

PAPERS LIST

1. Pál SALAMON, Csongor K. ORBÁN, Katalin MOLNÁR-NAGY, Zita KOVÁCS, Klára VÁNCSEA, Emese BÁLINT, Ildikó MIKLÓSSY, Beáta ALBERT, Gyöngyi TAR, Szabolcs LÁNYI, Study of native SMAC protein production in the pUbiq expression system: molecular cloning, biosynthesis and molecular modelling, *Electronic Journal of Biotechnology*, 2022, ISSN 0717-3458, Impact factor: 2.8)
2. Katalin Nagy, Zita Kovács, Ildikó Miklóssy, Pál Salamon, Csongor-Kálmán Orbán, Beáta Albert, Szabolcs Lányi, Detergent aided refolding and purification of recombinant XIAP from inclusion bodies, *Studia Universitatis Babes-Bolyai, Seria Chemia*, LXVI, 4, 2021 (p. 355-368), ISSN (Print): 1224-7154, Impact Factor: 0.447
3. Katalin NAGY, Csongor-Kálmán ORBÁN, Beáta ALBERT, Szabolcs LÁNYI, Biosynthesis of BIR3 domain of inhibitor of apoptosis proteins, *Scientific Bulletin Series B: Chemistry and Materials Science*, Vol. 81, Iss. 4, 2019, ISSN 1454-2331.
4. Katalin NAGY, Zita KOVÁCS, Pál SALAMON, Csongor-Kálmán ORBÁN, Szabolcs LÁNYI, Beáta ALBERT, Enhanced heterologous expression in *E.coli*, *Studia Universitatis Babes-Bolyai, Seria Chemia*, LXIV, 2, Tom I, 2019 (p. 101-110), ISSN (Print): 1224-7154, 2019, Impact Factor: 0.494
5. Pál SALAMON, Ildikó MIKLÓSSY, Beáta ALBERT, Mónika KORODI, Katalin NAGY, Ildikó BAKOS, Szabolcs LÁNYI, Csongor ORBÁN, Heterologous expression and purification of recombinant proapoptotic human protein SMAC/diablo with EGFP as fusion partner, *Studia Universitatis Babes-Bolyai, Seria Chemia*, LXII, 2, Tom II, 2017 (p. 333-345), ISSN (Print): 1224-7154, 2017, Impact Factor: 0.305

SCIENTIFIC MEETINGS ATTENDED

1. Krisztina KOVÁCS, Katalin MOLNÁR-NAGY, Zita KOVÁCS, Kálmán-Csongor ORBÁN, Beáta ALBERT, Biosynthesis and purification of apoptosis modulating BIR3 domain of IAP2, *25rd International Conference on Chemistry*, Cluj-Napoca, Romania, octombrie 24–26, 2019.
2. Pál SALAMON, Ildikó MIKLÓSSY, Katalin NAGY, Zita KOVÁCS, Szabolcs LÁNYI, Csongor-K. ORBÁN, Beáta ALBERT, Analysis of protein-protein interactions in cell death control, *25rd International Conference on Chemistry*, Cluj-Napoca, octombrie 24–26, 2019.
3. Nagy Katalin, Kovács Zita, ORBÁN Kálmán-Csongor, LÁNYI Szabolcs, ALBERT Beáta, A humán XIAP refoldálása, *XII. Szent-Györgyi Albert Konferencia*, Budapest, aprilie 5-6, 2019.
4. SALAMON Pál, NAGY Katalin, KOVÁCS Zita, ALBERT Beáta, MIKLÓSSY Ildikó, Lányi Szabolcs, ORBÁN Csongor-K., A kaszpáz 9 szerepe a kaszpáz függetlennek vélt „öngyilkos” sejthalál programban, *XII. Szent-Györgyi Albert Konferencia*, Budapest, aprilie 5-6, 2019.
5. Katalin NAGY, Csongor-Kálmán ORBÁN, Beáta ALBERT, Zita KOVÁCS, Pál SALAMON, Szabolcs LÁNYI, Biosynthesis, purification and protein-protein interaction studies of BIR3 domain of IAP's, *24rd International Conference on Chemistry*, Szovátafürdő, octombrie 24-28, 2018.

- 6.** Zita KOVÁCS, Beáta ALBERT, Csongor-Kálmán ORBÁN, Katalin NAGY, Pál SALAMON, Szabolcs LÁNYI, Molecular cloning of human Tyrosine Kinase FER and heterologous expression, *24rd International Conference on Chemistry*, Szovátafürdő, octombrie 24-28, 2018.
- 7.** SALAMON Pál, NAGY Katalin, KOVÁCS Zita, Beáta ALBERT, Ildikó MIKLÓSSY, Szabolcs LÁNYI, Csongor-Kálmán ORBÁN, Biosynthesis of Necroptosis Modulating Human Proteins, *24rd International Conference on Chemistry*, Szovátafürdő, octombrie 24-28, 2018.
- 8.** Katalin NAGY, Csongor-Kálmán ORBÁN, Beáta ALBERT, Ildikó MIKLÓSSY, Szabolcs LÁNYI, Biosynthesis, purification and chemical labelling of AVPI binding motif containing Smac mimetics, *23rd International Conference on Chemistry*, Deva, octombrie 25-28, 2017.
- 9.** Zita KOVÁCS, Csongor-Kálmán ORBÁN, Beáta ALBERT, SALAMON Pál, Mónika KORODI, Katalin NAGY, Optimizing the heterologous expression of Inhibitor of Apoptosis Proteins (IAP), *23rd International Conference on Chemistry*, Deva, octombrie 25-28, 2017.
- 10.** Katalin NAGY, Csongor-Kálmán ORBÁN, Beáta ALBERT, Ildikó MIKLÓSSY, Szabolcs LÁNYI, SMAC „mimicking” peptides: cloning, heterologous expression with fusion partner and purification, *22rd International Conference on Chemistry*, Temesvár, noiembrie 3-6, 2016.