropoulos⁴, Anthony Tsarbopoulos¹, Katerina Antoniou⁵, Nikolaos Kokras^{1,6} and Christina Dalla¹

Exploring the role of GPER1 as a therapeutic target for Mood Disorders: sex-specific effects of pharmacological manipulations on behavioral and neurochemical effects in rats

¹Department of Pharmacology, School of Medicine, National and Kapodistrian University of Athens, Greece, ²Center for Clinical, Experimental Surgery and Translational Research, Biomedical Research Foundation, Athens, Greece, ³American College of Greece, ⁴Institute of Biosciences & Applications NCSR "Demokritos", Athens, Greece, ⁵Department of Pharmacology, School of Medicine, University of Ioannina, Greece, ⁶First Department of Psychiatry, Eginition Hospital, School of Medicine, National and Kapodistrian University of Athens, Greece

OM3. 10.20-10.30

Lamprini Katsanou, Evangelia Fragkiadaki, Sotirios Kampouris, Anastasia Konstanta, Aikaterini Vontzou, Nikolaos Pitsikas

The nitric oxide (NO) donor molsidomine counteract social withdrawal and cognition deficits induced by blockade of the NMDA receptor in the rat

Department of Pharmacology, School of Medicine, Faculty of Health Sciences, University of Thessaly, Larissa, Greece

OM4. 10.30-10.40

Vlachou Stella, Tzara Ariadni and Kourounakis Angeliki

NOVEL SUBSTITUTED BENZOXAZINE DERIVATIVES WITH POTENT ANTIHYPERLIPIDEMIC/ANTIOXIDANT ACTIVITY AS ANTIATHEROSCLEROSIS AGENTS

Department of Medicinal Chemistry, School of Pharmacy, National and Kapodistrian University of Athens

OM5. 10.40-10.50

Χ. Μαρκάτος¹, Γ. Μπινιάρη², Μ. Βενυχάκη³, Θ. Τσέλιος², Γ. Λιαπάκης¹

ΤΟ ΣΥΜΠΛΟΚΟ ΜΙΤΟΞΑΝΔΡΟΝΗΣ-GnRH ΑΝΑΛΟΓΟΥ, ΜΕ ΟΝΟΜΑΣΙΑ Con3, ΕΧΕΙ ΑΝΤΙΝΕΟΠΛΑΣΜΑΤΙΚΕΣ ΔΡΑΣΕΙΣ

1Τμήμα Φαρμακολογίας, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο, 2Τμήμα Χημείας, Πανεπιστήμιο Πατρών, Πάτρα, 3Τμήμα Κλινικής Χημείας, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο

OM6. 10.50-11.00

C. Ntenti¹, E. Papakonstantinou¹, L. Grize², M. Tamm², D. Stolz³, A. Goulas⁴

Iron responsive element binding protein 2 (IREB2) gene polymorphisms are associated with lung function and cough in patients with COPD

¹1st Laboratory of Pharmacology, Department of Medicine, Aristotle University of Thessaloniki, Greece; Clinic of Respiratory Medicine, University of Freiburg, Germany; Faculty of Medicine, University of Freiburg, Germany; Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland, ²Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland, ³Clinic of Respiratory Medicine, University of Freiburg, Germany; Faculty of Medicine, University of Freiburg, Germany; Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland ⁴1st Laboratory of Pharmacology, Department of Medicine, Aristotle University of Thessaloniki, Greece; Clinical Research Unit, Special Unit for Biomedical Research and Education, School of Medicine, Aristotle University of Thessaloniki, 56429 Thessaloniki, Greece

11.00-12.00 Διάλειμμα – Posters (1^η Συνεδρία)

12.00-12.40

Τιμητική Εκδήλωση

Προεδρείο Ι. Ανδρεάδου, Ε. Παπαδημητρίου

Γιώργος Καρακιουλάκης

Απόψεις για την αξιολόγηση της διδασκαλίας και έρευνας στο Πανεπιστήμιο

12.40-13.50 Γεύμα-Posters (2^η Συνεδρία)

