

2016.

**Mohamed El-Shazly, Chi-Jung Tai, Tung-Ying Wu, Dezső Csupor, Judit Hohmann, Fang-Rong Chang, Yang-Chang Wu**

Use, history, and liquid chromatography/mass spectrometry chemical analysis of Aconitum  
JOURNAL OF FOOD AND DRUG ANALYSIS 24: pp. 29-45. (2016) doi: [10.1016/j.jfda.2015.09.001](https://doi.org/10.1016/j.jfda.2015.09.001)

Gáti T, Simona A, Hunyadi A, Csábi J, Kele Z, Tóth G

New ring-rearranged metabolite of 20-hydroxyecdysone obtained by base-catalyzed auto-oxidation

MAGNETIC RESONANCE IN CHEMISTRY 54: (5) pp. 391-395. (2016) doi: [10.1002/mrc.4389](https://doi.org/10.1002/mrc.4389)

**Barbara T, Liktör-Busa E, Kúsz N, Szappanos Á, Mándi A, Kurtán T, Urbán E, Hohmann J, Chang F-R, Vasas A**

Phenanthrenes from *Juncus inflexus* with Antimicrobial Activity against Methicillin-Resistant *Staphylococcus aureus*

JOURNAL OF NATURAL PRODUCTS 79: (11) pp. 2814-2823. (2016) doi: [10.1021/acs.jnatprod.6b00581](https://doi.org/10.1021/acs.jnatprod.6b00581)

**Bombicz M, Priksz D, Varga B, Gesztelyi R, Kertesz A, Lengyel P, Balogh P, Csupor D, Hohmann J, Bhattoa HP, Haines DD, Juhasz B**

Anti-Atherogenic Properties of *Allium ursinum* Liophyllisate: Impact on Lipoprotein Homeostasis and Cardiac Biomarkers in Hypercholesterolemic Rabbits

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 17: (8) Paper 1284. (2016) doi: [10.3390/ijms17081284](https://doi.org/10.3390/ijms17081284)

**Horváth-Boros K, Jedlinszki N, Csupor D**

Theanine and Caffeine content of infusions prepared from commercial tea samples

PHARMACOGNOSY MAGAZINE 12(45) 75, 2016. doi: [10.4103/0973-1296.176061](https://doi.org/10.4103/0973-1296.176061)

**El-Shazly M, Tai CJ, Wu TY, Csupor D, Hohmann J, Chang FR, Wu YC**

Use, history, and liquid chromatography/mass spectrometry chemical analysis of *Aconitum*

JOURNAL OF FOOD AND DRUG ANALYSIS 24: 29-45, 2016. doi: [10.1016/j.jfda.2015.09.001](https://doi.org/10.1016/j.jfda.2015.09.001)

2015.

**Martins A, Sipos P, Dér K, Csábi J, Walter M, Walter B, Zalatnai A, Amaral L, Molnár J, Szabó-Révész P, Hunyadi A**

Ecdysteroids sensitize MDR and non-MDR cancer cell lines to doxorubicin, paclitaxel, and vincristine but tend to protect them from cisplatin

BIOMED RESEARCH INTERNATIONAL 2015: Paper 895360. 8 p., 2015 doi: [10.1155/2015/895360](https://doi.org/10.1155/2015/895360)

**Tóth B, Bartho L, Vasas A, Sánodor Zs, Jedlinszki N, Pinke Gy, Hohmann J**

Dual Excitatory and Smooth Muscle-relaxing Effect of *Sideritis montana* Extract on Guinea-pig Ileum

NATURAL PRODUCT COMMUNICATIONS 10(3) 487-490, 2015

**Csupor D, Bognár J, Karsai J**

An Optimized Method for the Quantification of Isoflavones in Dry Soy Extract Containing Products

FOOD ANALYTICAL METHODS 8(10) 2515-2523, 2015 doi: [10.1007/s12161-015-0143-5](https://doi.org/10.1007/s12161-015-0143-5)

**Csábi J, Hsieh TJ, Hasanpour F, Martins A, Kele Z, Gáti T, Simon A, Tóth G, Hunyadi A**

Oxidized Metabolites of 20-Hydroxyecdysone and their Activity on Skeletal Muscle Cells: Preparation of a Pair of Desmotropes with Opposite Bioactivities

JOURNAL OF NATURAL PRODUCTS 78(10) 2339-2345, 2015 doi: [10.1021/acs.jnatprod.5b00249](https://doi.org/10.1021/acs.jnatprod.5b00249)

**El-Shazly M, Tai CJ, Wu TY, Csupor D, Hohmann J, Chang FR, Wu YC**

Use, history, and liquid chromatography/mass spectrometry chemical analysis of *Aconitum*

JOURNAL OF FOOD AND DRUG ANALYSIS, 2015 doi: [10.1016/j.jfda.2015.09.001](https://doi.org/10.1016/j.jfda.2015.09.001)

**Gáti T, Simona A, Hunyadi A, Csábi J, Kele Z, Tóth G**

New ring-rearranged metabolite of 20-hydroxyecdysone obtained by base-catalyzed auto-oxidation

MAGNETIC RESONANCE IN CHEMISTRY, 2015 doi: [10.1002/mrc.4389](https://doi.org/10.1002/mrc.4389)

**Kiss I, Unger C, Huu CN, Atanasov AG, Kramer N et al.**

Lobatin b inhibits NPM/ALK and NF- $\kappa$ B attenuating anaplastic-large-cell-lymphomagenesis and lymphendothelial tumour intravasation

