

List of Publications

[1]	W. Fleischhacker* and E. Urban Synthesis of 3-Amino-4-benzoylsydnonones Heterocycles <u>1988</u> , 27 , 1697-1707
[2]	W. Fleischhacker* and E. Urban Synthesis of a Benzodiazepine Analogous Sydnotriazepine J. Heterocycl. Chem. <u>1989</u> , 26 , 453-455
[3]	U. Mostler und E. Urban* Synthese und Konfigurationszuordnung eines potentiell antimikrobiellen 5,6-Dihydroxy-isobenzofuranons Monatsh. Chem. <u>1989</u> , 120 (4), 349-355
[4]	W. Fleischhacker*, B. Richter und E. Urban Synthese von Cotarnin-iodid Monatsh. Chem. <u>1989</u> , 120 , 765-769
[5]	E. Urban, W. Jäger und H. P. Koch* Modellverbindungen für "Garlicin" und ihre antimikrobielle Wirksamkeit im Hefewuchstest Sci. Pharm. <u>1989</u> , 57 , 451-455
[6]	R. Stejskal, E. Urban* und H. Völlenkne Synthese und Konfigurationszuordnung von potentiell antimikrobiellen 5,6-Dihydroxy-isobenzofuranonen Monatsh. Chem. <u>1991</u> , 122 (3), 145-156
[7]	A. Rachenzentner und E. Urban* Synthese von 5,6-Dihydroxy-tetrahydro-isobenzofuranonen Arch. Pharm. (Weinheim) <u>1992</u> , 325 , 101-105
[8]	R. Abdel Nour, K. Schneider and E. Urban* Synthesis of 4,7-Dihydroxyperhydroisobenzofuran-1-one and Comparison with Zwergal's Structure of "Garlicin" Liebigs Ann. Chem. <u>1992</u> , 383-386
[9]	C. Dostal, S. Lauritz and E. Urban* Synthesis and rearrangement of aminoalkyl lactones to spirocyclic hydroxymethyl lactams Heterocycles <u>1992</u> , 34 , 135-148
[10]	U. Aufreiter, M. Fuchs und E. Urban* Synthese von 5,6-Dihydroxy-4,7-methano-isobenzofuranonen Arch. Pharm. (Weinheim) <u>1992</u> , 325 , 579-584

[11]	A. Edelsbacher, E. Urban* and W. Weidenauer Preparation of enantiomerically pure 5,6-Dihydroxy-isobenzofuranones and 5,6-Dihydroxy-4,7-methano-isobenzofuranones Monatsh. Chem. <u>1992</u> , 123 , 741-747
[12]	W. Jäger, M. Hofeneder, E. Urban und H. P. Koch* Zytotoxische Aktivität neuer cyclischer Lactone im "Hefe-Test" Pharmazie <u>1993</u> , 48 , 553-554
[13]	G. Hollauf and E. Urban* Synthesis of GABA-Analogous Spirocyclic Amino Acids, 4. N-Benzyl-2-Azaspiro[4.4]nonane-6-carboxylates Heterocycles <u>1994</u> , 38 , 2295-2308
[14]	E. Urban*, G. Riehs and G. Knühl EPC Synthesis of 6-Substituted 2-Oxo-cyclohexanecarboxylates via Conjugate Addition of Cuprates to Asymmetric Shielded 2-Oxo-cyclohexenecarboxylates Tetrahedron Letters <u>1995</u> , 36 , 4773-4776
[15]	W. Fleischhacker*, S. Lauritz, E. Urban, P. Baumann and H. Bittiger Synthesis and Biochemical Studies of Spirocyclic Amino Acids. II. Activity of 2-azaspiro[5.5]undecane-7-carboxylates as GABA-uptake Inhibitors Eur. J. Med. Chem. <u>1995</u> , 30 , 707-713
[16]	E. Urban*, G. Knühl and G. Helmchen A Short Synthesis of (-)-Chokol A Tetrahedron <u>1995</u> , 51 , 13031-13038
[17]	E. Urban*, G. Knühl and G. Helmchen EPC Synthesis of 5-Substituted 2-Oxo-cyclopentanecarboxylates via Conjugate Addition of Cuprates to Asymmetric Shielded 2-Oxo-cyclopentenecarboxylates Tetrahedron Letters <u>1995</u> , 36 , 7229-7232
