

## Sebastian Granica

### Lista publikacji

z dnia 31 października 2013

#### Publikacje w czasopismach zagranicznych

1. Granica, S., Kiss, A. K., Jarończyk, M., Maurin, J. K., Mazurek, A. P., Czarnocki, Z., 2013, **Synthesis of imperatorin analogs and their evaluation as acetylcholinesterase and butyrylcholinesterase inhibitors**, *Archiv der Pharmazie* 346: 1-8
2. Granica, S., Czerwinska, M. E., Żyżyńska-Granica, B., Kiss, A. K., 2013, **Antioxidant and anti-inflammatory flavonol glucuronides from *Polygonum aviculare* L.**, *Fitoterapia* 91: 180-188
3. Granica, S., Krupa, K., Kłębowska, A., Kiss, A. K., 2013, **Development and validation of HPLC-DAD-CAD-MS method for qualitative and quantitative standardization of polyphenols in *Agrimoniae eupatoriae herba* (Ph. Eur)**, *Journal of Pharmaceutical and Biomedical Analysis* 86: 112-122
4. Tomczyk, M., Pleszczyńska, M., Wiater, A., Granica, S., 2013, **In vitro anticariogenic effects of *Drymocallis rupestris* extracts and their quality evaluation by HPLC-DAD-MS<sup>3</sup> analysis**, *Molecules* 18: 9117-9131
5. Bazyłko, A., Granica, S., Filipek, A., Piwowarski, J., Stefańska, J., Osińska, E., Kiss, A. K., 2013, **Comparison of antioxidant, anti-inflammatory, antimicrobial activity and chemical composition of aqueous and hydroethanolic extracts of the herb of *Tropaeolum majus* L.**, *Industrial Crops and Products* 50: 88-94
6. Czerwińska, M. E., Granica, S., Kiss, A. K., 2013, **Effects of an aqueous extract from leaves of *Ligustrum vulgare* on mediators of inflammation in a human neutrophils model**, *Planta Medica* 79: 924-932
7. Granica, S., Piwowarski, J., Kiss, A. K., 2013, **Polyphenol composition of extract from aerial parts of *Circaea lutetiana* L. and its antioxidant and anti-inflammatory activity in vitro.**, *Acta Biologica Cracoviensia Series Botanica* 55: 1-8
8. Stolarczyk, M., Piwowarski, J. P., Granica, S., Stefańska, J., Naruszewicz, M., Kiss, A. K., 2013, **Extracts from *Epilobium* sp. herbs, their components and gut microbiota metabolites of *Epilobium* ellagitannins, urolithins, inhibit hormone-dependent prostate cancer cells-(LNCaP) proliferation and PSA secretion**, *Phytotherapy Research* doi: 10.1002/ptr.4941
9. Granica, S., Czerwińska, M. E., Piwowarski, J. P., Ziąja, M., Kiss, A. K., 2013, **Chemical composition, antioxidative and anti-inflammatory activity of extracts prepared from aerial parts of *Oenothera biennis* L. and *Oenothera paradoxa* Hudziok obtained after seeds cultivation**, *Journal of Agricultural and Food Chemistry* 61: 801-810
10. Granica, S., Kiss, A. K., 2013, **Secondary metabolites from aerial parts of *Circaea lutetiana* L.**, *Biochemical Systematics and Ecology* 46: 22-25

11. Granica, S., Piwowarski, J. P., Popławska, M., Jakubowska, M., Borzym, J., Kiss, A. K., 2013, **Novel insight into qualitative standardization of *Polygoni avicularis herba* (Ph. Eur.)**, *Journal of Pharmaceutical and Biomedical Analysis* 72: 216-222
12. Granica, S., Kiss, A. K., 2012, **Secondary metabolites from aerial parts of *Oenothera hoelscheri* Renner ex Rostański**, *Biochemical Systematics and Ecology* 44: 44-47
13. Granica, S., Bazyłko, A., Kiss, A. K., 2012, **Determination of macrocyclic ellagitannin oenothetin B in plant materials by HPLC-DAD-MS: Method development and validation**, *Phytochemical Analysis* 23: 582-587
14. Kiss, A. K., Granica, S., Stolarczyk, M., Melzig, M. F., 2012, **Epigenetic modulation of mechanisms involved in inflammation: influence of selected polyphenolic substances on histone acetylation state**, *Food Chemistry* 131: 1015-1020
15. Wszelaki, N., Paradowska, K., Jamróz, M. K., Granica, S., Kiss, A. K., 2011, **Bioactivity-guided fractionation for the butyrylcholinesterase inhibitory activity of furanocoumarins from *Angelica archangelica* L. roots and fruits**, *Journal of Agricultural and Food Chemistry* 59: 9186-9193
16. Kiss, A. K., Derwińska, M., Granica, S., 2011, **Quantitative analysis of biologically active polyphenols in evening primrose (*Oenothera paradoxa*) seeds aqueous extracts**, *Polish Journal of Food and Nutrition Sciences* 61: 109-113
17. Kiss, A. K., Bazyłko, A., Filipek, A., Granica, S., Jaszewska, E., Kiarszys, U., Kośmider, A., Piwowarski, J., 2011, **Oenothetin B's contribution to the anti-inflammatory and antioxidant activity of *Epilobium* sp.**, *Phytomedicine* 18: 557-560

#### Prace przeglądowe

1. Czerwińska, M. E., Granica, S., Kiss, A. K., 2009, **Penta-O-galoilo- $\beta$ -glukoza - nie tylko antyoksydant. Potencjalne działanie przeciwzapalne, przeciwnowotworowe i przeciwcukrzycowe.**, *Czynniki Ryzyka* 9/2009: 57-64

#### Prace pokonferencyjne i doniesienia zjazdowe

1. Stolarczyk, M., Piwowarski, J., Granica, S., Naruszewicz, M., Kiss, A. K., 18.10.2012-20.10.2012, **The influence of standardized extracts from *Epilobium* sp. herbs on apoptosis of hormone dependent prostate cancer cells (LNCAP)**. *2nd International Conference and Workshop – Plant – the source of reaserch material*, Lublin, Poland
2. Piwowarski, J., Granica, S., Kosiński, M., Kiss, A. K., 18.10.2012-20.10.2012, **Phytochemical screening of *Gei urbani radix cum rhizoma* and its anti ECM degrading activity.**, *2nd International Conference and Workshop – Plant – the source of reaserch material*, Lublin, Poland
3. Piwowarski, J., Granica, S., Kiss, A. K., 08.07.2013-10.07.2013, **Influence of urolithins on prevention and extracellular matrix degradation triggered by stimulated neutrophils**, *The 17th International Congress Phytopharm 2013*, Vienna, Austria, *Obzory po kliniceskoj farmacologii i lekarstvennoj terapii* 11: 74

4. Piwowarski, J. P., Granica, S., Kiss, A. K., 01.09.2013-05.09.2013, **Isolation of ellagitannins from *Gei urbani radix cum rhizoma* and determination of extract's anti-inflammatory activity**, *61st International Congress and Annual Meeting of the GA*, Munster, Germany, *Planta Medica* 79: 1156
5. Piwowarski, J. P., Granica, S., Kiss, A. K., 01.09.2013-05.09.2013, **Infulence of gut flora-derived ellagitannins' metabolites - urolithins on production and release of pro-inflammatory factors from stimulated neutrophils in the context of cardiovascular disease prevention.**, *61st International Congress and Annual Meeting of the GA*, Munster, Germany, *Planta Medica* 79: 1121