

Gabriella Spengler's publications

2016

Aliona Dobrova, Sonja Platzer, Felix Bacher, Miljan N M Milunovic, Anatolie Dobrov, [Gabriella Spengler](#), Éva A Enyedy, Ghenadie Novitchi, Vladimir B Arion

Structure-antiproliferative activity studies on L-proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(II), palladium(II) and copper(II) complexes

DALTON TRANSACTIONS 45: pp. 13427-13439. (2016)

Link(ek): [REAL](#), [SZTE Publicatio](#), [DOI](#), [PubMed](#), [WoS](#)

Journal Article/Article/Scientific

Amaral L, [Spengler G](#), Molnar J

Identification of Important Compounds Isolated from Natural Sources that Have Activity Against Multidrug-resistant Cancer Cell Lines: Effects on Proliferation, Apoptotic Mechanism and the Efflux Pump Responsible for Multi-resistance Phenotype.

ANTICANCER RESEARCH 36:(11) pp. 5665-5672. (2016)

Link(ek): [PubMed](#)

Journal Article/Article/Scientific

Annamária Kincses, Ádám Szabó Tönki, Marion Szatmári, Tímea Mosolygó, Enrique Domínguez-Álvarez, Carmen Sanmartín, Jadwiga Handzlik, [Gabriella Spengler](#)

Efflux pump inhibiting properties of selenocompounds in bacteria

In: The meeting of "Bio-Selenium People in Europe". Place and date of conference: Krakko, Poland, 01/09/2016-03/09/2016. Paper OC-8. Conference paper/Abstract/Scientific

Armada A, Martins C, [Spengler G](#), Molnar J, Amaral L, Rodrigues AS, Viveiros M

Fluorimetric Methods for Analysis of Permeability, Drug Transport Kinetics, and Inhibition of the ABCB1 Membrane Transporter.

METHODS IN MOLECULAR BIOLOGY 1395: pp. 87-103. (2016)

Link(ek): [DOI](#), [PubMed](#), [Scopus](#)

Journal Article/Article/Scientific

Barta Holló B, Magyar J, Armaković S, Bogdanović GA, Rodić MV, Armaković SJ, Molnár J, [Spengler G](#), Leovac VM, Meszaros Szecsenyi K

Coordination compounds of a hydrazone derivative with Co(III), Ni(II), Cu(II) and Zn(II): Synthesis, characterization, reactivity assessment and biological evaluation

NEW JOURNAL OF CHEMISTRY 40:(7) pp. 5885-5895. (2016)

Link(ek): [REAL](#), [DOI](#), [Scopus](#)

Journal Article/Article/Scientific

Domínguez-Álvarez E, Gajdács M, [Spengler G](#), Palop JA, Maré MA, Kieć-Kononowicz K, Amaral L, Molnár J, Jacob C, Handzlik J, Sanmartín C

Identification of selenocompounds with promising properties to reverse cancer multidrug resistance

BIOORGANIC & MEDICINAL CHEMISTRY LETTERS 26:(12) pp. 2821-2824. (2016)

Link(ek): [DOI](#), [PubMed](#), [REAL](#), [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 1 All citations: 1

Enrique Domínguez-Álvarez, Márió Gajdács, Celia Prior, Juan Antonio Palop, Daniel Plano, Carmen Sanmartín, Karolina Witek, Malgorzata Anna Marc, Gniewomir Latacz, Katarzyna Kieć-Kononowicz, Jadwiga Handzlik, Claus Jacob, [Gabriella Spengler](#)

An overview of the different biological activities shown by selenoesters and selenoanhydrides

In: The meeting of "Bio-Selenium People in Europe". Place and date of conference: Krakko, Poland, 01/09/2016-03/09/2016. Paper OC-5. Conference paper/Abstract/Scientific

Gajdács Márió, Enrique Domínguez-Álvarez, Jadwiga Handzlik, [Spengler Gabriella](#)

Redox-aktív szerves szelénvegyületek antitumor hatásának vizsgálata

In: Bohner B, Ádám A, Timár Z, Ziegenheim Sz (ed.)

XXXIX Kémiai Előadói Napok. Konferencia helye, ideje: Szeged, Hungary, 17/10/2016-19/10/2016. Szeged: Szegedi Akadémiai Bizottság, 2016. pp. 100-101.

