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Nagrody Polskiego Towarzystwa Fitopatologicznego
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Wykaz publikacji stanowiących osiągnięcie:

mgr Agata Motyka

1) **Motyka, A.**, Zoledowska, S., Sledz, W., & Lojkowska, E. (2017). Molecular methods as tools to control plant diseases caused by *Dickeya* and *Pectobacterium* spp: A minireview. *New Biotechnology*, 39; 181-189. <https://doi.org/10.1016/j.nbt.2017.08.010>

2) **Motyka, A.***, Dzimitrowicz, A.*, Jamroz, P., Lojkowska, E., Sledz, W., & Pohl, P. (2018). Rapid eradication of bacterial phytopathogens by atmospheric pressure glow discharge generated in contact with a flowing liquid cathode. *Biotechnology and Bioengineering*.
<https://doi.org/10.1002/bit.26565>

*równy wkład dwóch pierwszych autorów

3) Dzimitrowicz, A.*, **Motyka, A.***, Jamroz, P., Lojkowska, E., Babinska, W., Terefinko, D., Pohl, P., & Sledz, W. (2018). Application of Silver Nanostructures Synthesized by Cold Atmospheric Pressure Plasma for Inactivation of Bacterial Phytopathogens from the Genera *Dickeya* and *Pectobacterium*. *Materials*, 11(3); 331. doi:10.3390/ma11030331

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4) Zoledowska, S., **Motyka, A.**, Zukowska, D., Sledz, W., & Lojkowska, E. (2018). Population structure and biodiversity of *Pectobacterium parmentieri* isolated from potato fields in temperate climate. *Plant Disease*, 102(1); 154-164. <https://doi.org/10.1094/PDIS-05-17-0761-RE>

5) Sledz, W., Los, E., Paczek, A., Rischka, J., **Motyka, A.**, Zoledowska, S., Piosik, J. & Lojkowska, E. (2015). Antibacterial activity of caffeine against plant pathogenic bacteria. *Acta Biochimica Polonica*, 62(3); 605-612. http://dx.doi.org/10.18388/abp.2015_1092

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<https://doi.org/10.1094/PDIS-04-15-0439-RE>
- 7) Ossowska, K., Czerwicka, M., Sledz, W., Zoledowska, S., **Motyka, A.**, Szulta, S., Lojkowska, E., & Kaczyński, Z. (2016). The structure of O-polysaccharides isolated from plant pathogenic bacteria *Pectobacterium wasabiae* IFB5408 and IFB5427. *Carbohydrate Research*, 426; 46-49.
<https://doi.org/10.1016/j.carres.2016.03.017>
- 8) Dzimitrowicz, A., Berent, S., **Motyka, A.**, Jamroz, P., Kurcbach, K., Sledz, W., & Pohl, P. (2016). Comparison of the characteristics of gold nanoparticles synthesized using aqueous plant extracts and natural plant essential oils of *Eucalyptus globulus* and *Rosmarinus officinalis*. *Arabian Journal of Chemistry*. <https://doi.org/10.1016/j.arabjc.2016.09.007>
- 9) Sledz, W., Zoledowska, S., **Motyka, A.**, Kadzinski, L., & Banecki, B. (2017). Growth of bacterial phytopathogens in animal manures. *Acta Biochimica Polonica*, 64(1); 151-159.
https://doi.org/10.18388/abp.2016_1389.
- 10) Dees, M. W., Lebecka, R., Perminow, J. I. S., Czajkowski, R., **Motyka, A.**, Zoledowska, S., Sliwka, J., Lojkowska, E., & Brurberg, M. B. (2017). Characterization of *Dickeya* and *Pectobacterium* strains obtained from diseased potato plants in different climatic conditions of Norway and Poland. *European Journal of Plant Pathology*, 148(4); 839-851. DOI: 10.1007/s10658-016-1140-2
- 11) Sledz, W., **Motyka, A.**, Zoledowska, S., Paczek, A., Los, E., & Rischka, J. (2017). Influence of Exogenously Supplemented Caffeine on Cell Division, Germination, and Growth of Economically Important Plants. Rozdział w monografii zbiorowej "The Question of Caffeine". ed. Jolanta Latosińska, Rijeka, InTech, ISBN 978-953-51-3274-5. zaakceptowano do druku 09.02.17 DOI: 10.5772/67799
- 12) Ossowska, K., Czerwicka, M., Sledz, W., Zoledowska, S., **Motyka, A.**, Golanowska, M., Condemine, G., Lojkowska, E., & Kaczyński, Z. (2017). The uniform structure of O-polysaccharides isolated from *Dickeya solani* strains of different origin. *Carbohydrate Research*, 445, 40-43.
<https://doi.org/10.1016/j.carres.2017.04.001>
- 13) Dzimitrowicz, A., Jamroz, P., Gil, W., Bojszczak, W., **Motyka, A.**, Pogoda, D., & Pohl, P. (2017). Fermented juices as reducing and capping agents for the biosynthesis of size-defined spherical gold nanoparticles. *Journal of Saudi Chemical Society*. <https://doi.org/10.1016/j.jscs.2017.12.008>