13.50-15.20 2^η ΣΥΝΕΔΡΙΑ

Προεδρείο: Ε. Μανωλόπουλος, Κ. Ταμβακόπουλος

ΔΙΑΔΕΞΗ 13.50-14.20

Ευαγγελία Παπαδημητρίου

New insights on Protein Tyrosine Phosphatase Receptor Zeta 1 as a potential target in angiogenesis, and in cancer therapy and diagnosis

OM7. 14.20-14.30

Nikolaos Paschalidis¹, Alexandra Lampropoulou², Kosta Steliou³, Constantin Tamvakopoulos²

Development of single cell proteomic analysis assays with mass cytometry - CyTOF technology to assess mitochondrial dysfunction.

¹Mass Cytometry Laboratory, Center for Clinical, Experimental Surgery and Translational Research, Biomedical Research Foundation of the Academy of Athens, Athens, Greece, ²Division of Pharmacology-Pharmacotechnology, Center for Clinical, Experimental Surgery and Translational Research, Biomedical Research Foundation of the Academy of Athens, Athens, Greece, ³Cancer Research Center, Boston University School of Medicine, Boston, MA, USA; PhenoMatriX, Inc., Natick, MA, USA.

OM8. 14.30-14.40

Natalia Atzemian 1,2, Nikolas Dovrolis 1,2, Georgia Ragia 1,2, George Kolios 1,2, Vangelis G. Manolopoulos 1,2,3

Decoding the molecular complexity of atrial fibrillation

1Laboratory of Pharmacology, Medical School, Democritus University of Thrace, Alexandroupolis, Greece, 2Individualised Medicine & Pharmacological Research Solutions Center (IMPreS), Alexandroupolis, Greece, 3Clinical Pharmacology Unit, Academic General Hospital of Alexandroupolis, Alexandroupolis, Greece

OM9. 14.40-14.50

Christina Ioannou*, Panagiotis Tradalis*, Annia Tsolakou, Evangelia Koutsogiannouli, Nikolaos Drakoulis

Frequency distribution study of polymorphisms rs1799752, rs699, rs4762, rs1800562 associated with heart failure occurrence

*Research Group of Clinical Pharmacology and Pharmacogenomics, Faculty of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens, Greece *Equal contribution*

OM10. 14.50-15.00

P. Efentakis¹, A. Choustoulaki¹, A. Varela², I. Kostopoulos³, A. Georgoulis¹, G. Tsekenis⁴, C. Giakiopoulou⁵, I. Ntanasis-Stathopoulos⁶, C. Davos², O. Tsitsiloni³, M.A. Dimopoulos⁶, M. Gavriatopoulou⁶, E. Terpos⁶, I. Andreadou¹

Vascular Permeability mediates Pembrolizumab-induced cardiotoxicity *in vivo*. Emerging role of Intercellular Adhesion Molecule 1/ICAM-1.

¹Laboratory of Pharmacology, National and Kapodistrian University of Athens, Athens, Greece, ²Cardiovascular Research Laboratory, Clinical, Experimental Surgery & Translational Research Center, Biomedical Research Foundation Academy of Athens, Athens, Greece, ³Department of Biology, School of Science, National and Kapodistrian University of Athens, Athens, Greece, ⁴Bionanotechnology and Nanochemistry Group, Biomedical Research Foundation of the Academy of Athens (BRFAA), Athens, Greece, ⁵1st Department of Pathology, School of Medicine, National and Kapodistrian University of Athens, Athens, Greece, ⁶Clinical Therapeutics, National and Kapodistrian University of Athens, Athens, Greece

OM11. 15.00-15.10

Αντωνία Κατσούδα^{1,2}, Dunja Petrovic³, Σοφία Χαβάκη⁴, Ελευθέριος Πιλάλης ¹, Αριστοτέλης Χατζηιωάννου¹, Milos R Filipovic³, Ανδρέας Παπαπετρόπουλος^{1,2}