(ISBN:978-963-9970-73-1)

Befoglaló mű link(ek): [Teljes dokumentum](#)

Chapter in Book/Conference paper/Scientific

Kincses A, Szabo AM, Saijo R, Watanabe G, Kawase M, Molnar J, [Spengler G](#)

Fluorinated Beta-diketo Phosphorus Ylides Are Novel Efflux Pump Inhibitors in Bacteria.

IN VIVO 30:(6) pp. 813-817. (2016)

Link(ek): [PubMed](#)

Journal Article/Article/Scientific

Kovács Dávid, Szóke Krisztina, Igaz Nóra, [Spengler Gabriella](#), Molnár József, Tóth Tímea, Madarász Dániel, Rázga Zsolt, Kónya Zoltán, Boros Imre M, Kiricsi Mónika

Silver nanoparticles modulate ABC transporter activity and enhance chemotherapy in multidrug resistant cancer
NANOMEDICINE: NANOTECHNOLOGY BIOLOGY AND MEDICINE 2016: p. 1. (2016)

Link(ek): [SZTE Publicatio](#), [DOI](#), [PubMed](#), [WoS](#), [Scopus](#), [Egyéb URL](#)

Journal Article/Article/Scientific

Márió Gajdács, Enrique Domínguez-Álvarez, Jadwiga Handzlik, Carmen Sanmartín, [Gabriella Spengler](#)

Evaluation of selenoester derivatives with potential efflux pump inhibiting and apoptosis inducing properties on cancer cells

In: The meeting of "Bio-Selenium People in Europe". Place and date of conference: Krakko, Poland, 01/09/2016-03/09/2016. Paper OC-6. Conference paper/Abstract/Scientific

Reis MA, Ahmed OB, [Spengler G](#), Molnár J, Lage H, Ferreira M-JU

Jatrophone diterpenes and cancer multidrug resistance - ABCB1 efflux modulation and selective cell death induction

PHYTOMEDICINE 23:(9) pp. 968-978. (2016)

Link(ek): [DOI](#), [PubMed](#), [Scopus](#)

Journal Article/Article/Scientific

[Spengler G](#), Csonka A, Molnar J, Amaral L

The Anticancer Activity of the Old Neuroleptic Phenothiazine-type Drug Thioridazine.

ANTICANCER RESEARCH 36:(11) pp. 5701-5706. (2016)

Link(ek): [PubMed](#)

Journal Article/Article/Scientific

Zeslowska E, Kincses A, [Spengler G](#), Nitek W, Wyrzuc K, Kiec-Kononowicz K, Handzlik J

The 5-aromatic hydantoin-3-acetate derivatives as inhibitors of the tumour multidrug resistance efflux pump P-glycoprotein (ABCB1): Synthesis, crystallographic and biological studies.

BIOORGANIC & MEDICINAL CHEMISTRY 24:(12) pp. 2815-2822. (2016)

Link(ek): [DOI](#), [PubMed](#), [Scopus](#), [SZTE Publicatio](#)

Journal Article/Article/Scientific

2015

Csonka A, Hamdoun S, [Spengler G](#), Martins A, Vincze I, Efferth T, Molnar J

Substituted steroidal compounds containing amino and amido groups reverse multidrug resistance of mouse T-lymphoma and two human prostate cancer cell lines in vitro.

ANTICANCER RESEARCH 35:(4) pp. 2105-2112. (2015)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Dependent (self-) citations: 1 All citations: 1

Dávid Kovács, Nóra Igaz, Csilla Keskeny, Krisztina Szőke, Réka Rigó, Tímea Tóth, [Gabriella Spengler](#), Zoltán Kónya, Imre M Boros, Mónika Kiricsi

Resistance Mechanisms in Silver-Citrate Nanoparticle Treated Cancer Cells

In: Róbert Hohol, Zsuzsanna Heiszler, Nóra Éles-Etele (ed.)

Hungarian Molecular Life Sciences 2015: Programme & Book of Abstracts. 304 p.

Konferencia helye, ideje: Eger, Hungary, 27/03/2015-29/03/2015. Budapest: Diamond Congress Ltd., 2015. Paper P-062.

