

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, Tólosi 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)

**2014.**

**Haju Zs, Martins A, Orbán-Gyapai O, Forgo P, Jedlinszki N, Máthé I, Hohmann J**

Xanthine Oxidase-Inhibitory Activity and Antioxidant Properties of the Methanol Extract and Flavonoids of *Artemisia Asiatica*.

RECORDS OF NATURAL PRODUCTS 8(3) 299-302, 2014

**Haju Zs, Nicolussi S, Rau M, Lorantfy L, Forgo P, Hohmann J, Csupor D, Gertsch J**

Identification of Endocannabinoid System-Modulating *N*-Alkylamides from *Heliopsis helianthoides*

var. *sc*

*abra*

and

*Lepidium meyenii*

JOURNAL OF NATURAL PRODUCTS 77(7) 1663-1669, 2014, doi: 10.1021/np500292g

**Wan-Chun L, Yang-Chang W, Dankó B, Cheng Y-B, Hsiesh T-J, Martins A, Hohmann J, Hunyadi A, Chang FR**

Bioactive Constituents of *Cirisium japonicum* var. *australe*.

JOURNAL OF NATURAL PRODUCTS 77 1624-1631, 2014, doi: 10.1021/np500233t

**Veres K, Roza O, Laczkó-Zöld E, Hohmann J**

Chemical composition of essential oils of *Grindelia squarrosa* and *G. hirsutula*.

NATURAL PRODUCT COMMUNICATIONS 9(4) 573-574, 2014

**Vasas A, Hohmann J**

*Euphorbia* Diterpenes: Isolation, Structure, Biological Activity, and Synthesis (2008-2012).  
CHEMICAL REVIEWS 114(17) 8579-8612, 2014, doi: 10.1021/cr400541j

**Seres AB, Ducza E, Báthori M, Hunyadi A, Béni Z, Dékány M, Hajagos-Tóth J, Verli J, Gáspár R**

Androgenic effect of honeybee drone milk in castrated rats: roles of methyl palmitate and methyl oleate.

JOURNAL OF ETHNOPHARMACOLOGY 153(2) 446-453, 2014,  
doi: 10.1016/j.jep.2014.02.050

**Orbán-Gyapai O, Raghavan A, Vasas A, Forgo P, Hohmann J, Shah ZA**

Flavonoids Isolated from *Rumex aquaticus* Exhibit Neuroprotective and Neurorestorative Properties by Enhancing Neurite Outgrowth and Synaptophysin.

CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS 13(8) 1458-1564, 2014,  
doi: 10.2174/1871527313666141023154446

**McKinnon R, Binder M, Zupko I, Afonyushkin T, Lajter I, Vasas A, de Martin R, Unger C, Dolznig H, Diaz R, Frisch R, Passreiter CM, Krupitza G, Hohmann J, Kopp B, Bochkov VN,**

Pharmacological insight into the anti-inflammatory activity of sesquiterpene lactone from *Neurolena lobata*

(L.) R.Br. ex Cass.

PHYTOMEDICINE 21(12) 1695-1701, 2014, doi: 10.1016/j.phymed.2014.07.019

**Lai WC, Csábi J, Kele Z, Chang FR, Pascu ML, Gáti T, Simon A, Amaral L, Tóth G, Hunyadi A**

Rapid, Laser-Induced Conversion of 20-Hydroxyecdysone - a Follow-up Study on the Products Obtained.

STEROIDS 89, 56-62, 2014, doi: 10.1016/j.steroids.2014.07.016

**Jedlinszki N, Rédei D, Haller J, Freund TF, Hohmann J, Zupkó I**

Possible role of fat tissue in the pharmacokinetics of dodeca-2E,4E,8Z,10E/Z-tetraenoic acid isobutylamides after oral administration of *Echinacea angustifolia* extract in rats.  
NATURAL PRODUCT COMMUNICATIONS 9(6), 843-845, 2014

**Hunyadi A, Herke I, Veres K, Erdei A, Simon A, Tóth G**

Volatile Glycosides from the Leaves of *Morus alba* with a Potential Contribution to the Complex Anti-diabetic activity.  
NATURAL PRODUCT COMMUNICATIONS 9(2), 145-147, 2014

**Hajdu Zs, Hohmann J, Forgo P, Mathe I, Molnár J, Zupkó I**

Antiproliferative Activity of *Artemisia asiatica* Extract and Its Constituents on Human Tumor Cell Lines.  
PLANTA MEDICA 80(18), 1692-1697, 2014, doi: 10.1055/s-0034-1383146

**Hajdu Zs, Haskó J, Krizbai I, Wilhelm Imola, Jedlinszki N, Fazakas Cs, Molnár J, Forgo P, Hohmann J, Csupor D**

Evaluation of Lignans from *Heliopsis helianthoides* var. *scabra* for Their Potential Antimetastatic Effects in Brain.  
JOURNAL OF NATURAL PRODUCTS 77(12), 2641-2650, 2014, doi: 10.1021/np500508y

**Háznagy Radnai E, Wéber E, Czigle Sz, Berkecz R, Csedő K, Hohmann J**

Identification of Iridoids, Flavonoids and Triterpenes from the Methanolic Extract of *Melampyrum bihariense*  
A. Kern. and the Antioxidant Activity of the Extract.  
CHROMATOGRAPHIA 77(17-18), 1153-1159, 2014, doi: 10.1007/s10337-014-2672-2

**Csupor-Löffler B, Zupko I, Molnar J, Forgo P, Hohmann J**

Bioactivity-guided isolation of antiproliferative compounds from the roots of *Onopordum acanthium*  
NATURAL PRODUCT COMMUNICATIONS 9(3), 337-340, 2014

**Csupor D, Boros K, Jedlinszki N, Hohmann J**

A Validated RP-HPLC-DAD Method for the Determination of L-Theanine in Tea.  
FOOD ANALYTICAL METHODS 7(3), 591-596, 2014, doi: 10.1007/s12161-013-9659-8

**Borcsa B, Fodor L, Csupor D, Forgo P, Molnár A, Hohmann J**

Diterpene Alkaloids from the Roots of *Aconitum moldavicum* and Assessment of Nav 1.2 Sodium Channel Activity of *Aconitum* Alkaloids.