[18]	E. Urban*, G. Riehs and G. Knühl Enantiomerically Pure 6-Substituted 2-Oxo-cyclohexanecarboxylates by Conjugate Addition of Cuprates to Asymmetric Shielded 2-Oxo-cyclohexenecarboxylates Tetrahedron <u>1995</u> , 51 , 11149-11164
[19]	G. Riehs and E. Urban* Asymmetric Protected Enoates as Key Intermediates Towards an EPC Synthesis of (+)-Heptelidic Acid Tetrahedron Letters <u>1995</u> , 36 , 7233-7234

[20]	G. Hollauf and E. Urban* Synthesis of Potential Antimicrobial Oxiranylisobenzofuranones Monatsh. Chem. <u>1995</u> , 126 , 1203-1212
[21]	G. Riehs and E. Urban* Asymmetric Protected 2-Oxo-5-isopropyl-cyclohexenecarboxylates as Key Intermediates Towards an EPC Synthesis of (+)-Heptelidic Acid Tetrahedron <u>1996</u> , 52 , 1221-1230
[22]	E. Urban*, G. Knühl and G. Helmchen Enantiomerically Pure 5-Substituted 2-Oxo-cyclopentanecarboxylates by Conjugate Addition of Cuprates to Asymmetric Shielded 2-Oxo-cyclopentenecarboxylates Tetrahedron <u>1996</u> , 52 , 971-986
[23]	W. Fleischhacker*, S. Lauritz, E. Urban, P. Baumann and H. Bittiger Synthesis and Biochemical Studies of Spirocyclic Amino Acid Esters, Part 3 Activity of 2-Azaspiro[4.5]decane-6-carboxylates as GABA-Uptake Inhibitors Arch. Pharm. Pharm. Med. Chem. <u>1996</u> , 329 , 149-154
[24]	G. Riehs, E. Urban* and H. Völlenkne A Key Step towards EPC Synthesis of (+)-Heptelidic Acid Tetrahedron <u>1996</u> , 52 , 8725-8732
[25]	G. Riehs and E. Urban* EPC Synthesis of (+)-Heptelidic Acid Monatsh. Chem. <u>1997</u> , 128 , 281-289
[26]	G. Riehs, G. Ecker and E. Urban* Studies on the Absolute Configuration and Enantiomeric Purity of the Antibiotic Heptelidic Acid Sci. Pharm. <u>1998</u> , 66 , 199-204
[27]	M. Bendl, M. Eder, I. Langhammer and E. Urban* GABA-Analogous Spirocyclic Amino Acid Esters, 5. N-Benzyl-7-azaspiro[4.5]decane-1-carboxylates Heterocycles <u>2000</u> , 53 , 115-126
[28]	M. Krenn and E. Urban* Asymmetric Synthesis of a Structurally Simplified Analogue of the Antibiotic Heptelidic Acid Monatsh. Chem. <u>2002</u> , 133 , 127-137
[29]	E. Urban and C. R. Noe* Structural Modifications of Antisense Oligonucleotides Il farmaco. <u>2003</u> , 58(3) , 243-258

[30]	J. Winkler, E. Urban, D. Losert, V. Wacheck, H. Pehamberger and C. R. Noe* A novel concept for ligand attachment to oligonucleotides via a 2'-succinyl linker Nucleic Acids Research <u>2004</u> , 32 (2), 710-718
[31]	J. Winkler, E. Urban and C. R. Noe* β -Methyl-2-amino-2,3-dideoxyribofuranoside, a Novel Building Block for Backbone Modified Antisense Oligonucleotides Monatsh. Chem. <u>2004</u> , 131 (1), 109-116
[32]	J. Winkler, E. Urban and C. R. Noe* Oligonucleotides Conjugated to Short Lysine Chains Bioconjugate Chemistry <u>2005</u> , 16 (4), 1038-1044