(ISBN:978-615-5270-15-4)

Befoglaló mű link(ek): [Teljes dokumentum](#)

Chapter in Book/Abstract/Scientific

Konferencia szevezők:

Magyar Biokémiai Egyesület (Hungarian Association for Biochemistry)

Magyar Genetikusok Egyesülete (Hungarian Genetical Society)

Sejt- és Fejlődésbiológiai Szakosztály (Hungarian Association for Cell and Developmental Biology)

MÁRIÓ GAJDÁCS, ENRIQUE DOMÍNGUEZ-ÁLVAREZ, JADWIGA HANDZLIK, KATALIN BURIÁN, [GABRIELLA SPENGLER](#)
REVERSAL OF MULTIDRUG RESISTANCE BY SELENOESTER DERIVATIVES

ACTA MICROBIOLOGICA ET IMMUNOLOGICA HUNGARICA 62:(Suppl.) p. 154. (2015)

17th International Congress of the Hungarian Society for Microbiology. Budapest, Magyarország: 08/07/2015 -10/07/2015.

Journal Article/Abstract/Scientific

Matos AM, Reis M, Duarte N, [Spengler G](#), Molnar J, Ferreira MJ

Epoxylythyrane Derivatives: Modulation of ABCB1-Mediated Multidrug Resistance in Human Colon Adenocarcinoma and Mouse T-Lymphoma Cells.

JOURNAL OF NATURAL PRODUCTS 78:(9) pp. 2215-2228. (2015)

Link(ek): [DOI](#), [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 2 Dependent (self-) citations: 1 All citations: 3

Matos AM, Reis M, [Spengler G](#), Molnar J, Duarte N, Ferreira MJU

Exploring epoxylythyrane derivatives to overcome ABCB1-mediated multidrug resistance in human colon adenocarcinoma cells

PLANTA MEDICA: NATURAL PRODUCTS AND MEDICINAL PLANT RESEARCH 81:(16) pp. 1454-1455. (2015)

63rd International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research (GA). Budapest, Magyarország: 23/08/2015 -27/08/2015.

Link(ek): [WoS](#)

Journal Article/Abstract/Scientific

Spengler G, Ocsovszki I, Tonki AS, Saijo R, Watanabe G, Kawase M, Molnar J
Fluorinated beta-Diketo Phosphorus Ylides Are Novel Inhibitors of the ABCB1 Efflux Pump of Cancer Cells.
ANTICANCER RESEARCH 35:(11) pp. 5915-5919. (2015)

Link(ek): [\\$ REAL](#), [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Spengler Gabriella *, Mosolygó Tímea, Molnár József, Csonka Andrea, Csonka Ákos, Amaral Leonard, Burián Katalin
The anti-chlamydial effect of phenothiazines and disiloxane derivatives

Dánia

25th ECCMID (2015)

Link(ek): [Egyéb URL](#)

Miscellaneous/Not classified/Scientific

Takacs D, Csonka A, Horvath A, Windt T, Gajdacs M, Riedl Z, Hajos G, Amaral L, Molnar J, Spengler G
Reversal of ABCB1-related Multidrug Resistance of Colonic Adenocarcinoma Cells by Phenothiazines.
ANTICANCER RESEARCH 35:(6) pp. 3245-3251. (2015)

Link(ek): [\\$ Kiadónál](#), [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Dependent (self-) citations: 1 All citations: 1

TÍMEA MOSOLYGÓ, MARION SZATMÁRI, JÓZSEF MOLNÁR, ANDREA CSONKA, ÁKOS CSONKA, LEONARD AMARAL, KATALIN BURIÁN, GABRIELLA SPENGLER
NEW PERSPECTIVES IN THE TREATMENT OF CHLAMYDIA TRACHOMATIS INFECTIONS: PHENOTHIAZINES AND DISILOXANE DERIVATIVES AS POTENTIAL ANTI-CHLAMYDIAL AGENTS
ACTA MICROBIOLOGICA ET IMMUNOLOGICA HUNGARICA 62:(Suppl.) pp. 182-183. (2015)
17th International Congress of the Hungarian Society for Microbiology. Budapest, Magyarország: 08/07/2015 -10/07/2015.
Journal Article/Abstract/Scientific

2014

Ákos Csonka, Gabriella Spengler, Ana Martins, Irén Vincze, Joseph Molnar
COMPARISON OF CYTOTOXICITY OF BUTYL-OXI-CARBONYL SUBSTITUTED STEROIDAL COMPOUNDS ON DIFFERENT CANCER CELL LINES IN VITRO
ANTICANCER RESEARCH 34:(10) Paper 128. (2014)

NINTH INTERNATIONAL CONFERENCE OF ANTICANCER RESEARCH. Görögország: 06/10/2014 -10/10/2014.