*Aconit*  
alk

PLANTA MEDICA 80(2-3), 231-236, 2014, doi: 10.1055/s-0033-1360278

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

Investigation of the antiproliferative activity of some higher macrofungi.  
CHEMICKE LISTY 108, 144-145, 2014

**Lajter I, Vasas A, Beni Z, Forgo P, Binder M, Bochkov V, Zupko I, Krupitza G, Frisch R, Kopp B, Hohmann J**

Sesquiterpenes from *Neurolaena lobata* and Their Antiproliferative and Anti-inflammatory Activities.

JOURNAL OF NATURAL PRODUCTS 77(3) 576-582, doi: 10.1021/np400834c.

**Hunyadi A, Martins A, Danko B, Chang FR, Wu YC**

Protoflavones: a class of unusual flavonoids as promising novel anticancer agents  
PHYTOCHEM REV 13(1) 69-77, 2014, doi: 10.1007/s11101-013-9288-2

**2013.**

**Csupor Dezső, Boros Klára, Hohmann Judit**

Low potency homeopathic remedies and allopathic herbal medicines: is there an overlap?  
PLOS ONE 8(9): e74181. doi:10.1371/journal.pone.0074181, 2013

**Hunyadi A, Martins A, Danko B, Chuang D-W, Trouillas P, Chang F-R, Wu Y-C, Falkay G**

Discovery of the first non-planar flavonoid that can strongly inhibit xanthine oxidase:



protoapigenone 1-O-propargyl ether  
TETRAHEDRON LETT 54 6529-6532, 2013

**Hunyadi A, Veres K, Danko B, Kele Z, Weber E, Hetenyi A, Zupko I, Hsieh TJ**  
In vitro Anti-diabetic Activity and Chemical Characterization of an Apolar Fraction of Morus alba Leaf Water Extract  
PHYTOTHER RES 27 847-851, 2013

**Galbács G, Jedlinszki N, Metzinger A**  
Analysis and discrimination of soldering tin samples by collinear multi-pulse laser induced breakdown spectrometry, supported by inductively coupled plasma  
MICROCHEM J 107 17-24, 2013

**Hunyadi A, Liktör-Busa E, Márki Á, Martins A, Jedlinszki N, Hsieh TJ, Báthori M, Hohmann J, Zupkó I**  
Metabolic effects of mulberry leaves - exploring potential benefits in type 2 diabetes and hyperuricemia  
EVID-BASED COMPL ALT 2013 Article ID 948627, <http://dx.doi.org/10.1155/2013/948627>, 2013

**Janicsák Gábor, Háznagy-Radnai Erzsébet, Engel Rita, Blunden Gerald, Máthé Imre**  
TLC-densitometry of rosmarinic and caffeic acids in the evaluation of Lamiaceae species growing in Central Europe  
J PLANAR CHROMATOGR MOD TLC 26 132-136, 2013

**Kiss Tivadar, Orvos Péter, Bánsághi Száva, Forgo Peter, Jedlinszki Nikoletta, Tólosi László, Hohmann Judit, Csupor Dezső**  
Identification of diterpene alkaloids from Aconitum napellus subsp. firmum and GIRK channel activities of some Aconitum alkaloids  
FITOTERAPIA 90 85-93, 2013

**Lajter I, Zupko I, Molnar J, Jakab G, Balogh L, Vasas A, Hohmann J**  
Antiproliferative Activity of Polygonaceae Species from the Carpathian Basin against Human Cancer Cell Lines

PHYTOTHER RES 27 77-85, 2013

**Lajter I, Vasas A, Orvos P, Bánsághi S, Tálosi L, Jakab G, Béni Z, Háda V, Forgo P, Hohmann J**

Inhibition of G Protein-Activated Inwardly Rectifying K<sup>+</sup> Channels by Extracts of Polygonum persicaria and Isolation of New Flavonoids from the Chloroform Extract of the Herb  
PLANTA MED 79 1736-1741, 2013

**Martins A, Hunyadi A, Amaral L**

Mechanisms of resistance in bacteria: An evolutionary approach  
OPEN MICROBIOL J  
7 53-58, 2013

**Martins A, Csábi J, Balázs A, Kitka D, Leonard A, Molnár J, Simon A, Tóth G, Hunyadi A**

Synthesis and Structure-Activity Relationships of Novel Ecdysteroid Dioxolanes as MDR Modulators in Cancer  
MOLECULES 18 15255-15275, 2013

**Poór Miklós, Li Yin, Kunsági-Máté Sándor, Varga Zsófia, Hunyadi Attila, Dankó Balázs, Chang Fang-Rong, Wu Yang-Chang, Kőszegi Tamás**

Protoapigenone derivatives: albumin binding properties and effects on HepG2 cells  
J PHOTOCH PHOTOBIO B 124 20-26, 2013

**Alexandru T, Armada A, Dankó B, Hunyadi A, Militaru A, Boni M, Nastasa V, Martins A, Viveiros M, Pascu ML, Molnár J, Amaral L**

Biological Evaluation of Products Formed from the Irradiation of Chlorpromazine with a 266 nm Laser Beam  
BIOCHEM PHARMACOL 2:109. doi:10.4172/2167-0501.1000109, 2013

**Amaral L, Martins A, Spengler G, Hunyadi A, Molnar J**

The Mechanism by which the Phenothiazine Thioridazine Contributes to Cure Problematic Drug-Resistant Forms of Pulmonary Tuberculosis: Recent Patents for "New Use"  
RECENT PATENTS ANTIINFECT DRUG DISCOV online 1-, 2013

**Armada AM, Alexandru T, Machado D, Danko B, Hunyadi A, Dinache A, Nastasa V, Boni M, Ramos J, Viveiros M, Molnar J, Pascu ML, Amaral L**

The In Vitro Activity of Products Formed from Exposure of Chlorpromazine to a 266nm LASER Beam Against Species of Mycobacteria of Human Interest

IN VIVO 27 605-610, 2013

**Balázs Attila, Hunyadi Attila, Csábi József, Jedlinszki Nikoletta, Martins Ana, Simon András, Tóth Gábor**

<sup>1</sup>H and <sup>13</sup>C NMR investigation of 20-hydroxyecdysone dioxolane derivatives, a novel group of MDR modulator agents

MAGN RESON CHEM 51 830-836, 2013

**Bishayee A, Thoppil RJ, Mandal A, Darvesh AS, Ohanyan V, Meszaros JG, Haznagy-Radnai E, Hohmann J, Bhatia D**

Black currant phytoconstituents exert chemoprevention of diethylnitrosamine-initiated hepatocarcinogenesis by suppression of the inflammatory response