Γ-λύση της κυταθειονίνης, ένας νέος μοριακός στόχος για την επαγωγή της θερμογένεσης

¹Κέντρο Κλινικής, Πειραματικής Χειρουργικής & Μεταφραστικής Έρευνας, Ίδρυμα Ιατροβιολογικών Ερευνών Ακαδημίας Αθηνών, Αθήνα, Ελλάδα, ²Εργαστήριο Φαρμακολογίας, Τμήμα Φαρμακευτικής, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών, Αθήνα, Ελλάδα, ³Leibniz-Institut für Analytische Wissenschaften-ISAS-e.V., Ντόρτμουντ, Γερμανία, ⁴Εργαστήριο Ιστολογίας και Εμβρυολογίας, Ιατρική Σχολή, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών, Αθήνα, Ελλάδα

OM12. 15.10-15.20

Γαβριέλα Βουλγαρίδου^{1,2}, Θεοδώρα Παρασκευά^{1,2}, Γεωργία Ράγια^{1,2}, Γεώργιος Κολιός^{1,2}, Κωνσταντίνος Αρβανιτίδης^{1,2,3}, Ευάγγελος Γ. Μανωλόπουλος^{1,2,3}

Συγκριτική καταγραφή της εφαρμογής της Θεραπευτικής Μέτρησης Φαρμάκων σε ελληνικά δημόσια νοσοκομεία: 2003 – 2021

¹ Εργαστήριο Φαρμακολογίας, Τμήμα Ιατρικής, Δημοκρίτειο Πανεπιστήμιο Θράκης, Αλεξανδρούπολη, ² Κέντρο Αριστείας και Φαρμακολογικών Μελετών IMPReS (Individualised Medicine & Pharmacological Research Solutions Center), Αλεξανδρούπολη, ³ Μονάδα Κλινικής Φαρμακολογίας, Πανεπιστημιακό Γενικό Νοσοκομείο Αλεξανδρούπολης, Αλεξανδρούπολη

15.20-15.30 Διάλειμμα

15.30-17.00 Γενική Συνέλευση / Απολογισμός απερχόμενου ΔΣ / Εκλογές για νέο ΔΣ

POSTERS

P1. Vlachou Stella, Tzara Ariadni and Kourounakis Angeliki*

STRUCTURE-ACTIVITY RELATIONSHIPS OF ANTIOXIDANT/ANTIHYPERTENSIVE AROMATIC (BENZO)THIAZINES/BENZOXAZINES LEADING TO VARIABLE MULTIPOTENT ACTIVITY

Department of Medicinal Chemistry, School of Pharmacy, National and Kapodistrian University of Athens

P2. Anna-Sofia Nousia, Aikaterini Chatzi, Ariadni Tzara and Angeliki P. Kourounakis

BENZOXAZINE-BASED MULTIFUNCTIONAL AGENTS: EMPHASIS ON ANTIOXIDANT / ANTIHYPERTENSIVE / ANTINFLAMMATORY ACTIVITY

Department of Medicinal Chemistry, School of Pharmacy, National and Kapodistrian University of Athens

P3. D. Anatolou^{1,2}, P. Mavroudis^{3,4}, G. Ragia^{1,2}, E. Giannitsioti⁴, G. Kolios^{1,2}, V.G. Manolopoulos^{1,2,5}

Bioinformatics analysis reveals evidence for persistent inflammation in recovered COVID-19 patients

1Laboratory of Pharmacology, Medical School, Democritus University of Thrace, Alexandroupolis, Greece, 2Individualised Medicine & Pharmacological Research Solutions Center (IMPreS), Alexandroupolis, Greece, 3Second Department of Internal Medicine, Tzaneio General Hospital, 18536 Piraeus, Greece, 4COVID-19 Department, Tzaneio General Hospital, 18536 Piraeus, Greece, 5Clinical Pharmacology Unit, Academic General Hospital of Alexandroupolis, Alexandroupolis, Greece