[33]	C. R. Noe*, J. Winkler, E. Urban, M. Gilbert, G. Haberhauer and H. Brunar Zwitterionic oligonucleotides: A study on binding properties of 2'-O-Aminohexyl modifications Nucleosides, Nucleotides & Nucleic Acids <u>2005</u> , 24 (8), 1167-1185
[34]	J. Winkler, K. Saadat, M. Diaz-Gavilan, E. Urban, C. R. Noe* Oligonucleotide-polyamine conjugates: Influence of length and position of 2'-attached polyamines on duplex stability and antisense effect European Journal of Medicinal Chemistry <u>2009</u> , 44 (2), 670-677
[35]	C. R. Noe*, M. Knollmueller, E. Jangg, G. P. Gmeiner, E. Urban and S. Eppacher Increasing chiral recognition in acetal formation Chirality <u>2009</u> , 21 (4), 428-435
[36]	J. Winkler, B. Giessrigl, C. Novak, E. Urban and C. R. Noe* 2'-O-Lysylaminohexyladenosine modified oligonucleotides Monatshefte fuer Chemie <u>2010</u> , 141 (7), 809-815
[37]	S. Vogl, M. Zehl, P. Picker, E. Urban, C. Wawrosch, G. Reznicek, J. Saukel and B. Kopp* Identification and Quantification of Coumarins in Peucedanum ostruthium (L.) Koch by HPLC-DAD and HPLC-DAD-MS Journal of Agricultural and Food Chemistry <u>2011</u> , 59 (9), 4371-4377
[38]	P. Seephonkai, R. Popescu, M. Zehl, G. Krupitza, E. Urban and B. Kopp Ferruginenes A-C from Rhododendron ferrugineum and Their Cytotoxic Evaluation Journal of Natural Products <u>2011</u> , 74 (4), 712-717
[39]	H. Joa, S. Vogl, A. G. Atanasov, M. Zehl, T. Nakel, N. Fakhrudin, E. H. Heiss, P. Picker, E. Urban, C. Wawrosch, J. Saukel, G. Reznicek, B. Kopp and V. Dirsch, Identification of Ostruthin from Peucedanum ostruthium Rhizomes as an Inhibitor of Vascular Smooth Muscle Cell Proliferation Journal of Natural Products <u>2011</u> , 74 (6), 1513-1516

[40]	D. Nebija, E. Urban, M. Stessl; C. R. Noe.; B. Lachmann 2-DE and MALDI-TOF-MS analysis of therapeutic fusion protein abatacept Electrophoresis <u>2011</u> , 32 (12), 1438-1443
[41]	D. Nebija, H. Kopelent-Frank, E. Urban, C. R. Noe.; B. Lachmann Comparison of two-dimensional gel electrophoresis patterns and MALDI-TOF MS analysis of therapeutic recombinant monoclonal antibodies trastuzumab and rituximab Journal of Pharmaceutical and Biomedical Analysis <u>2011</u> , 56 (4), 684-691
[42]	J. Singhuber, I. Baburin, H. Kaehlig, E. Urban, B. Kopp; S. Hering GABAA receptor modulators from Chinese herbal medicines traditionally applied against insomnia and anxiety Phytomedicine <u>2012</u> , 19 (3-4), 334-340
[43]	J. Singhuber, I. Baburin, S. Khom, M. Zehl, E. Urban, S. Hering, B. Kopp GABAA Receptor Modulators from the Chinese Herbal Drug Junci Medulla - The Pith of Juncus effusus Planta medica <u>2012</u> , 455-458.
[44]	E. Rozema, R. Popescu, H. Sonderegger, Christian W. Huck, J. Winkler, G. Krupitza, E. Urban, B. Kopp, Characterization of glucocerebrosides and the active metabolite 4,8-sphingadienine from Arisaema amurense and Pinellia ternata by NMR and CD spectroscopy and ESI- MS/CID-MS Journal of Agricultural and Food Chemistry <u>2012</u> , 60 (29), 7204-7210.