MOL CARCINOGEN 52 304-317, 2013

**Csankó K, Forgo P, Boros K, Hohmann J, Sipos P, Palinko I**

Conformational properties of a pyridyl-substituted cinnamic acid studied by NMR measurements and computations

J MOL STRUCT 1044 286-289, 2013

**Csupor D, Boros K, Jedlinszki N, Hohmann J**

A Validated RP-HPLC-DAD Method for the Determination of L-Theanine in Tea

FOOD ANAL METHOD 6 1-6, 2013

**Csupor Dezső, Widowitz Ute, Blazsó Gábor, Laczkó-Zöld Eszter, Tatsimo Joel S. N., Balogh Ágnes, Boros Klára, Danko Balázs, Bauer Rudolf, Hohmann Judit**

Anti-inflammatory activities of eleven Centaurea species occurring in the Carpathian basin

PHYTOTHER RES 27 540-544, 2013

**Csupor Dezső, Boros Klára, Dankó Balázs, Veres Katalin, Szendrei Kálmán, Hohmann Judit**

Rapid identification of sibutramine in dietary supplements using a stepwise approach  
PHARMAZIE 68 15-18, 2013

**Czige S, Haznagy-Radnai E, Pintye-Hodi K, Toth J, Tekel'ova D, Mathe I**

Elemental Analysis of Ginkgo biloba Leaf Samples Collected during One Vegetation Period  
NATURAL PRODUCT COMMUNICATIONS 8 1153-1154, 2013

**Molnár J, Ocsovszki I, Puskás L, Ghane T, Hohmann J, Zupkó I**

Investigation of the antiproliferative action of the quinoline alkaloids kokusaginine and skimmianine on human cell lines  
CURR SIGNAL TRANSDUCT THER 8 148-155, 2013

**Pascu ML, Dankó B, Martins A, Jedlinszki N, Alexandru T, Nastasa V, Boni M, Militaru A, Andrei IR, Staicu A, Hunyadi A, Fanning S, Amaral L**

Exposure of chlorpromazine to 266nm laser beam generates new species with antibacterial properties: Contributions to a new process for drug discovery  
PLOS ONE 8 ?-?, 2013

**Roza O, Lovász N, Zupkó I, Hohmann J, Csupor D**

Sympathomimetic activity of a Hoodia gordonii product: a possible mechanism of cardiovascular side effects  
BIOMED RES INT 2013 ?-?, 2013

**Seres AB, Ducza E, Bathori M, Hunyadi A, Beni Z, Dekany M, Gaspar R**

Raw drone milk of honeybee elicits uterotrophic effect in rat: evidence for estrogenic activity  
J MED FOOD 16 404-409, 2013

**Tokuda H, Maoka T, Suzuiki N, Hohmann J, Vasas A, Engi H, Mucsi I, Olszewski U, Hamilton G, Amaral L, Molnar J**

Effects of two disiloxanes ALIS-409 and ALIS-421 on chemoprevention in model experiments  
ANTICANCER RES 33 2021-2027, 2013

**2012.**

**Vasas, A., Rédei, D., Csupor, D., Molnár, J., Hohmann, J.**

Diterpenes from European Euphorbia species serving as a new prototype for natural product-based drug discovery

*European Journal of Organic Chemistry* 5115-5130 (2012)

**Gopalan, A., Reuben, S. C., Ahmed, S., Darvesh, A. S., Hohmann J., Bishayee, A.**

The health benefits of black currants

*Food & Function* 3, 795-809 (2012)

**Háznagy-Radnai, E., Wéber, E., Czigle, S., Máthé, I.**

Identification of triterpenes from milkweed (*Asclepias syriaca*)

*Natural Product Communications* 7, 1147-1148, (2012)

**Rédei, D., Forgo, P., Molnár, J., Szabó, P., Tumur, Z., Hohmann, J.**

Jatrophone diterpenoids with multidrug resistance-modulating activity from *Euphorbia mongolica* Prokh.

*Tetrahedron* 68, 8403-8407 (2012)

**Thoppil, R. J, Bhatia, D., Barnes, K. F., Háznagy-Radnai, E., Hohmann, J., Darvesh, A. S., Bishayee, A.**

Black currant anthocyanins abrogate oxidative stress through Nrf2-mediated antioxidant mechanisms in a rat model of hepatocellular carcinoma.

*Current Cancer Drug Targets* 12, 1244-1257 (2012)

**Csupor, D., Boros, K., Hunyadi, A., Veres, K., Hohmann, J.**

Validation of a densitometric method for the determination of theanine in tea extracts using CP

atlas software

*Journal of Planar Chromatography* 25, 571-574 (2012)

**Hunyadi A, Martins A, Hsieh TJ, Seres A, Zupko I. C**

Chlorogenic Acid and Rutin Play a Major Role in the in vivo Anti-diabetic Activity of *Morus Alba* Leaf Extract on Type II Diabetic Rats.

PLoS ONE doi: 10.1371/journal.pone.0050619 (2012)

**Plánder Sz, Gontaru L, Blazics B, Veres K, Kéry Á, Kareth S, Simándi B**

Major antioxidant constituents from *Satureja hortensis* L. extracts obtained with different solvents

*Eur. J. Lipid Sci. Technol.* 2012; 114: 772-779.

**Hajdu Zs, Hohmann J**

An ethnopharmacological survey of the traditional medicine utilized in the community of Porvenir, Bajo Paragua Indian Reservation, Bolivia

*J Ethnopharmacol* 2012; 139: 838-857.

**Kirmizibekmez H, Altan HB, Liktör-Busa E, Zana A, Yesilada E, Hohmann J**

Chemical constituents of *Salvia dichroantha*

*Biochem. Sys. Ecol.* 2012; 42: 18-20.

**Veres K, Csupor-Löffler B, Lázár A, Hohmann J**

Antifungal activity and composition of essential oils of *Conyza canadensis* herbs and roots

*The Scientific World Journal* 2012, Article ID 489646, 5 pages doi:10.1100/2012/489646

**Ványolós A, Béni Z, Dékány M, Simon A, Báthori M**

Novel Ecdysteroids from *Serratula wolffii*

*The Scientific World Journal* 2012, Article ID 651275, 5 pages doi:10.1100/2012/651275

**Háznagy-Radnai E, Balogh Á, Czigle Sz, Máthé I, Hohmann J, Blazsó G**

Antiinflammatory Activities of Hungarian *Stachys* species and Their Iridoids

*Phytother. Res.* 2012; 26: 506-509.