P4. Markos Tzimas^{1,2}, Michel Janho^{1,2}, Evangelia Asprodini^{1,2}, Elias Begas² and Eftihia Asprodini^{1,2}

Development of a reversed-phase HPLC method for the pharmacokinetic analysis of caffeine in healthy volunteers

Laboratories of 1Clinical Pharmacology and 2Pharmacology, Faculty of Medicine, University of Thessaly

P5. Ravani S ^{1,2}, Chatzianastasiou A², Papapetropoulos A ^{1,2}

Using mechanism-based combinations of H₂S-donors to maximize the cardioprotective action of H₂S

1 Center of Clinical, Experimental Surgery & Translational Research, Biomedical Research Foundation of the Academy of Athens, Greece, Athens Attiki, Greece, 2 Laboratory of Pharmacology, Faculty of Pharmacy, National and Kapodistrian University of Athens, Greece, Athens Attiki, Greece

P6. Paraskevas Zampas^{1,2}, Maria Peleli^{1,5}, Iris-Sofia Bibli³, Boye L. Jensen⁴, Andreas Papapetropoulos^{1,2} Deletion of 3-mercaptopyruvate sulfurtransferase (Mpsst) disrupts kidney homeostasis resulting in albuminuria

1Clinical, Experimental Surgery and Translational Research Center, Biomedical Research Foundation of the Academy of Athens, Athens, Greece. 2Laboratory of Pharmacology, Faculty of Pharmacy, National and Kapodistrian University of Athens, Athens, Greece. 3 Institute for Vascular Signaling, Centre for Molecular Medicine, Goethe University, Frankfurt am Main, Germany. 4Department of Cardiovascular and Renal Research, Institute of Molecular Medicine, University of Southern Denmark 5 Institute of Molecular Medicine, University of Southern Denmark

P7. Markou M^{1,2}, Katsouda A^{1,2}, Argyropoulou A^{3,4}, Vanioti M⁴, Mitakou S³, Papapetropoulos A ^{1,2} A nitrite-based supplement with beneficial effects in obesity

1 Center of Clinical, Experimental Surgery & Translational Research, Biomedical Research Foundation of the Academy of Athens, Greece, Athens Attiki, Greece, 2 Laboratory of Pharmacology, Faculty of

Pharmacy, National and Kapodistrian University of Athens, Greece, Athens Attiki, Greece, 3 Division of Pharmacognosy and Natural Products Chemistry, Department of Pharmacy, NKUA, 15771, Greece, 4 PharmaGnose S.A., 57th km Athens-Lamia National Road, Oinofyta, 32011, Greece

P8. X. Μαρκάτος¹, B. Καραγεώργος¹, M. Σωμαράκη¹, Γ. Μπινιάρη², M. Βενυχάκη³, Θ. Τσέλιος², Γ. Λιαπάκης¹ ΦΑΡΜΑΚΟΛΟΓΙΚΕΣ ΙΔΙΟΤΗΤΕΣ ΝΕΩΝ GnRH ΑΝΑΛΟΓΩΝ ΣΥΖΕΥΓΜΕΝΩΝ ΜΕ ΑΝΘΡΑΚΙΝΟΗ

1Τμήμα Φαρμακολογίας, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο, 2Τμήμα Χημείας, Πανεπιστήμιο Πατρών, Πάτρα, 3Τμήμα Κλινικής Χημείας, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο

P9. Anthi Maslarinou^{1,2}, Georgia Ragia^{1,2}, Natalia Atzemian^{1,2}, Nikolaos Xenidis^{†3}, Triantafyllia Koukaki³, Eirini Bizioti³, Kyriakos Amarantidis³, George Kolios^{1,2}, Stylianos Kakolyris³, Vangelis G. Manolopoulos^{1,2,4}