Link(ek): [WoS](#)

Journal Article/Abstract/Scientific

Cátia Vieira Noélia Duarte, Mariana A Reis, Gabriella Spengler, Ana Margarida Madureira, Joseph Molnar, Maria-José U Ferreira
Improving the MDR reversal activity of 6,17-epoxylathyrane diterpenes
BIOORGANIC & MEDICINAL CHEMISTRY 22:(22) pp. 6392-6400. (2014)

Link(ek): [DOI](#), [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 2 Dependent (self-) citations: 6 All citations: 8

Csonka Ákos, Spengler Gabriella, Martins Ana, Ocsovszki Imre, Christen Jorn B, Hendricks Oliver, Kristiansen Jette E, Amaral Leonard, Molnar Joseph

Anticancer activity of thioridazine stereoisomers

In: ICACT 2014: 25th International Congress on Anti-Cancer Treatment. Place and date of conference: Paris, France, 04/02/2014-06/02/2014. Paper IC/AB1442.

Conference paper/Abstract/Scientific

Diána Szabó, Gabriella Spengler, József Molnár, Gábor Tax, Kornélia Szabó, László Rovó
ANALYSIS OF THE INTERACTION OF NORMAL HUMAN FIBROBLASTS AND DIFFERENT CANCER CELLS IN MIXED CULTURES BY XCELLIGENCE STUDIES

ANTICANCER RESEARCH 34:(10) Paper 635. (2014)

NINTH INTERNATIONAL CONFERENCE OF ANTICANCER RESEARCH. Görögország: 06/10/2014 -10/10/2014.

Link(ek): [WoS](#)

Journal Article/Abstract/Scientific

Gabriella Spengler, Daniella Takács, Jadwiga Handzlik, Katarzyna Kiec-Kononowicz, Leonard Amaral
INHIBITORS OF EFFLUX PUMPS IN GRAM-NEGATIVE BACTERIA TO COMBAT MULTIDRUG RESISTANCE

In: Szilárd Szélpál (ed.)

I. Innovation in Science - Doctoral Student Conference 2014: eBook of Abstracts. 207 p.

Konferencia helye, ideje: Szeged, Hungary, 02/05/2014-03/05/2014. (Doktoranduszok Országos Szövetsége, Biológiai és Kémiai Tudományok Osztálya)

Szeged: Magyar Kémikusok Egyesülete (MKE), 2014. pp. 165-166.

(ISBN:[978-963-9970-52-6](#))

Befoglaló mű link(ek): [SZTE Publicatio](#), [Teljes dokumentum](#)

Chapter in Book/Abstract/Scientific

Gabriella Spengler, Ilona Mucsi, Ferenc Uher, Peter Hegyes, Orsolya Csuka, József Molnár, Zoltán Kiss
THIOXANTHONE COMPOUNDS TO REDUCE TUMOR GROWTH, CANCER CACHEXIA AND CANCER TREATMENT-RELATED BONE MARROW TOXICITY
ANTICANCER RESEARCH 34:(10) Paper 612. (2014)
NINTH INTERNATIONAL CONFERENCE OF ANTICANCER RESEARCH. Görögország: 06/10/2014 -10/10/2014.
Link(ek): [WoS](#)
Journal Article/Abstract/Scientific

Gabriella Spengler, Daniella Takács, Ádám Horváth, Zsuzsanna Riedl, György Hajós, József Molnár, Katalin Burián
The role of chirality in the efflux pump inhibiting properties of phenothiazine derivatives on the bacterial AcrAB-TolC system
In: Belhumeur P, Dozois C, Lamarre A (ed.)
XIVth International Congress of Bacteriology and Applied Microbiology, International Union of Microbiological Societies Congresses.
Place and date of conference: Montreal, Canada, 27/07/2014-01/08/2014.p. 1216.
Link(ek): [Egyéb URL](#)
Befoglaló mű link(ek): [Teljes dokumentum](#)
Conference paper/Abstract/Scientific

