



INTERNATIONAL SOPOT YOUTH CONFERENCE Entitled: WHERE THE WORLD IS HEADING

Institute of Oceanology Polish Academy of Sciences
Powstancow Warszawy 55, Sopot

11 June 2021

List of posters

1. Study of guided wave coupling phenomena in optical fibers.
Kaleeswaran Balasubramaniam, Polish Academy of Sciences, Gdansk, Poland
2. Family functioning during the COVID-19 pandemic in perception of young adults.
Maciej Bartecki, University of Gdansk, Gdansk, Poland
3. Relevant metals for neurotoxicity in particulate matter: A case study.
Francesca Chiodaroli et al., University of Milano, Milan, Italy
4. Effects of genistein on disturbed cytoskeleton in fibroblasts derived from patients suffering from mucopolysaccharidoses.
Zuzanna Cyske et al., University of Gdansk, Gdansk, Poland
5. Molecular characterization of a family A DNA polymerase from *Thermus thermophilus* MAT72 phage vB_Tt72, an enzyme with strong proofreading activity.
Sebastian Dorawa et al., University of Gdansk, Gdansk, Poland
6. Minocycline attenuates spatial memory impairment in rats with streptozotocin-induced sporadic form of Alzheimer's disease model.
Sandra Frycz et al., University of Gdansk, Gdansk, Poland
7. A Meal in the Flesh – An Impact of Individualization (versus Categorization) on Instrumental Use of Animals.
Aleksandra Hallmann and Natalia Jaguszewska, SWPS University, Sopot, Poland
8. The role of small, non-coding RNA molecules in the regulation of repression-antirepression system of phage $\Phi 24B$.
Natalia Lewandowska et al., University of Gdansk, Gdansk, Poland



9. Therapeutic implications of targeting heat shock protein 70 by immunization or antibodies in experimental skin inflammation.
Jagoda Mantej et al., University of Gdansk, Gdansk, Poland
10. Environmental DNA: a case study of marine biodiversity monitoring on past and present.
Ngoc-Loi Nguyen et al., Polish Academy of Sciences, Sopot, Poland
11. Dynamics of telomere length in diploid and triploid rainbow trout (*Oncorhynchus mykiss*) at different developmental stages.
Ligia Panasiak and Konrad Ocalewicz, University of Gdansk, Gdynia, Poland
12. Galactooligosaccharides improves social novelty preference in rats disturbed by long-term electrical stimulation of the central amygdala.
Natalia Piekarczyk, University of Gdansk, Gdansk, Poland
13. Seasonal variability of mercury concentration (Hg) in soft tissue of zebra mussel (*Dreissena polymorpha*) in Vistula Lagoon.
Angela Poplawska et al., University of Gdansk, Gdynia, Poland
14. The general mood of psychology students during the COVID-19 pandemic.
Wiktoria Rutkowska et al., University of Gdansk, Gdansk, Poland
15. Leaving from a coal-based economy in Europe.
Olena Kulakovska et al., University of Lodz, Lodz, Poland
16. The effect of age and dimethyl fumarate therapy on neurogenesis in the rat model of Alzheimer's disease.
Katarzyna Sawicka et al., University of Gdansk, Gdansk, Poland
17. Autologous extracellular Hsp70 exerts a dual role in rheumatoid arthritis.
Krzysztof Sitko et al., University of Gdansk, Gdansk, Poland
18. The role of AP-1, PPAR-gamma1 and PPAR-gamma2 transcription factors in lysosomal storage diseases of the group mucopolysaccharidoses.
Maja Sochocka et al., University of Gdansk, Gdansk, Poland
19. Characterization of novel antibacterial peptide Intestinalin.
Monika Szadkowska et al., University of Gdansk, Gdansk, Poland
20. Recalibration of mercury fractionation method using thermodesorption technique: problems and solutions.
Bartłomiej Wilman et al., University of Gdansk, Gdynia, Poland



21. The level and impact of molecular chaperones on GPER receptor aggregation in mucopolysaccharidosis.
Magdalena Zabinska et al., University of Gdansk, Gdansk, Poland
22. Machine Learning Categorization of Stars: Binary Classification Based on Predicted Habitability of Exoplanets.
Renee Zbizika, John L. Miller, Great Neck, US
23. Differences in gene expression patterns between Sanfilippo disease subtypes.
Karolina Wiśniewska, University of Gdansk, Gdańsk, Poland