Fluoropyrimidine pharmacogenomics: time for a polygenic algorithm to predict FP induced severe toxicity

1 Laboratory of Pharmacology, Medical School, Democritus University of Thrace, Alexandroupolis, Greece, 2 Individualised Medicine & Pharmacological Research Solutions Center (IMPreS), Alexandroupolis, Greece, 3 Department of Medical Oncology, University General Hospital of Alexandroupolis, Medical School, Democritus University of Thrace, Alexandroupolis, Greece, 4 Clinical Pharmacology Unit, Academic General Hospital of Alexandroupolis, Alexandroupolis, Greece

P10. Alexandra Smina¹, Zoi Kanaki¹, Chrysoula Chandrinou², Ioanna-Maria Orfanou¹, Fotini E. Koukouzeli¹, Yiannis Ntounias¹, Nikolaos Paschalidis¹, Ilias Cheliotis², Marina Makrygianni², Jill Ziesmer³, Georgios A. Sotiriou³, Ioanna Zergioti², Apostolos Klinakis¹, Constantin Tamvakopoulos¹

Laser Printing of Anticancer Agents onto Microneedles for Transdermal Delivery; Bioanalytical Approach Strategies for Optimization of Product Development

1. Biomedical Research Foundation Academy of Athens, 4 Soranou Efessiou Street, 11527 Athens, Greece 2. Department of Physics, School of Mathematical and Physical Sciences, National Technical University of Athens, Heroon Polytehneiou 9, 15780 Athens, Greece 3. Department of Microbiology, Tumor and Cell Biology, Karolinska Institutet, SE-171 77 Stockholm, Sweden

P11. X. Μαρκάτος¹, Γ. Μπινιάρη², M. Βενυχάκη³, Θ. Τσέλιος², Γ. Λιαπάκης¹

ΑΝΤΙΝΕΟΠΛΑΣΜΑΤΙΚΗ ΔΡΑΣΗ ΤΟΥ ΝΕΟΥ ΣΥΖΕΥΓΜΕΝΟΥ ΜΕ ΜΙΤΟΞΑΝΔΡΟΗ GnRH ΑΝΑΛΟΓΟΥ Con7

1Τμήμα Φαρμακολογίας, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο, 2Τμήμα Χημείας, Πανεπιστήμιο Πατρών, Πάτρα, 3Τμήμα Κλινικής Χημείας, Ιατρική Σχολή Πανεπιστημίου Κρήτης, Ηράκλειο

P12. C. Ntenti¹, E. Papakonstantinou¹, L. Grize², M. Tamm², D. Stolz³, A. Goulas⁴ FKBP5 rs4713916:

A potential genetic predictor of differential response to triple therapy among COPD patients

11st Laboratory of Pharmacology, Department of Medicine, Aristotle University of Thessaloniki, Greece; Clinic of Respiratory Medicine, University of Freiburg, Germany; Faculty of Medicine, University of Freiburg, Germany; Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland 2Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland, 3Clinic of Respiratory Medicine, University of Freiburg, Germany; Faculty of Medicine, University of Freiburg, Germany; Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland KB, 41st Laboratory of Pharmacology, Department of Medicine, Aristotle University of Thessaloniki, Greece; Clinical Research Unit, Special Unit for Biomedical Research and Education, School of Medicine, Aristotle University of Thessaloniki, 56429 Thessaloniki, Greece

P13. Βλάσιος Καραγεώργος¹, Ν. Ζουμπάνου², Θωμάς Μαυρομούστακος², Γεώργιος Λιαπάκης¹

Ανάπτυξη και φαρμακολογικός χαρακτηρισμός του αναστολέα του AT1 υποδοχέα της αγγειοτασίνης ιμπεσαρτάνη εγκλωβισμένου σε κυκλοδεξτρίνη

1Εργαστήριο Μοριακής Φαρμακολογίας, Ιατρική Σχολή, Πανεπιστήμιο Κρήτης, Βούτες, Ηράκλειο Κρήτης, 71100, 2Εργαστήριο Οργανικής Χημείας, Τμήμα Χημείας, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών, Πανεπιστημιούπολη, Ζωγράφου 11571