**Cossuta D, Vatai T, Báthori M, Hohmann J, Keve T, Simándi B**

Extraction of Hyperforin and Hypericin from St. John's Wort (*Hypericum perforatum* L.) with Different Solvents

*Journal of Food Process Engineering* 2012; 35: 222-235.

**Danko B, Martins A, Chuang DW, Wang HC, Amaral L, Molnar J, Chang FR, Wu YC, Hunyadi A.**

Cytotoxic activity of novel protoflavone analogs – selectivity towards a multidrug resistant cancer cell line. *Anticancer Res* 32: 2863-2870 (2012)

**Martins A., Tóth N., Ványolós, A., Béni Z., Zupkó I., Molnár J., Báthori M., Hunyadi A.**

Significant activity of ecdysteroids on the resistance to doxorubicin in mammalian cancer cells expressing the human ABCB1 transporter

*J. Med. Chem.* 55: 5034-5043 (2012)

**Forgo, P., Zupkó, I., Molnár, J., Vasas, A., Dombi, G., Hohmann, J.**

Bioactivity-guided isolation of antiproliferative compounds from *Centaurea jacea* L.

*Fitoterapia* 2012; 83: 921-925.

**Wang H.C., Lee A.Y., Chou W.C., Wu C.C., Tseng C.N., Liu K.Y., Lin W.L., Chang F.R., Chuang D.W., Hunyadi A., Wu Y.C.**

Inhibition of ATR-dependent signaling by protoapigenone and its derivative sensitizes cancer cells to interstrand cross-link-generating agents *in vitro* and *in vivo*

*Mol. Cancer Ther.* 11: 1443-1453 (2012)

**Simplice Joel Tatsimo Ndendoung, Jean De Dieu Tamokou, Leopold Havyarimana, Dezso Csupor, Peter Forgo, Hohmann Judit, Jules Roger Kuate, Tane Pierre**

Antimicrobial and antioxidant activity of kaempferol rhamnoside derivatives from *Bryophyllum pinnatum*

*BMC Research Notes* 2012, 5:158 doi:10.1186/1756-0500-5-158

**Hunyadi, A., Dankó, B., Boni, M., Militaru, A., Alexandru, T., Nastasa, V., Andrei, I.R., Pascu, M., Amaral, L.**

Rapid, Laser-Induced Concersion of 20-Hydroxyecdysone and Its Diacetonide – Experimental Set-up of a System for Photochemical Transformation of Bioactive Substances  
*Anticancer Res.* 32(4): 1291-1297 (2012)

**Könczöl, Á., Béni, Z., Meszlényi Sipos, M., Rill, A., Háda, V., Hohmann, J., Máthé, I., Szántay, C. Jr., Keserű, Gy. M., Balogh, G. T.**

Antioxidant activity-guided phytochemical investigation of *Artemisia gmelinii* Webb. ex Stechm.: Isolation and spectroscopic challenges of 3,5-O-dicaffeoyl (epi?) quinic acid and its ethyl ester  
*J. Pharm. Biomed. Anal.* 59, 83-89 (2012)

**Vasas, A., Sulyok, E., Martins, A., Rédei, D., Forgo, P., Kele, Z., Zupkó, I., Molnár, J., Pinke, G., Hohmann, J.**

Cyclomyrsinane and premyrsinane diterpenes from *Euphorbia falcata* modulate resistance of cancer cells to doxorubicin  
*Tetrahedron* 68, 1280-1285 (2012)

**Ahmed, A. A. E. Marki, A., Gaspar, R., Vasas, A., Mudawi, M. M. E., Jojart, B., Minorics, R., Hohmann, J., Falkay, G.**

*In silico* and *in vitro* pharmacological investigations of a natural alkaloid  
*Med. Chem. Res.* 2012; 21: 4100-4107

□

2011.

**Ahmed, Aimun A. E. - Márki Árpád - Gáspár Róbert - Vasas Andrea – Mudawi, M.M.E. - Verli Judit - Jójárt Balázs - Hohmann Judit - Falkay György**

Alpha-Adrenergic activity of 6-methoxykaempferol-3-O-glucoside on rat uterus: In vitro and in silico studies

*Eur. J. Pharmacol.* 667, 348-354, 2011



**Bishayee, Anupam - Mbimba, Thomas - Thoppil, Roslin J. - Háznagy-Radnai Erzsébet - Sipos Péter - Darvesh, Altaf S. - Folkesson, Hans G. - Hohmann Judit**

Anthocyanin-rich black currant (*Ribes nigrum* L.) extract affords chemoprevention against diethylnitrosamine-induced hepatocellular carcinogenesis in rats

J. Nutr. Biochem. 22, 1035-1046, 2011

**Borcsa Botond - Csupor Dezső - Forgo Peter - Widowitz, Ute - Bauer, Rudolf - Hohmann Judit**

Aconitum lipo-alkaloids – Semisynthetic products of the traditional medicine

Nat. Prod Commun. 6, 527-536, 2011

**Borcsa Botond - Widowitz, Ute - Csupor Dezső - Forgo Peter - Bauer, Rudolf - Hohmann Judit**

Semisynthesis and pharmacological investigation of lipo-alkaloids prepared from aconitine

Fitoterapia 82, 365-368, 2011

**Csupor Dezső - Borcsa Botond – Heydel, Barbara - Hohmann Judit - Zupkó István – Ma, Yan – Widowitz, Ute – Bauer, Rudolf**

Comparison of a specific HPLC determination of toxic aconite alkaloids in processed *Radix aconiti* with a titration method of total alkaloids

Pharm. Biol. 49, 1097-1101, 2011

**Csupor-Löffler Boglárka - Hajdú Zsuzsanna - Zupkó István - Molnár József - Forgo Peter - Vasas Andrea - Kele Zoltán - Hohmann Judit**

Antiproliferative constituents of the roots of *Conyza canadensis*

Planta Med. 77, 1183-1188, 2011

**Forgo Peter - Borcsa Botond - Csupor Dezső - Fodor László, Berkecz Róbert - Molnár V. Attila - Hohmann Judit**

Diterpene alkaloids from *Aconitum anthora* and assessment of the hERG-inhibiting ability of Aconitum alkaloids

