



List of posters:

1. The differences of atmospheric conditions between fjords: Porsanger, Hornsund and Kongsfjord.
P. Aniśkiewicz, M. Stramska, IO PAN, Centre for Polar Studies KNOW
2. The application of high performance liquid chromatography coupled with mass spectrometry for non-targeted and targeted screening of drugs and psychoactive substances in biological samples.
J. Aszyk, A. Kot-Wasik University of Gdansk
3. How to see what can be seen in a fjord? Field bio-optical experiment in Porsangerfjorden (Norway).
J. Białogrodzka, University of Szczecin, IO PAN
4. The influence of parentification on young adult's self-esteem.
J. Borchet, A. Lewandowska-Walter, University of Gdansk
5. Sulforaphane activates autophagy via AMPK-mTORC1-S6K1 pathway in normal human fibroblasts.
J. Brokowska, A. Herman-Antosiewicz, A. Hac, University of Gdansk
6. Geological structure and hydrogeological conditions of Olsztyn city in the context of heat pumps performance.
E. Bubliewska, A. Porazińska, Ż. Kłostowska, University of Gdansk
7. The use of membrane separation in the protection of the aquatic environment.
A. Drost, F. B. Harasimiuk, A. Nędzarek, West Pomeranian University of Technology Szczecin
8. The role of orf61, orf73, ea22 and ea8.5 genes from the exo-xis region in the development of λ and ϕ 24B phage mutant.
A. Dydecka, S. Bloch, A. Necel, G. Topka, K. Licznerska, T. Gąsior, B. Nejman-Faleńczyk, G. Węgrzyn, A. Węgrzyn, University of Gdansk
9. Assessment of inorganic compounds in the Toulon's Bay.
M. Gallien, Université de Toulon
10. Otoliths microstructure of larval pike (*Esox lucius* L.) - record of early life history.
M. Greszkiewicz, A. M. Lejk, D. P. Fey, National Marine Fisheries Research Institute



11. From registered inhabitants towards urban civic stakeholders.
P. Grzyś, University of Gdansk
12. Influence of ClpB protein on the survival of Escherichia coli treated with thyme oil.
M. Jaskólkowska, D. Raszevska, W. Wyrwas, N. Filipowicz, T. Wenta, D. Żurawa-Janicka, P. Glaza, B. Lipińska, University of Gdansk, Medical University of Gdansk
13. Foraminifera – a sensitive indicator for climate changes in the Arctic and Antarctic.
P. Jernas, University of Tromsø
14. Physical and chemical parameters of groundwater in Hel area.
M. Klebba, L. Łęczyński, Ż. Kłostowska, University of Gdansk
15. Characteristics of growth rate and lipids content in the selected species of green algae and their potential use for biofuel production.
M. Klin, F. Pniewski, University of Gdansk
16. Characteristics of fatty acid content of selected species green algae and their potential use in mass cultures.
M. Klin, F. Pniewski, University of Gdansk
17. A/T-rich sequence boundaries and transcriptional slippage effectiveness.
D. Kościelniak, E. Wons, M. Sętkas, University of Gdansk
18. The influence of hydrostatic pressure on sorption process of pentachlorophenol (PCP) on marine bottom sediments.
K. Lewandowski, E. Niemirycz, University of Gdansk
19. Using two for the price of one: molecular and micromorphological data in plant taxonomy exemplified with family Orchidaceae Juss.
M. Lipińska, I. Skorowska, University of Gdansk
20. Allelopathic effects of Synechococcus sp. on blooms of filamentous Baltic cyanobacteria.
J. Maculewicz, S. Śliwińska-Wilczewska, A. Sobczyk, M. Klin, A. Latała, University of Gdansk
21. Deletions in the exo-xis region effect on the induction of prophage and survival of host cells after infection with regard to λ and ϕ 24B phages.
A. Necel, K. Licznarska, S. Bloch, A. Dydecka, G. Topka, T. Gąsior, B. Nejman-Faleńczyk, G. Węgrzyn, A. Węgrzyn, University of Gdansk, Polish Academy of Sciences
22. What future for planktonic communities?
M. Peralez, Université de Toulon



23. Lysosomal degradation of the mutant huntingtin protein in genistein-treated human cells as a novel approach for the treatment of Huntington's disease.
K. Pierzynowska, A. Hać, N. Niedziałek, J. Mantej, S. Barańska, G. Węgrzyn, University of Gdansk
24. Application of GIS in the elaboration of reinterpretation key of agricultural soil maps to evaluate the transformation of soil erosion.
S. Pindral, M. Świtoniak, Nicolaus Copernicus University
25. Spatial fluctuations of calcium carbonate in surface sediments of the Gdansk Basin.
B. Semerak, L. Łęczyński, Ż. Kłostowska, University of Gdansk
26. Allelopathic activity of picocyanobacterium *Synechococcus* sp. on selected microalgae and pelagic larvae of benthic invertebrates.
A. Sobczyk, S. Śliwińska-Wilczewska, J. Maculewicz, M. Klin, A. Latała, University of Gdansk
27. Seasonal variability of chemical parameters of seepage water on the selected slopes of the cliff on Polish coast.
A. Spizewska, Ż. Kłostowska, L. Łęczyński, University of Gdansk
28. Impact of ionic liquid [BMIM]Cl on microphytobenthos communities of Gulf of Gdansk in toxicity tests.
Z. Sylwestrzak, A. Zgrundo, K. Lejk, F. Pniewski, A. Latała, University of Gdansk
29. The neurocybernetic perspective of reshaping the future of humankind.
M. Sekulski, P. Szalk, Nicolaus Copernicus University
30. Underwater noise generated by microbreakers.
J. Szuszkiewicz, Z. Klusek, N. Gorska, University of Gdansk
31. The role of the open reading frames: orf60a and orf63 from the exo-xis regions of λ and ϕ 24B phages in their development.
G. Topka, A. Necel, S. Bloch, B. Nejman-Faleńczyk, A. Dydecka, K. Licznarska, T. Gąsior, G. Węgrzyn, A. Węgrzyn, University of Gdansk, Polish Academy of Sciences
32. Host's antiviral features depend on balance between DNA methylation and restriction.
K. Wilkowska, I. Mruk, M. Sęktas, University of Gdansk
33. Variability in time the content of petroleum substances in the surface layer of bottom sediments in estuary of Vistula.
D. Zarzeckańska, N. Gibczyńska, M. Figurski, Ż. Kłostowska, L. Łęczyński, University of Gdansk