P14. Anastasia Palaiologou¹, Nick Paloumpis¹, Natalia Kamperi¹, Constantin Tamvakopoulos¹

A novel LC-MS/MS method for simultaneous quantification of a monoclonal antibody and other antineoplastic agents, applicable for TDM

1Pharmacology-Pharmacotechnology Division, Center for Clinical, Experimental Surgery and Translational Research, Biomedical Research Foundation of the Academy of Athens, Athens, Greece

P15. Evangelia Fragkiadaki ^a, Lamprini Katsanou ^a, Foteini Vartzoka ^a, Achille Gravanis ^b, Nikolaos Pitsikas ^a

Effects of the novel dehydroepiandrosterone (DHEA) derivative BNN27 in rat models of generalized anxiety disorder (GAD), social phobia and posttraumatic stress disorder (PTSD)

aDepartment of Pharmacology, School of Medicine, Faculty of Health Sciences, University of Thessaly, Larissa, Greece, b Department of Pharmacology, School of Medicine, University of Crete, and Institute of Molecular Biology & Biotechnology, Foundation of Research & Technology-Hellas, Heraklion Greece

P16. Μύρια Παλλήκαρου ^{1,2}, Γεωργία Ράγια ^{1,2}, Θεοφάνης Βορβολάκος ³, Μαρία Σαμακουρή ³, Ευάγγελος Γ. Μανωλόπουλος^{1,2,4}

Εφαρμογή της φαρμακογονιδιοματικής σε ψυχιατρικούς ασθενείς του Πανεπιστημιακού Γενικού Νοσοκομείου Αλεξανδρούπολης: συγκεντρωτικά δεδομένα 2006-2023

1 Εργαστήριο Φαρμακολογίας, Τμήμα Ιατρικής, Δημοκρίτειο Πανεπιστήμιο Θράκης, Αλεξανδρούπολη, 2 Κέντρο Αριστείας και Φαρμακολογικών Μελετών IMPReS (Individualised Medicine & Pharmacological

Research Solutions Center), Αλεξανδρούπολη, 3 Πανεπιστημιακή Ψυχιατρική Κλινική, Πανεπιστημιακό Γενικό Νοσοκομείο Αλεξανδρούπολης, Τμήμα Ιατρικής, Δημοκρίτειο Πανεπιστήμιο Θράκης, Αλεξανδρούπολη, 4 Μονάδα Κλινικής Φαρμακολογίας, Πανεπιστημιακό Γενικό Νοσοκομείο Αλεξανδρούπολης, Αλεξανδρούπολη

P17. Eleni Kardamila^{a*}, Chara Almpania, Dimitra Ieronymakia, Aspasia Petrib, and Michail Ch. Rallisa

UVGI effects on skin fibroblasts

a Section of Pharmaceutical technology, Department of Pharmacy, School of Health Science, National and Kapodistrian University of Athens, Panepistimiopolis Zografou, 15784, Athens, Greece. Email: eleni.kardamila@gmail.com b Greek Atomic Energy Commission, Non-Ionizing Radiation Office, Patriarchou Grigoriou & Neapoleos str., P.O. Box: 60092, Ag. Paraskevi, Greece

P18. Vasiliki Kanelopoulou^{*}, Athanasios Xanthopoulos, Pinelopi Kastana, Eleni Mourkogianni, Evangelia Papadimitriou

The role of β -adrenergic receptor agonists and antagonists in endothelial cell functions

Laboratory of Molecular Pharmacology, Department of Pharmacy, School of Health Sciences, University of Patras, Greece;

P19. Sosanna Kritikou^{*}, Eleni Mourkogianni, Stavros Topouzis, Evangelia Papadimitriou

Vasoconstriction and vasorelaxation properties of PTN wild-type versus PTN knockout mice