Kovacs D, Igaz N, Keskeny C, Toth T, Spengler G, Konya Z, Boros IM, Kiricsi M
Resistance mechanisms in silver-citrate nanoparticles treated colon cancer cells
FEBS JOURNAL 281:(Supplement S1) p. 161. (2014)
FEBS EMBO 2014 Conference, Paris, France, 30 August-4 September 2014. Paris, Franciaország: 30/08/2014 -04/09/2014.
Link(ek): [Egyéb URL](#), [DOI](#), [WoS](#)
Journal Article/Abstract/Scientific

Leonard Amaral, Ana Martins, Gabriella Spengler, Joseph Molnar
Efflux pumps of Gram-negative bacteria: what they do, how they do it with what and how to deal with them
FRONTIERS IN PHARMACOLOGY 4: Paper 168. 11 p. (2014)
Link(ek): [DOI](#), [PubMed](#), [WoS](#), [Scopus](#)
Journal Article/Article/Scientific
Independent citations: 10 All citations: 10

Neto S, Vieira C, Matos A M, Monico A, Ferreira R, Reis M, Pedro C, Madureira A M, Spengler G, Molnar J, Duarte N, Ferreira M J U
Lathyrane diterpenes from *Euphorbia boetica* and *Euphorbia pedroi*: Promising ABCB1 modulators for overcoming multidrug resistance
PLANTA MEDICA: NATURAL PRODUCTS AND MEDICINAL PLANT RESEARCH 80:(16) p. 1412. (2014)
62nd International Congress and Annual Meeting of the Society-of-Medicinal-Plant-and-Natural-Product-Research. Guimaraes, Portugália:
Link(ek): [WoS](#)
Journal Article/Abstract/Scientific

Nóra Igaz, Dávid Kovács, Csilla Keskeny, Tímea Tóth, Gabriella Spengler, Zoltán Kónya, Imre Miklós Boros, Mónika Kiricsi
Resistance Mechanisms in Silver-Citrate Nanoparticle Treated Colon Cancer Cells
In: Zoltán Konya, Ákos Kukovecz (ed.)
6th Szeged International Workshop on Advances in Nanoscience SIWAN6: Book of Abstracts. Konferencia helye, ideje: Szeged, Hungary,
15/10/2014-18/10/2014. Budapest: Akadémiai Kiadó, 2014. pp. 97-98.
(ISBN:978 963 05 9554 4)
Link(ek): [Egyéb URL](#)
Chapter in Book/Abstract/Scientific

Spengler G, Takacs D, Horvath A, Riedl Z, Hajos G, Amaral L, Molnar J
Multidrug Resistance Reversing Activity of Newly Developed Phenothiazines on P-glycoprotein (ABCB1)-related Resistance of Mouse T-Lymphoma Cells.
ANTICANCER RESEARCH 34:(4) pp. 1737-1741. (2014)
Link(ek): [REAL](#), [Egyéb URL](#), [PubMed](#), [WoS](#), [Scopus](#)
Journal Article/Article/Scientific
Independent citations: 3 Dependent (self-) citations: 2 All citations: 5

Spengler G, Takacs D, Horvath A, Szabo AM, Riedl Z, Hajos G, Molnar J, Burian K
Efflux Pump Inhibiting Properties of Racemic Phenothiazine Derivatives and their Enantiomers on the Bacterial AcrAB-TolC System.
IN VIVO 28:(6) pp. 1071-1075. (2014)
Link(ek): [REAL](#), [Egyéb URL](#), [PubMed](#), [WoS](#), [Scopus](#)
Journal Article/Article/Scientific
Independent citations: 1 Dependent (self-) citations: 1 All citations: 2

Spengler Gabriella, Handzlik Jadwiga, Szabo Agnes Mira, Karcz Tadeusz, Olejarz Agnieszka, Amaral Leonard, Molnar József, Kiec-Kononowicz Katarzyna
Studies of phenylpiperazine derivatives of 5,5-dimethylhydantion on the modulation of multidrug efflux pumps of cancer cells
In: ICACT 2014: 25th International Congress on Anti-Cancer Treatment. Place and date of conference: Paris, France, 04/02/2014-06/02/2014. Paper IC/AB1440.
Conference paper/Abstract/Scientific

