

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- κ 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- κ 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- κ 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, Tálosi 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⁺ 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

¹H and ¹³C 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.

Jatrophane 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 tiglane 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_{mac251}
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. - Czigle 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- β -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 α -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
C₁₉ and C₂₀ 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>