

PharmaGnose researchers participate in a large number of publications in considerable scientific journals.

1. Panagiota Stamou, Eleni V. Mikropoulou, Maria Chalkiadaki, Aikaterini Basdeki, Lemonia Antoniadis, Stéphane Poigny, Maria Halabalaki. Revealing the potential of Chios Mastic Gum and its constituents for cosmetic applications through chemical profiling and biological evaluation. **Cosmetics** 2024; 11(5), 155; <https://doi.org/10.3390/cosmetics11050155>.
2. Georgios Stavropoulos, Eleftherios Karapatzak, Aikaterini Argyropoulou, Evangelos Vassalos, Ioanna Kakabouki, Leandros-Alexios Skaltsounis, Panayiota Papastylianou. Sustainable experimental cultivation of the Greek endemic *Helichrysum amorginum* Boiss. and Orph.: Assessment of the total phenolic content at different flower harvest stages. **Notulae Botanicae Horti Agrobotanici Cluj-Napoca** 2024; 52(3), 13943; <https://doi.org/10.15835/nbha52313943>.
3. Electra Papadopoulou, Dimitrios Moutousidis, Sotirios Kountouras, Aikaterini Argyropoulou, Panagiotis Stathopoulos, Alexios Leandros Skaltsounis, Rafail O. Ioannidis, Eleftheria Xanthopoulou, Lamprini Malletzidou, Konstantinos Chrissafis. New Bio-Based Binding Systems for Plywood Panels. **Appl. Sci.** 2024; 14(13), 5862; <https://doi.org/10.3390/app14135862>.
4. Maria Markou, Antonia Katsouda, Varvara Papaioannou, Aikaterini Argyropoulou, Marianna Vanioti, Constantin Tamvakopoulos, Leandros A. Skaltsounis, Maria Halabalaki, Sofia Mitakou, Andreas Papapetropoulos. Anti-obesity effects of Beta vulgaris and Eruca sativa-based extracts. **Phytotherapy Research** 2024; 1-17. <https://doi.org/10.1002/ptr.8291>.
5. Maria Kourti, Maria V. Alvanou, Zoi Skaperda, Fotis Tekos, Georgios Papaefstathiou, Panagiotis Stathopoulos, Demetrios Kouretas. Antioxidant and DNA-Protective Activity of an Extract Originated from Kalamon Olives Debittering. **Antioxidants** 2023; 12(2), 333; <https://doi.org/10.3390/antiox12020333>.
6. Paraskevi Karousi, Christos K. Kontos, Panagiota Papakotsi, Ioannis K. Kostakis, Alexios-Leandros Skaltsounis, Andreas Scorilas. Next-generation sequencing reveals altered gene expression and enriched pathways in triple-negative breast cancer cells treated with oleuropein and oleocanthal. Functional & Integrative **Genomics** 2023; 23; <https://doi.org/10.1007/s10142-023-01230-w>.
7. Mohan Ghorasaini, Konstantina Ismini Tsezou, Aswin Verhoeven, Yassene Mohammed, Panayiotis Vlachoyiannopoulos, Emmanuel Mikros, Martin Giera. Congruence and Complementarity of Differential Mobility Spectrometry and NMR Spectroscopy for Plasma Lipidomics. **Metabolites** 2022; 12(11), 1030; <https://doi.org/10.3390/metabo12111030>.