[45]	L. Banuls, E. Urban, M. Gelbcke, F. Dufrasne, B. Kopp, R. Kiss, M. Zehl Structure-Activity Relationship Analysis of Bufadienolide-Induced in Vitro Growth Inhibitory Effects on Mouse and Human Cancer Cells Journal of Natural Products <u>2013</u> , 76 (6), 1078-1084.
[46]	L. Banuls, A. Katz, W. Miklos, A. Cimmino, D. M. Tal, E. Ainbinder, M. Zehl, E. Urban, A. Evidente, B. Kopp, W. Berger, O. Feron, S. Karlish, R. Kiss Hellebrin and its aglycone form hellebrigenin display similar in vitro growth inhibitory effects in cancer cells and binding profiles to the alpha subunits of the Na ⁺ /K ⁺ -ATPase Molecular cancer <u>2013</u> , 12 , 33.
[47]	S. Vogl, A. G. Atanasov, M. Binder, M. Bulusu, M. Zehl, N. Fakhrudin, E. H. Heiss, P. Picker, C. Wawrosch, J. Saukel, G. Reznicek, E. Urban, V. Bochkov, V. M. Dirsch, B. Kopp The Herbal Drug <i>Melampyrum pratense</i> L. (Koch): Isolation and Identification of Its Bioactive Compounds Targeting Mediators of Inflammation Evidence Based Complementary and Alternative Medicine Published online 2013 February 26. http://dx.doi.org/10.1155/2013/395316

[48]	Korodi, T.; Dulavova, M.; Urban, E.; Kopelent-Frank, H.; Lachmann, B. A stability-indicating HPLC method for the determination of naphazoline and its degradation product and methyl parahydroxybenzoate in pharmaceutical preparations Journal of Liquid Chromatography & Related Technologies, <u>2014</u> , 37:1321–1333.
[49]	Xie, Lian-Wu; Atanasov, Atanas G.; Guo, De-An; Malainer, Clemens; Zhang, Jing-Xian; Zehl, Martin; Guan, Shu-Hong; Heiss, Elke H.; Urban, Ernst; Dirsch, Verena M.; Kopp, Brigitte Activity-guided isolation of NF- κ B inhibitors and PPAR γ agonists from the root bark of <i>Lycium chinense</i> Miller Journal of Ethnopharmacology <u>2014</u> , 152 (2014) 470–477.
[50]	I. Novakova, E. A. Subileau, S. Toegel, D. Gruber, B. Lachmann, E. Urban, C. Chesne C. R. Noe, W. Neuhaus Transport Rankings of Non-Steroidal Antiinflammatory Drugs across Blood-Brain Barrier In Vitro Models. PLoS one. <u>2014</u> Jan 23;9(1):e86806. doi: 10.1371
[51]	A. Schinkovitz, A. Kaur, E. Urban, M. Zehl, G. Pachnikova, Y. Wang, N. Kretschmer, I. Slaninova, G. F. Pauli, S. G. Franzblau, G. Krupitza, R. Bauer, B. Kopp Cytotoxic Constituents from <i>Lobaria scrobiculata</i> and a Comparison of Two Bioassays for Their Evaluation Journal of Natural Products <u>2014</u> , 77(4), 1069-1073.
[52]	D. Nebija, C. R. Noe; E. Urban, B. Lachmann Quality control and stability studies with the monoclonal antibody, trastuzumab: application of 1D- vs. 2D-gel electrophoresis International journal of molecular sciences <u>2014</u> , 15(4), 6399-411.
[53]	B. A. Theiler, S. Revoltella, M. Zehl, C. Dangl, L. O. Espinoza Caisa, J. Koenig, J. Winkler, E. Urban, S. Glasl Secundarellone A, B, and C from the leaves of <i>Justicia secunda</i> VAHL Phytochemistry Letters <u>2014</u> , Ahead of Print. DOI:10.1016/j.phytol.2014.05.007
[54]	K. Mehraban, G. Gmeiner, E. Urban, P. Gaertner, S. Eppacher, C. R. Noe, Chiral resolution of alcohols by extractive separation of acetals Monatshefte fuer Chemie <u>2014</u> , 145(10) 1631-1641.