Planta Med. 77, 368-373, 2011

**Forgo Peter - Rédei Dóra - Hajdu Zsanett - Szabó Pál - Szabó László - Hohmann Judit**

Unusual tiglic diene diterpenes from *Euphorbia grandicornis*  
J. Nat. Prod. 74, 639-643, 2011

**Hohmann Judit - Rédei Dóra - Forgo Peter - Szabó Pál - Freund Tamás F. - Haller József - Bojnik, Engin - Benyhe Sándor**

Alkamides and a neolignan from *Echinacea purpurea* roots and the interaction of alkamides with G-protein-coupled cannabinoid receptors  
Phytochemistry 72, 1848-1853, 2011

**Hunyadi Attila - Chuang, Da-Wei - Dankó Balázs - Chiang, Michael Y. - Lee, Chia-Lin – Wang, Hui-Chun - Wu, Chin-Chung - Chang, Fang-Rong - Wu, Yang-Chang**

Direct semi-synthesis of the anticancer lead-drug protoapigenone from apigenin, and synthesis of further new cytotoxic protoflavone derivatives  
PLoS ONE 6, e23922, 2011

**Janicsák Gábor - Zupkó István - Nikolova, MT - Forgo Peter - Vasas Andrea - Máthé Imre - Blunden, Gerald – Hohmann Judit**

Bioactivity-guided study of antiproliferative activities of *Salvia* extracts  
Nat. Prod. Comm. 6, 575-579, 2011

**London Annamária - Veres Katalin - Szabó Krisztina - Háznagy-Radnai Erzsébet - Máthé Imre**

Analysis of the essential oil of *Amsonia illustris*  
Nat. Prod. Commun. 6, 235-236, 2011

**Martins, Ana - Vasas Andrea - Vieiros, Miguel - Molnár Jozsef - Hohmann Judit - Amaral, Leonard**

Antibacterial properties of compounds isolated from *Carpobrotus edulis*  
Int. J. Antimicrob. Ag. 37, 438-444, 2011

**Martins, Ana – Machado, Lisa – Costa, Susana – Cerca, Pedro – Spengler, Gabriella – Viveiros, Miguel – Amaral, Leonard**

Role of calcium in the efflux system of *Escherichia coli*  
Int. J. Antimicrob. Ag. 37, 410-414, 2011

**Ndonsta, Blanche L. – Tatsimo, Joel S.N. - Csupor Dezső - Forgo Peter - Berkecz Robert - Berényi Ágnes – Tene, Mathieu - Molnár Judit - Zupkó István - Hohmann Judit – Tane, Pierre**

Alkylbenzoquinones with antiproliferative effect against human cancer cell lines from stem of *Ardisia kivuensis*

Phytochem. Lett. 4, 227-230, 2011

**Simon András – Ványolós Attila – Béni Zoltán – Dékány Miklós – Tóth Gábor – Báthori Mária**

Ecdysteroids from *Polypodium vulgare* L.

Steroids 76, 1419-1424, 2011

**Sulyok Edvárd - Vasas Andrea – Rédei Dóra - Forgo Peter, Kele Zoltán, Pinke Gyula, Hohmann Judit**

New premyrsinane-type diterpene polyesters from *Euphorbia falcata*

Tetrahedron 67, 7289-7293, 2011

**Takács Daniella – Cerca, Pedro – Martins, Ana - Riedl Zsuzsanna - Hajós György - Molnár József – Viveiros, Miguel – Couto, Isabel – Amaral, Leonard**

Evaluation of forty new phenothiazine derivatives for activity against intrinsic efflux pump systems of reference *Escherichia coli*, *Salmonella Enteritidis*, *Enterococcus faecalis* and *Staphylococcus aureus* strains

In Vivo 25, 719-724, 2011

**Tung, Chao-Ping - Chang, Fang-Rong - Wu, Yang-Chang - Chuang, Da-Wei - Hunyadi Attila - Liu, Shih-Tung**

Inhibition of the Epstein-Barr virus lytic cycle by protoapigenone

J. Gen. Virol. 92, 1760-1768, 2011

**Vasas Andrea - Hohmann Judit**

Xanthane sesquiterpenoids: structure, synthesis and biological activity

Nat. Prod. Rep. 28, 824-842, 2011

**Vasas Andrea - Sulyok Edvárd - Rédei Dóra - Forgo Peter - Szabó Pál - Zupkó István - Berényi Ágnes - Molnár József - Hohmann Judit**

Jatrophone diterpenes from *Euphorbia esula* as antiproliferative agents and potent chemosensitizers to overcome multidrug resistance

J. Nat. Prod. 74, 1453-1461, 2011

□

**2010.**

**Máthé Imre - Máthé Ákos - Hohmann Judit - Janicsák Gábor**

Volatile and some non-volatile chemical constituents of Mediterranean *Salvia* species beyond their native area

Israel Journal of Plant Sciences 58; 273-277, 2010

**Aimun Abdelgaffar Elhassan Ahmed - Gáspár Róbert - Márki Árpád - Vasas Andrea - Mahmoud Mudawi Eltahir Mudawi - Hohmann Judit - Falkay György**

Uterus-Relaxing Study of a Sudanese Herb (El-Hazha)

American Journal of Biochemistry and Biotechnology 6; 231-238, 2010.

**Bishayee, Anupam - Háznagy-Radnai Erzsébet - Mbimba, Thomas - Sipos Péter - Morazzoni, Paolo - Darvesh Altaf S. - Bhatia, Deepak - Hohmann Judit**

Anthocyanin-rich black currant extract suppress the growth of human hepatocellular carcinoma cells

Nat. Prod. Commun. 5; 1613-1618, 2010.

**Blunden, Gerald - Morse, Peter F. - Máthé Imre - Hohmann Judit - Critchley, Alan T. - Morrell, Stephen**

Betaine yields from marine algal species utilized in the preparation of seaweed extracts used in agriculture

Nat. Prod. Commun. 5; 581-585, 2010.

**Csapi Bence - Hajdú Zsuzsanna - Zupkó István - Berényi Ágnes - Forgo Peter - Szabó Pál - Hohmann Judit**

Bioactivity-guided isolation of antiproliferative compounds from *Centaurea arenaria*  
Phytother. Res. 24, 1664-1669, 2010.

**Csupor Dezső - Blaszó Gábor - Balogh Ágnes - Hohmann Judit**

The traditional Hungarian medicinal plant *Centaurea sadleriana* Janka accelerates wound healing in rats  
J. Ethnopharmacol. 127; 193-195, 2010.