8. Lemonia Antoniadi, Apostolis Angelis, Panagiotis Stathopoulos, Eirini-Maria Bata, Zoe Papoutsaki, Maria Halabalaki, Leandros A. Skaltsounis. Oxidized Forms of Olive Oil Secoiridoids: Semisynthesis, Identification and Correlation with Quality Parameters. **Planta Med** 2022; **88**(09/10), 805-813; <https://doi.org/10.1055/a-1806-7815>.
9. Vasiliki K. Pachi, Eleni V. Mikropoulou, Sofia Dimou, Mariangela Dionysopoulou, Aikaterini Argyropoulou, George Dailinas, Maria Halabalaki. Chemical Profiling of *Pistacia lentiscus* var. *Chia* Resin and Essential Oil: Ageing Markers and Antimicrobial Activity. **Processes** 2021; **9**(3), 418; <https://doi.org/10.3390/pr9030418>.
10. Apostolis Angelis, Panagiotis Mavrosa, Panagiota Efstathia Nikolaou, Sofia Mitakou, Maria Halabalaki, Leandros Skaltsounis. Phytochemical analysis of olive flowers' hydroalcoholic extract and *in vitro* evaluation of tyrosinase, elastase and collagenase inhibition activity. **Fitoterapia**, 2020; 143; <https://doi.org/10.1016/j.fitote.2020.104602>.
11. Lamprini Karygianni, Manuel Cecere, Aikaterini Argyropoulou, Elmar Hellwig, Alexios Leandros Skaltsounis, Annette Wittmer, Jörg Philipp Tchorz, Ali Al-Ahmad. Compounds from *Olea europaea* and *Pistacia lentiscus* inhibit oral microbial growth. **BMC Complementary and Alternative Medicine** 2019; **19**(51), 2461; <https://doi.org/10.1186/s12906-019-2461-4>.
12. Alexandros Priftis, Nikolaos Goutzourelas, Maria Halabalaki, Georgia Ntasi, Dimitrios Stagos, Grigorios D Amoutzias, Leandros A Skaltsounis, Dimitrios Kouretas. Effect of polyphenols from coffee and grape on gene expression in myoblasts. **Mechanisms of Ageing and Development** 2018; **172**, 115-122; <https://doi.org/10.1016/j.mad.2017.11.015>.
13. Paraskevi Kouka, Georgia-Anna Chatzieffraimidi, Grigorios Raftis, Dimitrios Stagos, Apostolis Angelis, Panagiotis Stathopoulos, Nikos Xynos, Alexios-Leandros Skaltsounis, Aristides M Tsatsakis, Demetrios Kouretas. Antioxidant effects of an olive oil total polyphenolic fraction from a Greek *Olea europaea* variety in different cell cultures. **Phytomedicine** 2018; **47**, 135-142; <https://doi.org/10.1016/j.phymed.2018.04.054>.
14. Alexandros Priftis, Dimitra Mitsiou, Maria Halabalaki, Georgia Ntasi, Dimitrios Stagos, Leandros A Skaltsounis, Demetrios Kouretas. Roasting has a distinct effect on the antimutagenic activity of coffee varieties. **Mutation Research - Genetic Toxicology and Environmental Mutagenesis** 2018; **829-830**, 33-42; <https://doi.org/10.1016/j.mrgentox.2018.03.003>.
15. Alexandros Priftis, Eleftheria-Maria Panagiotou, Konstantinos Lakis, Christina Plika, Maria Halabalaki, Georgia Ntasi, Aristidis S. Veskoukis, Dimitrios Stagos, Leandros A. Skaltsounis, Dimitrios Kouretas. Roasted and green coffee extracts show antioxidant and cytotoxic activity in myoblast and endothelial cell lines in a cell specific manner. **Food and Chemical Toxicology**. 2018; <https://doi.org/10.1016/j.fct.2018.02.029>.
16. Apostolis Angelis, Mahmoud Hamzaoui, Nektarios Aligiannis, Theodora Nikou, Dimitris Michailidis, Panagiotis Gerolimatos, Aikaterini Termentzi, Jane Hubert, Maria Halabalaki, Jean-Hugues Renault, Alexios-Leandros Skaltsounis. An integrated process for the recovery of high added-value compounds from olive oil using solid support free liquid-liquid extraction and chromatography techniques. **Journal of Chromatography A** 2017; **1491**, 126-136; <https://doi.org/10.1016/j.chroma.2017.02.046>.
17. Paraskevi Kouka, Alexandros Priftis, Dimitrios Stagos, Apostolis Angelis, Panagiotis Stathopoulos, Nikos Xynos, Alexios-Léandros Skaltsounis, Charalampos Mamoulakis, Aristides M Tsatsakis, Demetrios A Spandidos, Demetrios Kouretas. Assessment of the antioxidant activity of an olive oil total polyphenolic fraction and hydroxytyrosol from a Greek *Olea europea* variety in endothelial cells and myoblasts. **International Journal of Molecular Medicine** 2017; **40**, 703-712; <https://doi.org/10.3892/ijmm.2017.3078>.
18. Alik Papadopoulou, Konstantinos Petrotos, Dimitrios Stagos, Konstantinos Gerasopoulos, Antonios Maimaris, Haralampos Makris, Ioannis Kafantaris, Sotiria Makri, Efthalia

Kerasioti, Maria Halabalaki, Vincent Brieudes, Georgia Ntasi, Stylianos Kokkas, Pavlos Tzimas, Panagiotis Goulas, Alexander M. Zakharenko, Kirill S. Golokhvast, Aristidis Tsatsakis, and Demetrios Kouretas. Enhancement of Antioxidant Mechanisms and Reduction of Oxidative Stress in Chickens after the Administration of Drinking Water Enriched with Polyphenolic Powder from Olive Mill Waste Waters. ***Oxidative Medicine and Cellular Longevity*** 2017; **2017**(1); [https://doi.org/ 10.1155/2017/8273160](https://doi.org/10.1155/2017/8273160).

19. Vassilios Myrianthopoulos, Pierre Francois Cartron, Zita Liutkeviciut, Saulius Klimasauskas, Daumantas Matulis, Christian Bronner, Nadine Martinet Emmanuel Mikros. Tandem virtual screening targeting the SRA domain of UHRF1 identifies a novel chemical tool modulating DNA methylation. ***European Journal of Medicinal Chemistry*** 2016; 114, 390-396; <http://dx.doi.org/10.1016/j.ejmech.2016.02.043>.