Spengler Gabriella, Takacs Daniella, Riedl Zsuzsanna, Hajos György, Amaral Leonard, Molnar Jozsef
MULTIDRUG RESISTANCE REVERSING ACTIVITY OF NEWLY DEVELOPED PHENOTHIAZINES ON P GLYCOPROTEIN (ABCB1)-RELATED RESISTANCE IN DIFFERENT CANCER MODELS

ANTICANCER RESEARCH 34:(10) Paper 613. (2014)

Link(ek): [WoS](#)

Journal Article/Abstract/Scientific

A M Szabó, [G Spengler](#), D Takács, Zs Riedl, Gy Hajós, L Amaral, J Molnár

MULTIDRUG RESISTANCE REVERSAL BY PHENOTHIAZINES ON P GLYCOPROTEIN-RELATED RESISTANCE OF COLON ADENOCARCINOMA CELLS

ANTICANCER RESEARCH 34:(10) Paper 634. (2014)

NINTH INTERNATIONAL CONFERENCE OF ANTICANCER RESEARCH. Görögország: 06/10/2014 -10/10/2014.

Link(ek): [WoS](#)

Journal Article/Abstract/Scientific

2013

Amaral L, [Spengler G](#), Martins A, Molnar J

Efflux Pumps that Bestow Multi-Drug Resistance of Pathogenic Gramnegative Bacteria

BIOCHEMISTRY AND PHARMACOLOGY 2:(3) Paper N° 119. 3 p. (2013)

Link(ek): [Teljes dokumentum](#)

Journal Article/Article/Scientific

Amaral Leonard, Martins Ana, [Spengler Gabriella](#), Hunyadi Attila, Molnar Joseph

The mechanism by which the phenothiazine thioridazine contributes to cure problematic drug-resistant forms of pulmonary tuberculosis:

Recent patents for "new use"

RECENT PATENTS ON ANTI-INFECTIVE DRUG DISCOVERY 8:(3) pp. 206-212. (2013)

Link(ek): [SZTE Publicatio](#), [PubMed](#), [DOI](#), [Scopus](#)

Journal Article/Survey paper/Scientific

Independent citations: 1 All citations: 1

Csonka A, [Spengler G](#), Martins A, Ocsosvzki I, Christensen JB, Hendricks O, Kristiansen JE, Amaral L, Molnar J

Effect of thioridazine stereoisomers on the drug accumulation of mouse lymphoma and human prostate cancer cell lines in vitro.

IN VIVO 27:(6) pp. 815-820. (2013)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Dependent (self-) citations: 2 All citations: 2

Molnar Joseph, Mucsi Ilona, Engi Helga, [Spengler Gabriella](#), Amaral Leonard, Zalatnai Attila, Wang Qi, Shlomo Ben Efraim

The Role of Stroma in Tumour-Host Co-Existence: Some Perspectives in Stroma-Targeted Therapy of Cancer

BIOCHEMISTRY AND PHARMACOLOGY 2:(1) pp. 1-6. (2013)

Link(ek): [DOI](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Mosolygó T, [Spengler G](#), Endrész V, Laczi K, Perei K, Burián K

IL-17E Production Is Elevated in the Lungs of Balb/c Mice in the Later Stages of Chlamydia muridarum Infection and Re-infection.

IN VIVO 27:(6) pp. 787-792. (2013)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

2012

Amaral L, [Spengler G](#), Martins A, Armada A, Handzlik J, Kiec-Kononowicz K, Molnar J

Inhibitors of bacterial efflux pumps that also inhibit efflux pumps of cancer cells

ANTICANCER RESEARCH 32:(7) pp. 2947-2958. (2012)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 2 Dependent (self-) citations: 3 All citations: 5

Amaral Leonard, Martins Ana, [Spengler Gabriella](#), Martins Marta, Rodrigues Liliana, McCusker Matthew, Ntokou Eleni, Cerca Pedro,

Machado Lisa, Viveiros Miguel, Couto Isabel, Fanning Seamus, Kristiansen Jette, Molnar Joseph

Structure, Genetic Regulation, Physiology and Function of the AcrAB-TolC Efflux Pump of Escherichia coli and Salmonella
In: Tegos G, Mylonakis E (ed.)