**Hajdú Zsuzsanna - Zupkó István - Réthy Borbála - Forgo Peter - Hohmann Judit**

Bioactivity-guided isolation of cytotoxic sesquiterpenes and flavonoids from *Anthemis ruthenica* L.  
Planta Med. 76; 94-96, 2010.

**Haller József -Hohmann Judit - Tamás F. Freund**

The effect of Echinacea preparations in three laboratory tests of anxiety: comparison with chlordiazepoxide  
Phytother. Res. 24; 1605-1613, 2010.

**Hasmah, Abdullah - Azimahtol Hawariah, Lope Pihie - Hohmann Judit - Molnár József**

A natural compound from *Hydnophytum formicarium* induce apoptosis of MCF-7 cell proliferation via up-regulation of Bax  
Cancer Cell International 10; 14-20, 2010.

**Janicsák Gábor - Zupkó István - Máthé Imre - Hohmann Judit**

Comparative study of the antioxidant activities of eleven *Salvia* species  
Nat. Prod. Commun. 5; 227-230, 2010.

**Martins, Ana - Vasas Andrea - Schelz Zsuzsanna - Viveiros, Miguel - Molnár József -**

**Hohmann Judit - Amaral, Leonard**

Constituents of *Carpobrotus edulis* inhibit P.glycoprotein of mDR1-transfected mouse lymphoma cells

Anticancer Res. 30; 829-836, 2010.

**Molnár József - Engi Helga - Hohmann Judit - Molnár Péter - Deli József - Wesolowska, O., Michalak, K., Wang, Q.**

Reversal of multidrug resistance by natural substances from plants

Curr. Top.Med. Chem. 10; 1757-1768, 2010.

**Szabó Mira Ágnes - Varga Gábor Zoltán - Hohmann Judit - Schelz Zsuzsanna - Szegedi Ernő - Amaral, Leonard - Molnár József**

Inhibition of quorum-sensing signals by essential oils (p n/a)

Phytother. Res. 24; 782-786, 2010.

**Takács Mária - Simon András - Liktör-Busa Erika - Báthori Mária - Zsila Ferenc - Bikádi Zsolt - Horváth Péter - Veress Gábor - Gergely András - Tóth Gábor**

Structure and stereochemistry of novel ecdysteroids from the roots of *Serratula wolffii*

Magn. Reson. Chem. 48; 386-391, 2010.

**Tóth Noémi - Hunyadi Attila - Báthori Mária - Zádor Ernő**

Phytoecdysteroids and vitamin D analogues – Similarities in structure and mode of action

Curr. Med. Chem. 17; 1974-1994, 2010.

**2009.**

Csupor Dezső - Wenzig, E. M. - Zupkó I. - Wölkart, K. - Hohmann Judit - Bauer, R.  
Qualitative and quantitative analysis of aconitine-type and lipo-alkaloids of *Aconitum carmichaelii*

roots

J. Chromatogr. A 1216; 2079-2086, 2009.

Csupor-Löffler Boglárka - Hajdú Zsuzsanna - Réthy B. - Zupkó I. - Máthé Imre - Rédei T. - Falkay Gy. - Hohmann Judit  
Antiproliferative activity of Hungarian Asteraceae species against human cancer cell lines. Part II.  
Phytother. Res. 23; 1109-1115, 2009.

Csupor-Löffler Boglárka - Hajdú Zsuzsanna - Zupkó I. - Réthy B. - Falkay Gy.- Forgó Péter - Hohmann Judit  
Antiproliferative effect of flavonoids and sesquiterpenoids from *Achillea millefolium* s.l. on cultured human tumour cell lines  
Phytother. Res. 23; 672-676, 2009.

Gyuris Á. - Szilávik L. - Minárovits J. - Vasas Andrea - Molnár J. - Hohmann Judit  
Antiviral activities of extracts of *Euphorbia hirta* L. against HIV-1, HIV-2 and SIV<sub>mac251</sub>  
In Vivo 23; 429-432, 2009.

Hasmah A. - Azimahtol Hawariah, L. P. - Hohmann Judit  
Release of cytochrome c in MCF-7 cells treated with 7,3',5'-trihydroxyflavanone of *Hydrophytum formicarium*  
Biomed. Pharmacol. J. 2; 1-6, 2009.

Kovács Adriána - Vasas Andrea - Forgó Péter - Réthy B. - Zupkó I. - Hohmann Judit  
Xanthanolides with antitumour activity from *Xanthium italicum*  
Z. Naturforsch. [C] 64; 343-349, 2009.

Simon A. - Tóth Noémi - Tóth G. - Kele Z. - Groska J. - Báthori Mária  
Ecdysteroids from *Silene viridiflora*  
Helv. Chim. Acta 92; 753-761, 2009.

Sulyok Edvárd - Vasas Andrea - Rédei Dóra - Dombi Gy.- Hohmann Judit  
Isolation and structure determination of new 4,12-dideoxyphorbol esters from *Euphorbia pannonica* Host.

Tetrahedron 65; 4013-4016, 2009.

Tóth Enikő - Janicsák G. - Máthé Imre - Blunden, G.  
Determination of phenylpropanoids in three *Ballota* species  
JPC - J. Planar. Chromat. 22; 293-296, 2009.

Ványolós Attila - Simon A. - Tóth G. - Polgár L. - Kele Z. - Ilku A. - Mátyus P. - Báthori Mária  
C-29 ecdysteroids from *Ajuga reptans* var. *reptans*  
J. Nat. Prod. 72; 929-932, 2009.

Zupkó I. - Réthy B. - Hohmann Judit - Molnár J. - Ocsovszki I. - Falkay Gy.  
Antitumor activity of alkaloids derived from *Amaryllidaceae* species  
In Vivo 23; 41-48, 2009.

## **2008.**

Báthori Mária - Tóth Noémi - Hunyadi Attila - Márki Á. - Zádor E.  
Phytoecdysteroids and anabolic-androgenic steroids - structure and effects on humans  
Curr Med Chem. 15; 75-91, 2008.

Cossuta D. - Simándi B. - Vági E. - Hohmann Judit - Prechl A - Lemberkovics É. - Kéry Á. -  
Keve T.  
Supercritical fluid extraction of *Vitex agnus castus* fruit  
J. Supercrit. Fluid. 47; 188-194, 2008.