CANCER LETTERS 356, 994-1006, 2015 doi: [10.1016/j.canlet.2014.11.019](https://doi.org/10.1016/j.canlet.2014.11.019)

**Lajter I, Pan S-P, Nikles S, Ortmann S, Vasas A, Csupor-Löffler B, Forgó P, Hohmann J, Bauer R**

Inhibition of COX-2 and NF- $\kappa$ B1 Gene Expression, NO Production, 5-LOX, and COX-1 and COX-2 Enzymes by Extracts and Constituents of *Onopordum acanthium*

PLANTA MEDICA: NATURAL PRODUCTS AND MEDICINAL PLANT RESEARCH 81(14) 1270-1276, 2015 doi: [10.1055/s-0035-1546242](https://doi.org/10.1055/s-0035-1546242)

**Jedlinszki N, Csupor D**

A Validated, Rapid HPLC-ESI-MS/MS Method for the Determination of Lycopsamine

NATURAL PRODUCT COMMUNICATIONS 10(7) 1181-1182, 2015

**Orbán-Gyapai O, Lajter I, Hohmann J, Jakab G, Vasas A**

Xanthine Oxidase Inhibitory Activity of Extracts Prepared from Polygonaceae Species

PHYTOTHERAPY RESEARCH 29, 459-465, 2015 doi: [10.1002/ptr.5275](https://doi.org/10.1002/ptr.5275)

**Orvos P, Virág L, Tálosi L, Hajdú Zs, Csupor D, Jedlinszki N, Szél T, Varró A, Hohmann J**

Effects of *Chelidonium majus* extracts and major alkaloids on hERG potassium channels and on dog cardiac action potential - a safety approach.

FITOTERAPIA 100, 156-165, 2015, doi: [10.1016/j.fitote.2014.11.023](https://doi.org/10.1016/j.fitote.2014.11.023)

**Rédei D, Boros K, Forgó P, Molnár J, Kele Z, Palinko I, Pinke Gy, Hohmann J**

Diterpene constituents of *Euphorbia exigua* L. and multidrug resistance reversing activity of the isolated diterpenes

CHEMISTRY & BIODIVERSITY 12(8) 1214-1221, 2015 doi: [10.1002/cbdv.201400260](https://doi.org/10.1002/cbdv.201400260)

**Rédei D, Kúsz N, Szabó M, Pinke Gy, Zupkó I, Hohmann J**

First phytochemical investigation of secondary metabolites of *Euphorbia davidii* Subils. and antiproliferative activity of its extracts

ACTA BIOLOGICA HUNGARICA 66(4) 480-483, 2015

**Stankovic T, Dankó B, Martins A, Dragoj M, Stojkovic S, Isakovic A, Wang H-C, Wu Y-C, Hunyadi A, Pesic M**

Lower antioxidative capacity of multidrug-resistant cancer cells confers collateral sensitivity to protoflavone derivatives

CANCER CHEMOTHERAPY AND PHARMACOLOGY 76(3) 555-565, 2015 doi: [10.1007/s00280-015-2821-9](https://doi.org/10.1007/s00280-015-2821-9)

**Thai CJ, El-Shazly M, Wu TY, Lee KT, Csupor D, Hohmann J, Chang FR, Wu YC**

Clinical Aspects of Aconitum Preparations

PLANTA MEDICA: NATURAL PRODUCTS AND MEDICINAL PLANT RESEARCH 81(12-13) 1017-1028, 2015 doi: [10.1055/s-0035-1546183](https://doi.org/10.1055/s-0035-1546183)

**Unger C, Kiss I, Vasas A, Lajter I et al.**

The germacranolide sesquiterpene lactone neurolenin B of the medicinal plant *Neurolaena lobata* (L.) R.Br.

ex Cass inhibits NPM/ALK-driven cell expansion and NF- $\kappa$ B-driven tumour intravasation

PHYTOMEDICINE 22(9) 862-874, 2015 doi: [10.1016/j.phymed.2015.06.003](https://doi.org/10.1016/j.phymed.2015.06.003)

**Vasas A, Orbán-Gyapai O, Hohmann J**

The Genus *Rumex*: Review of traditional uses, phytochemistry and pharmacology

JOURNAL OF ETHNOPHARMACOLOGY 175, 198-228, 2015 doi: [10.1016/j.jep.2015.09.001](https://doi.org/10.1016/j.jep.2015.09.001)

**Zana A, Hajdú Zs, Jedlinszki N, Máthé I, Dombi Gy, Hohmann J**

Isolation and structural determination of new metabolites from *Artemisia asiatica* roots

TETRAHEDRON 71(29) 4817-4820, 2015 doi: [10.1016/j.tet.2015.05.033](https://doi.org/10.1016/j.tet.2015.05.033)

**Gospodinova Z, Bózsity N, Ocsovszki I, Orbán-Gyapai O, Krasteva M, Zupkó I**

Chloroformic fraction of *Tanacetum vulgare* L. induces cell cycle arrest and apoptosis in MCF7 cells

INTERNATIONAL JOURNAL OF PHARMA SCIENCES 5(2) 986-990, 2015

**Hajdu Zs, Lorántfy L, Jedlinszki N, Boros K, Hohmann J, Csupor D**

Quality control of maca-containing (*Lepidium meyenii* Walp.) dietary supplements

ACTA ALIMENTARIA 44(3) 461-467, 2015 doi: [10.1556/066.2015.44.0018](https://doi.org/10.1556/066.2015.44.0018)