[55]	H. Adhami, M. Zehl, C. Dangl, D. Dorfmeister, M. Stadler, E. Urban, P. Hewitson, S. Ignatova, L. Krenn Preparative isolation of oleocanthal, tyrosol, and hydroxytyrosol from olive oil by HPCCC Food Chemistry <u>2015</u> , 170 154–159.

[56]	M. Zeino, M.S. Paulsen, M. Zehl, E. Urban, B. Kopp, T. Efferth Identification of new P-glycoprotein inhibitors derived from cardiotoxic steroids Biochemical Pharmacology (Amsterdam, Netherlands) <u>2015</u> , 93(1), 11-24.
[57]	M. Zeino, R. Brenk, L. Gruber, M. Zehl, E. Urban, B. Kopp, T. Efferth Cytotoxicity of cardiotoxic steroids in sensitive and multidrug-resistant leukemia cells and the link with Na ⁺ /K ⁺ -ATPase Journal of Steroid Biochemistry and Molecular Biology <u>2015</u> , 150, 97-111.
[58]	Blaschke, Michael; McKinnon, Ruxandra; Nguyen, Chi Huu; Holzner, Silvio; Zehl, Martin; Atanasov, Atanas Georgiev; Schelch, Karin; Krieger, Sigurd; Diaz, Rene; Frisch, Richard; Feistel, Björn; Jäger, Walter; Ecker, Gerhard F.; Dirsch, Verena M.; Grusch, Michael; Zupko, Istvan; Urban, Ernst; Kopp Brigitte; Krupitza, Georg A eudesmane-type sesquiterpene isolated from <i>Pluchea odorata</i> (L.) Cass. combats three hallmarks of cancer cells: Unrestricted proliferation, escape from apoptosis and early metastatic outgrowth in vitro Mutation Research, Fundamental and Molecular Mechanisms of Mutagenesis <u>2015</u> , 777, 79-90.
[59]	B. Bennani-Baiti, S. Toegel, H. Viernstein, E. Urban, C. R. Noe, I. M. Bennani-Baiti Inflammation Modulates RLIP76/RALBP1 Electrophile-Glutathione Conjugate Transporter and Housekeeping Genes in Human Blood-Brain Barrier Endothelial Cells. PLoS ONE <u>2015</u> 10(9): e0139101. doi:10.1371/journal.pone.0139101
[60]	M. Dirin, E. Urban, B. Lachmann, C. R. Noe, J. Winkler Concise postsynthetic preparation of oligonucleotide-oligopeptide conjugates through facile disulfide bond formation Future Medicinal Chemistry <u>2015</u> , 7(13), 1657-1673.
[61]	A. Pitschmann, M. Zehl, E. Heiss, S. Purevsuren, E. Urban, VM. Dirsch and S. Glasl Quantitation of Phenylpropanoids and Iridoids in Insulin-sensitizing Extracts of <i>Leonurus sibiricus</i> L. (Lamiaceae). Phytochemical Analysis <u>2016</u> , 27(1), 23-31.
[62]	T. Schwarz, F. Montanari, A. Cseke, K. Wlcek, L. Visvader, S. Palme, P. Chiba, K. Kuchler, E. Urban, GF. Ecker Subtle Structural Differences Trigger Inhibitory Activity of Propafenone Analogues at the Two Polyspecific ABC Transporters: P-Glycoprotein (P-gp) and Breast Cancer Resistance Protein (BCRP) ChemMedChem <u>2016</u> , 11(12), 1380– 1394.

[63]	S. Saroja, YD. Aher, P. Kalaba, N. Aher, M. Zehl, V. Korz, S. Subramaniyan, AG. Miklosi, L. Zanon, W. Neuhaus, H. Hoeger, T. Langer, E. Urban, J. Leban, G. Lubec, Gert A novel heterocyclic compound targeting the dopamine transporter improves performance in the radial arm maze and modulates dopamine receptors D1-D3 Behavioural Brain Research <u>2016</u> , 312, 127-137.