Csupor Dezső - Forgo Péter - Wenzig E. M. - Bauer R. - Hohmann Judit  
Bisnorditerpene, norditerpene, and lipo-alkaloids from *Aconitum toxicum*  
J. Nat. Prod. 71; 1779-1782, 2008.



Engi H. - Hohmann Judit - Gang, G. - Pusztai R. - Rédei Dóra - Kovács O. - Schelz Zs. - Molnár J.

Chemoprevention and inhibition of P-glycoprotein in cancer cells by Chinese medicinal herbs  
Phytotherapy Res. 22;1671-1676, 2008.

Háznagy-Radnai Erzsébet - Réthy B. - Czige Sz. - Zupkó I. - Wéber E. - Martinek T. - Falkay Gy. - Máthé Imre

Cytotoxic activities of *Stachys* species  
Fitoterapia 79; 595-597; 2008.

Hunyadi Attila - Kalász H. - Báthori Mária

Dynamic on-column eluent modification: a novel strategy for peak resolution enhancement.  
Application to the preparative separation of ecdysteroid isomers  
Chromatographia 67; 767-772, 2008.

Kovács Adriána - Vasas Andrea - Hohmann Judit

Natural phenanthrenes and their biological activity  
Phytochemistry 69;1084-1110, 2008.

Liktor-Busa Erika - Simon A. - Tóth G. - Báthori Mária

The first two ecdysteroids containing a furan ring from *Serratula wolffii*  
Tetrahedron Lett. 49; 1738-1740, 2008.

Pusztai R. - Hohmann Judit - Rédei Dóra - Engi H. - Molnár J.

Inhibition of human cytomegalovirus IE gene expression by dihydro- $\beta$ -agarofuran sesquiterpenes isolated from *Euonymus* species  
In Vivo 22; 787-792, 2008.

Réthy B. - Hohmann Judit - Minorics R. - Varga A. - Ocsovszki I. - Molnár J. - Juhász K. - Falkay G. - Zupkó I.

Antitumour properties of acridone alkaloids on a murine lymphoma cell line  
Anticancer Res. 28; 2737-2744, 2008.

Simon A. - Liktör-Busa Erika - Tóth G. - Kele Z. - Groska J. - Báthori Mária  
Additional minor phytoecdysteroids of *Serratula wolffii*  
Helv. Chim. Acta. 91; 1640-1645, 2008.

Tóth Noémi - Báthori Mária  
Preparative-scale chromatography of ecdysteroids: a class of biologically active steroids.  
J. Chromatogr. Sci. 46;111-116, 2008.

Tóth Noémi - Simon A. - Tóth G. - Kele Z. - Hunyadi Attila - Báthori Mária  
26-Hydroxylated ecdysteroids from *Silene viridiflora*  
J. Nat. Prod. 71; 1461-1463, 2008.

Tóth Noémi - Szabó A. - Kacsala P. - Héger J. - Zádor E.  
20-Hydroxyecdysone increases fiber size in a muscle-specific fashion in rat  
Phytomedicine 15; 691-698, 2008.

Ványolós Attila - Báthori Mária  
New perspectives in the analysis of ecdysteroids: a promising group of biologically active compounds  
Curr. Pharm. Anal. 4; 162-175, 2008.

## **2007.**

Cossuta D. – Simándi B. – Hohmann Judit – Doleschall F. – Keve T.  
Supercritical carbon dioxide extraction of sea buckthorn (*Hippophae rhamnoides* L.) pomace  
J. Sci. Food. Agric. 87; 2472-2481, 2007

Czigle S. – Háznagy-Radnai Erzsébet –Tóth J. – Máthé Imre – Grančai D.  
Rosmarinic acid in the genus *Stachys* L.  
Rev. Med. Farm. 53; 343-346, 2007.

Csupor Dezső – Forgo P. –Zupkó I. – Szabó P. – Hohmann Judit  
Anthranoyl-substituted norditerpene alkaloids from *Aconitum vulparia* Rchb. and their cytotoxic activities  
Z. Naturforsch. [B]62; 135-141, 2007

Engi H. – Vasas Andrea – Rédei Dóra – Molnár J. – Hohmann Judit  
New MDR modulators and apoptosis inducers from Euphorbia species  
Anticancer Res. 27; 3451-3458, 2007

Hajdú Zsuzsanna – Hohmann Judit – Forgo P. – Martinek T. – Dervarics M. – Zupkó I. – Falkay Gy. – Cossuta D. – Máthé Imre  
Diterpenoids and flavonoids from the fruits of *Vitex agnus-castus* and antioxidant activity of the fruit extracts and their constituents  
Phytother. Res. 21; 391-394, 2007

Háznagy-Radnai Erzsébet – Czigle, S. – Máthé Imre  
TLC and GC analysis of the essential oils of *Stachys* species  
J. Planar Chromatogr. 20; 189-196, 2007

Háznagy-Radnai Erzsébet –Czigle S. – Máthé Imre  
Analysis of the essential oil of downy woundwort (*Stachys germanica* L.)  
Acta Facult. Pharm. Univ. Comenianae 54; 78-83, 2007

Hunyadi Attila – Gergely A. – Simon A. – Tóth G. – Veress G. – Báthori Mária  
Preparative-scale chromatography of ecdysteroids of *Serratula wolffii* Andrae  
J. Chromatogr. Sci. 45; 76-86, 2007

Janicsák G. – Tóth Enikő – Máthé Imre

TLC-densitometric investigations of phenylpropanoid glycosides in black horehound (*Ballota nigra* L.)  
J. Planar Chromatogr. 20; 443-446, 2007

Kovács Adriána – Forgo P. – Zupkó I. – Réthy B. – Falkay Gy. – Szabó P. – Hohmann, Judit  
Phenanthrenes and a dihydrophenanthrene from *Tamus communis* and their cytotoxic activity  
Phytochemistry 68; 687-691, 2007

Laufer R. – Báthori Mária – Csermely T. – Petroianu, G. – Kuca K. – Tóth Noémi – Kalász, H.  
TLC determination of hydrophilicity parameter of some pyridinium aldoximes  
J. Liq. Chromatogr. Rel. Technol. 30; 2337-2344, 2007

Liktor-Busa Erika – Simon A. – Tóth G. – Fekete G. – Kele Z. – Báthori M.  
Ecdysteroids from *Serratula wolffii* roots  
J. Nat. Prod. 70; 884-886, 2007