Laboratory of Molecular Pharmacology, Department of Pharmacy, School of Health Sciences, University of Patras, Greece;

P20. Μαρίνα Σωμαράκη¹, Βλάσιος Καραγεώργος¹, Βασίλης Παναγιωτόπουλος², Χρήστος Μαρκάτος¹, Μάριος Γιάτρος², Κωνσταντίνος Τσιανάκας², Rabiul Islam³, Hesham Fahmy³, Μίνως-Τιμόθεος Ματσούκας², Γεώργιος Λιαπάκης¹

Φαρμακολογικός χαρακτηρισμός ενός νεου μη πεπτιδικού αναλόγου του CRF₁ υποδοχέα

¹Εργαστήριο Μοριακής Φαρμακολογίας, Ιατρική Σχολή, Πανεπιστήμιο Κρήτης, Βούτες, Ηράκλειο Κρήτης, 71100, ²Τμήμα Μηχανικών Βιοϊατρικής, Σχολή Μηχανικών, Πανεπιστήμιο Δυτικής Αττικής, Αθήνα, 12243, ³Department of Pharmaceutical Science, College of Pharmacy & Allied Health Professions, South Dakota State University, Brookings, SD, 57007, USA

P21. K. Portokallidou^{1,2}, G. Leonidis^{1,2}, G. Ragia^{1,2}, G. Kolios^{1,2}, K. Arvanitidis^{1,2}, V. G. Manolopoulos^{1,2,3}

Development and Validation of Method for Clozapine measurement in human serum Using LC-MS/MS

1 Laboratory of Pharmacology, Medical School, Democritus University of Thrace, Alexandroupolis, Greece, 2 Individualised Medicine & Pharmacological Research Solutions Center (IMPreS),

Alexandroupolis, Greece, 3 Clinical Pharmacology Unit, Academic General Hospital of Alexandroupolis, Alexandroupolis, Greece

P22. G. Leonidis^{1,2}, K. Portokallidou^{1,2}, G. Ragia^{1,2}, G. Kolios^{1,2}, K. Arvanitidis^{1,2}, V. G. Manolopoulos^{1,2,3}

Development of simple protein extraction and in-solution digestion for bottom-up proteomics analysis

1 Laboratory of Pharmacology, Medical School, Democritus University of Thrace, Alexandroupolis, Greece, 2 Individualised Medicine & Pharmacological Research Solutions Center (IMPRoS), Alexandroupolis, Greece, 3 Clinical Pharmacology Unit, Academic General Hospital of Alexandroupolis, Alexandroupolis, Greece

P23. L. Symeonidi¹, I.K. Koutsaliaris², L.M. Pechlivani², A. N. Tsouka², P. Stathopoulos³, A. Svoraki³, C. Tellis², D. Pantazi², M. Tsoumani¹, A.-L. Skaltsounis³, N. Kostomitsopoulos⁴ I. Tseti⁵ A.D. Tselepis², I. Andreadou¹

Investigation of the preventive effects of extracts coming from a family of berries on cardioprotection in metabolic syndrome

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P24. PE. Nikolaou¹, A. Georgoulis¹, A. Choustoulaki¹, A. Papanikolaou², G. Baltatzis², C. Liacos², M. Makridakis³, P. Efentakis¹, B. Mavroidi⁴, M. Pelecanou⁴, A. Vlachou³, E. Terpos², CE. Vorgias¹, MA. Dimopoulos², E. Kastritis², I. Andreadou¹

Cardiotoxicity in light chain amyloidosis: Insights from the first murine model with intramyocardial injection of patient-derived amyloidogenic light chains

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P25. Marilena Andreopoulou, Vassiliki Economou and Nikolaos Drakoulis

VEGF gene polymorphisms association with diabetic foot ulcers

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P26. Aggeliki Asimakopoulou, Vassiliki Economou and Nikolaos Drakoulis

The effect of COL1A1, MMP1 and VDR on skin aging

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