[64]	M. Dirin, E. Urban, CR. Noe, Christian, J. Winkler Fragment-based solid-phase assembly of oligonucleotide conjugates with peptide and polyethylene glycol ligands European Journal of Medicinal Chemistry <u>2016</u> , 121, 132-142.
[65]	V. Pace, K. de la Vega-Hernandez, E. Urban, Ernst; T. Langer Chemoselective Schwartz Reagent Mediated Reduction of Isocyanates to Formamides Organic Letters <u>2016</u> , 18(11), 2750-2753.
[66]	K. Waldbauer, G. Seiringer, DL. Nguyen, J. Winkler, M. Blaschke, R. McKinnon, E. Urban, A. Ladurner, VM. Dirsch, M. Zehl, B. Kopp Triterpenoic Acids from Apple Pomace Enhance the Activity of the Endothelial Nitric Oxide Synthase (eNOS) Journal of Agricultural and Food Chemistry <u>2016</u> , 64(1), 185-194.
[67]	M. Ru, D. Rossi, A. Marra, M. Paolillo, S. Schinelli, D. Curti, A. Tesei, M. Cortesi, A. Zamagni, E. Laurini, S. Pricl, D. Schepmann, B. Wünsch, E. Urban, V. Pace, S. Collina Synthesis and biological evaluation of new aryl-alkyl(alkenyl)-4-benzylpiperidines, novel Sigma Receptor (SR) modulators, as potential anticancer-agents European Journal of Medicinal Chemistry <u>2016</u> , 124, 649-665.
[68]	Monticelli S, Castoldi L, Murgia I, Senatore R, Mazzeo E, Wackerlig J, Urban E, Langer T, Pace V Recent advancements on the use of 2-methyltetrahydrofuran in organometallic chemistry Monatsh Chem. <u>2017</u> , 148: 37-48.
[69]	Isolation of eudesmanes from <i>Pluchea odorata</i> and evaluation of their effects on cancer cell growth and tumor invasiveness in vitro Blaschke M, Zehl M, Hartl B, Strauß C, Winkler J, Urban E, Krupitza G, Kopp B Phytochemistry <u>2017</u> , 141 37-47.
[70]	Theiler, Barbara A.; Istvanits, Stefanie; Zehl, Martin; Marcourt, Laurence; Urban, Ernst; Caisa, Lugardo O. Espinoza; Glasl, Sabine HPTLC Bioautography Guided Isolation of α -Glucosidase Inhibiting Compounds from <i>Justicia secunda</i> Vahl (Acanthaceae) Phytochemical Analysis <u>2017</u> , 28, 87-92.

[71]	Gert Lubec, Ahmed M. Hussein, Yogesh Aher, Predrag Kalaba, Nilima Y. Aher, Vladimir Dragačević, Bojana Radoman, Marija Ilic, Johann Leban, Tetyana Beryozkina, Abdel Baset M.A. Ahmed, Ernst Urban, Thierry Langer A novel heterocyclic compound improves working memory in the radial arm maze and modulates the dopamine receptor D1R in frontal cortex of the Sprague-Dawley rat Behavioural Brain Research <u>2017</u> , 332, 308-315.
[72]	Kalaba, Predrag; Aher, Nilima Y.; Ilic, Marija; Dragacevic, Vladimir; Wieder, Marcus; Miklosi, Andras G.; Zehl, Martin; Wackerlig, Judith; Roller, Alexander; Beryozkina, Tetyana V.; Radoman, Bojana; Saroja, Sivaprakasam R.; Lindner, Wolfgang; Gonzalez, Eduardo Perez; Bakulev, Vasilij A.; Leban, Johann Jakob; Sitte, Harald H.; Urban, Ernst; Langer, Thierry; Lubec, Gert Heterocyclic Analogues of Modafinil as Novel, Atypical Dopamine Transporter Inhibitors Journal of Medicinal Chemistry <u>2017</u> , 60(22), 9330-9348.