Réthy B. – Csupor-Löffler Boglárka – Zupkó I. – Hajdú Zsuzsanna – Máthé Imre – Hohmann Judit – Rédei T. – Falkay G.  
Antiproliferative activity of Hungarian Asteraceae species against human cancer cell lines. Part I  
Phytother. Res. 21; 1200-1208, 2007

Réthy B. – Zupkó I. – Minorics R. – Hohmann Judit – Ocsovszki I. – Falkay Gy.  
Investigation of cytotoxic activity on human cancer cell lines of arborinine and furanoacridones isolated from *Ruta graveolens*  
Planta Med. 73; 41-48, 2007

Simon A. – Tóth G. – Liktor-Busa Erika – Kele Z. – Takács M. – Gergely A. – Báthori, Mária  
Three new steroids from the roots of *Serratula wolffii*  
Steroids 72; 751-755, 2007

Tóth Enikő – Tóth G. – Máthé Imre – Blunden, G.  
Martynoside, forsythoside B, ladanein and 7 $\alpha$ -acetoxyroyleanone from *Ballota nigra* L.

Biochem. Systemat. Ecol. 35; 894-897, 2007

Veres Katalin – Varga Erzsébet – Schelz Zs. – Molnár J. – Bernáth J. – Máthé Imre  
Chemical composition and antimicrobial activities of essential oils of four lines of *Origanum vulgare* subsp. *hirtum*

(Link) Ietswaart grown in Hungary  
Nat. Prod. Commun. 2; 1155-1158, 2007

## 2006.

Csupor Dezső – Forgo P. – Csedő K. – Hohmann Judit  
C<sub>19</sub> and C<sub>20</sub> diterpene alkaloids from *Aconitum toxicum* Rchb.  
Helv. Chim. Acta 89; 2981-2986, 2006.

Czigle, S. – Mučaji, P. – Grančai, D. – Veres Katalin – Háznagy-Radnai Erzsébet – Dobos Ágnes – Máthé Imre – Tóth László  
Identification of the components of *Philadelphus coronarius* L. essential oil  
J. Essent. Oil Res. 18; 423-426, 2006.

Háznagy-Radnai Erzsébet – Czigle, S. – Zupkó I. – Falkay Gy. – Máthé Imre  
Comparison of antioxidant activity in enzyme-independent system of six *Stachys* species  
Fitoterapia 77; 521-524, 2006.

Janicsák G. – Veres Katalin – Kakasy A. Z. – Máthé Imre  
Study of the oleanolic and ursolic acid contents of some species of the Lamiaceae  
Biochem. Syst. Ecol. 34; 392-396, 2006.

Kalász H. – Liktör-Busa Erika – Janicsák G. – Báthori Mária  
Role of preparative rotation planar chromatography in the isolation of ecdysteroids  
J. Liq. Chromatogr. Rel. Technol. 29; 2095-2109, 2006.

Molnár J. – Gyémánt N. – Tanaka, M. – Hohmann Judit – Bergmann-Leitner, E. – Molnár, P. – Deli, J. – Didiziapetris, R. – Ferreira, M. J. U.  
Inhibition of multidrug resistance of cancer cells by natural diterpenes, triterpenes and carotenoids  
Curr. Pharm. Des. 12; 287-311, 2006

Nikolova, M. – Janicsák G. – Genova, E. – Máthé Imre  
Comparative analysis of external flavonoids of Bulgarian and Hungarian samples of *Salvia* species  
Acta. Botanica Hung. 48; 361-367, 2006.

Réthy B. – Kovács Adriána – Zupkó I. – Forgó P. – Vasas Andrea – Falkay Gy. – Hohmann Judit  
Cytotoxic phenanthrenes from the rhizomes of *Tamus communis*  
Planta Med. 72; 767-770, 2006.

Rojas, B. J. – Morales, A. – Pasquale, S. – Márquez, A. – Rondón, M. – Veres Katalin – Máthé Imre  
Comparative study of the chemical composition of the essential oil of *Lippia oreganoides* collected in two different seasons in Venezuela  
Nat. Prod. Commun. 1; 205-207, 2006.

Rondón, M. – Araque, M. – Morales, A. – Gualtieri, M. – Rojas, J. – Veres Katalin – Máthé Imre  
Chemical composition and antibacterial activity of the essential oil of *Lasiocephalus longipenicillatus* (Senecio)  
)  
Nat. Prod. Commun. 1; 113-115, 2006.

Schelz Zs. – Molnár J. – Hohmann Judit

Antimicrobial and antiplasmodial activities of essential oils  
Fitoterapia 77; 279-285, 2006.

**2005.**

Al Yousuf, M. H. - Bashir, A. K. - Veres Katalin - Dobos Ágnes - Nagy Gábor - Máthé Imre - Blunden, G. - Vera, J. R.  
Essential oil of *Haplophyllum tuberculatum* (Forssk.) A. Juss. from the United Arab Emirates  
J. Essent. Oil Res. 17; 519-521, 2005

Báthori Mária - Pongrácz Zita  
Phytoecdysteroids – From isolation to their effects on humans  
Curr. Med. Chem. 12; 153-172, 2005.

Forgo, P. - Hohmann Judit  
Leucovernine and acetylleucovernine, alkaloids from *Leucojum vernum* L.  
J. Nat. Prod. 68; 1588-1591, 2005.

Gyémánt, N. - Tanaka, M. - Antus, S. - Hohmann Judit - Csuka, O. - Mándoky, L. - Molnár, J.  
*In vitro* search for synergy between flavonoids and epirubicin on multidrug-resistant cancer cells  
In Vivo 19; 367-374, 2005.

Hajdú Zsuzsanna - Forgo, P. - Löffler Boglárka - Hohmann Judit  
Diterpene and norditerpene alkaloids from *Consolida orientalis*  
Biochem. Systemat. Ecol. 33; 1081-1085, 2005.

Kalász, H. - Hunyadi Attila - Báthori Mária  
Novel results of two-dimensional thin-layer chromatography

J. of Liq. Chromatogr. Rel. Technol. 28; 2489-2497 2005.

Pifl, C. - Nagy Gábor - Berényi, S. - Kattinger, A. - Reither, H. - Antus. S.

Pharmacological characterization of ecstasy synthesis byproduction with recombinant human monoamine transporters

J. Pharmacol. Exp. Ther. 314; 346-354, 2005.

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: <http://dx.doi.org/10.1016/j.jep.2015.09.001>