ANTIMICROBIAL DRUG DISCOVERY: EMERGING STRATEGIES: 22. kötet/Advances in molecular and cellular microbiology.

UK: CAB International, 2012. pp. 44-61.

(Advances in Molecular and Cellular Microbiology)

22.

(ISBN:978-1-84593-943-4)

Link(ek): [DOI](#), [Scopus](#)

Chapter in Book/Chapter/Scientific

Dymek A, Armada A, Handzlik J, Viveiros M, [Spengler G](#), Molnar J, Kiec-Kononowicz K, Amaral L

The Activity of 16 New Hydantoin Compounds on the Intrinsic and Overexpressed Efflux Pump System of Staphylococcus aureus.

IN VIVO 26:(2) pp. 223-229. (2012)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Dependent (self-) citations: 2 All citations: 2

Gabriella Spengler, Liliana Rodrigues, Marta Martins, Matthew McCusker, Sofia Santos Costa, Eleni Ntokou, Ágnes Míra Szabó, Ádám Horváth, Zoltán Gábor Varga, Séamus Fanning, Joseph Molnár, Leonard Amaral

Stress response and resistance of Salmonella enterica serotype Enteritidis to the efflux pump inhibitor neuroleptic drug thioridazine
In: European Congress of Clinical Microbiology Infectious Diseases
22 nd ECCMID (ed.)

Clinical Microbiology and Infection: Special Issue: Abstracts of the 22nd European Congress of Clinical Microbiology and Infectious Diseases. Konferencia helye, ideje: London, United Kingdom / England, 31/03/2012-03/04/2012. London: Wiley-Blackwell Publishing Ltd., 2012. p. 307.

Befoglaló mű link(ek): [DOI](#)

Chapter in Book/Abstract/Scientific

Handzlik J, Spengler G, Mastek B, Dela A, Molnar J, Amaral L, Kiec-Kononowicz K

5-Arylidene(thio)hydantoin derivatives as modulators of cancer efflux pump

ACTA POLONIAE PHARMACEUTICA 69:(1) pp. 149-156. (2012)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 2 Dependent (self-) citations: 4 All citations: 6

Martins A, Dymek A, Handzlik J, Spengler G, Armada A, Molnar J, Kiec-Kononowicz K, Amaral L

Activity of Fourteen New Hydantoin Compounds on the Human ABCB1 Efflux Pump.

IN VIVO 26:(2) pp. 293-297. (2012)

Link(ek): [PubMed](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Dependent (self-) citations: 3 All citations: 3

G Spengler, L Rodrigues, M Martins, M McCusker, S Santos Costa, E Ntokou, Á M Szabó, Á Horváth, Z G Varga, S Fanning, J Molnár, L Amaral

Stress response and resistance of Salmonella enterica serotype Enteritidis to the efflux pump inhibitor neuroleptic drug thioridazine

Egyesült Királyság / Anglia

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Link(ek): [Egyéb URL](#)

Miscellaneous/Not classified/Scientific

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Independent citations: 8 Dependent (self-) citations: 4 All citations: 12

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Independent citations: 6 Dependent (self-) citations: 12 All citations: 18

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Independent citations: 6 Dependent (self-) citations: 7 All citations: 13

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Dependent (self-) citations: 1 All citations: 1

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Independent citations: 48 Dependent (self-) citations: 37 All citations: 85

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Independent citations: 20 Dependent (self-) citations: 4 All citations: 24

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Independent citations: 9 Dependent (self-) citations: 10 All citations: 19

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Independent citations: 15 Dependent (self-) citations: 2 All citations: 17

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Independent citations: 32 Dependent (self-) citations: 9 All citations: 41

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Independent citations: 1 Dependent (self-) citations: 7 All citations: 8

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Independent citations: 3 Dependent (self-) citations: 2 All citations: 5

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Independent citations: 1 All citations: 1

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Independent citations: 25 Dependent (self-) citations: 19 All citations: 44

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Independent citations: 15 Dependent (self-) citations: 3 All citations: 18

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Independent citations: 14 Dependent (self-) citations: 2 All citations: 16