[73]	Mair, C. E., Grienke, U., Wilhelm, A., Urban, E., Zehl, M., Schmidtke, M.; Rollinger, J. M. Anti-Influenza Triterpene Saponins from the Bark of <i>Burkea africana</i> Journal of Natural Products <u>2018</u> , 81, 3, 515-523.
[74]	Kristofova, Martina; Aher, Yogesh D.; Ilic, Marija; Radoman, Bojana; Kalaba, Predrag; Dragacevic, Vladimir; Aher, Nilima Y.; Leban, Johann; Korz, Volker; Zanon, Lisa; Neuhaus, Winfried; Wieder, Marcus; Langer, Thierry; Urban, Ernst; Sitte, Harald H.; Hoeger, Harald; Lubec, Gert; Aradska, Jana A daily single dose of a novel modafinil analogue CE-123 improves memory acquisition and memory retrieval Behavioural Brain Research <u>2018</u> , 343, 83-94.
[75]	Raffaele Senatore, Laura Ielo, Ernst Urban, Wolfgang Holzer, and Vittorio Pace Substituted α -Sulfur Methyl Carbanions: Effective Homologating Agents for the Chemoselective Preparation of β -Oxo Thioethers from Weinreb Amides Eur. J. Org. Chem. <u>2018</u> , 2466–2470.
[76]	Serena Monticelli, Laura Castoldi, Saad Touqeer, Margherita Miele, Ernst Urban, and Vittorio Pace Recent advances in the synthesis and reactivity of spiro-epoxyoxindoles Chemistry of Heterocyclic Compounds <u>2018</u> , 54(4), 389–393.
[77]	Grienke, U., Radić Brkanac, S., Vujčić, V., Urban, E., Ivanković, S., Stojković, R., Rollinger, J. M., Kralj, J., Brozovic, A., Radić Stojković, M. Biological Activity of Flavonoids and Rare Sesquiterpene Lactones Isolated From <i>Centaurea ragusina</i> L. Frontiers in Pharmacology. <u>2018</u> , 9, 972.

[78]	Moges Kibret, Jaime F. Guerrero-Garzón, Ernst Urban, Martin Zehl, Valerie-Katharina Wronski, Christian Rückert, Tobias Busche, Jörn Kalinowski, Judith M. Rollinger, Dawit Abate and Sergey B. Zotchev Streptomyces spp. From Ethiopia Producing Antimicrobial Compounds: Characterization via Bioassays, Genome Analyses, and Mass Spectrometry Frontiers in Microbiology <u>2018</u> , 9, 1270.
[79]	Rui, Marta; Rossino, Giacomo; Coniglio, Stefania; Monteleone, Stefania; Scuteri, Arianna; Malacrida, Alessio; Rossi, Daniela; Catenacci, Laura; Sorrenti, Milena; Paolillo, Mayra; Curti, Daniela; Venturini, Letizia; Schepmann, Dirk; Wunsch, Bernhard; Liedl, Klaus R.; Cavaletti, Guido; Pace, Vittorio; Urban, Ernst; Collina, Simona Identification of dual Sigma1 receptor modulators/acetylcholinesterase inhibitors with antioxidant and neurotrophic properties, as neuroprotective agents European Journal of Medicinal Chemistry <u>2018</u> , 158, 353-370.
[80]	Secondary metabolites from lichen as potent inhibitors of advanced glycation end products and vasodilative agents Schinkovitz Andreas; Le Pogam Pierre; Derbre Severine; Blanchard Patricia; Breard Dimitri; Aumond Marie-Chistine; Baglin Isabelle; Seraphin Denis; Richomme Pascal; Vessieres Emilie; Thirumaran Sangeetha-Laura; Zehl Martin; Urban Ernst; Kaur Amandeep; Jager Nathalie; Kopp Brigitte; Hofer Stefanie; Stuppner Hermann; Tomasi Sophie; Boustie Joel; Henrion Daniel Fitoterapia <u>2018</u> , 131, 182-188.
[81]	Expeditious and Chemoselective Synthesis of α -Aryl and α -Alkyl Selenomethylketones via Homologation Chemistry; Senatore, R.; Ielo, L.; Urban, E.; Holzer, W.; Pace, V.; Org. Lett. <u>2018</u> , 20, 2685-2688
[82]	Grienke, U., Zwirchmayr, J., Peintner, U., Urban, E., Zehl, M., Schmidtke, M. , Rollinger, J. M. Lanostane Triterpenes from Gloeophyllum odoratum and Their Anti-Influenza Effects Planta Medica: <u>2019</u> , 85, 195-202.
[83]	Design, Synthesis, and Pharmacological Evaluation of Novel β 2/3 Subunit-Selective γ -Aminobutyric Acid Type A (GABAA) Receptor Modulators Marco Stadler, Serena Monticelli, Thomas Seidel, Denise Luger, Isabella Salzer, Stefan Boehm, Wolfgang Holzer, Christoph Schwarzer, Ernst Urban, Sophia Khom, Thierry Langer, Vittorio Pace, and Steffen Hering J. Med. Chem. <u>2019</u> , 62(1), 317–341.

[84]	Chemoselective reduction of isothiocyanates to thioformamides mediated by the Schwartz reagent de la Vega-Hernandez, Karen; Senatore, Raffaele; Miele, Margherita; Urban, Ernst; Holzer, Wolfgang; Pace, Vittorio Organic & Biomolecular Chemistry, 2019, 17(7), 1970-1978.
[85]	The Novel Atypical Dopamine Uptake Inhibitor (S)-CE-123 Partially Reverses the Effort-Related Effects of the Dopamine Depleting Agent Tetrabenazine and Increases Progressive Ratio Responding Renee A. Rotolo, Vladimir Dragacevic, Predrag Kalaba, Ernst Urban, Martin Zehl, Alexander Roller, Judith Wackerlig, Thierry Langer, Marco Pistis, Maria Antonietta De Luca, Francesca Caria, Rebecca Schwartz, Rose E. Presby, Jen-Hau Yang, Shanna Samels, Merce Correa, Gert Lubec and John D. Salamone Frontiers in Pharmacology <u>2019</u> , 10, 682.
[86]	A Straightforward Homologation of Carbon Dioxide with Magnesium Carbenoids en Route to α -Halocarboxylic Acids Monticelli, Serena; Urban, Ernst; Langer, Thierry; Holzer, Wolfgang; Pace, Vittorio Advanced Synthesis & Catalysis <u>2019</u> , 361(5) 1001-1006.
[87]	Piperazic acid containing peptides produced by an endophytic Streptomyces sp. isolated from the medicinal plant Atropa belladonna Paulina Bekiesch, Martina Oberhofer, Christina Sykora, Ernst Urban, Sergey B. Zotchev Natural Product Research 2019, DOI: 10.1080/14786419.2019.1639174.

List of Patents

[1]	C. R. Noe, M. Sonntagbauer, E. Urban, S. Queva “Synthesis and use of anthracycline derivatives for treating tumor diseases“ Austrian Pat. Appl. [Pre-Grant] (2014), AT 513522 A1 20140515.
[2]	C. R. Noe, M. Sonntagbauer, S. Queva, E. Urban “Synthesis and use of anthracycline derivatives for treating tumor diseases“ Int. Appl. (2014), WO 2014060408 A1 20140424.
[3]	C. R. Noe, M. Dirin, J. Winkler, B. Lachmann, E. Urban ”Antisense oligonucleotides with improved pharmacokinetic properties” Eur. Pat. Appl. (2015), EP 2845607 A1 20150311.
[4]	C. R. Noe, M. Dirin, J. Winkler, B. Lachmann, E. Urban ”Antisense oligonucleotides with improved pharmacokinetic properties” Int. Appl. (2015), WO 2015032968 A1 20150312.
[5]	C. R. Noe, M. Dirin, J. Winkler, B. Lachmann, E. Urban ”Antisense oligonucleotides with improved pharmacokinetic properties” US Pat. Appl., US9968686 B2 (May 15, 2018).