



Centrum
Studiów
Polarnych



today
we have



trojmiasto.pl



INTERNATIONAL SOPOT YOUTH CONFERENCE Entitled: WHERE THE WORLD IS HEADING

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

26 May 2017

List of Posters

1. Comparison of water temperature, salinity and current data from the Nordflux project with results from ROMS model in the Porsanger fjord
P. Aniskiewicz, M.S. Mykvol, M. Stramska, K.Y. Børshheim, IO PAN
2. Statistical analysis of meteorological conditions in two fjords located in the European Arctic region
P. Aniskiewicz, M. Stramska, T. Wawrzyniak, IO PAN
3. Potential cardiotoxicity of urethane in Wistar male rats
L. Braszka, P. Zawistowski, A. Piwka, W. Zakowski, University of Gdansk
4. Induction of persistent genotoxic stress as a mechanism of the selective anticancer activity of isothiocyanates
J. Brokowska, A. Hac, G. Wegrzyn, A. Herman-Antosiewicz, University of Gdansk
5. Killer Social Media
J. Bukowska, E. Bukowska, University of Gdansk
6. Recognition of picocyanobacteria photochemical characteristics on the basis of laboratory experiments
A. Cieszynska, S. Sliwinska-Wilczewska, J. Maculewicz, M. Stramska, IO PAN
7. The Earth limits
E. Dolega, University of Gdansk
8. Marine alternatives against antibiotic-resistant microbes
W. Dolynny, A. Torunska-Sitarz, University of Gdansk
9. The role of open reading frame 63 (orf63) from the exo-xis region of lambdoid phages in the development of these phages
A. Dydecka, S. Bloch, G. Topka, B. Nejman-Falenczyk, A. Necel, K. Licznarska, T. Gasior, G. Wegrzyn, A. Wegrzyn, University of Gdansk
10. How to deal with the global standardization? Global challenges – local responses
P. Grzys, University of Gdansk



11. Environmental determinants of invertebrate taxonomic diversity in temporary waters of the upper and middle Limpopo River basins in Botswana and South Africa
M. Haraburda, A. Szwarc, N. Walczuk, T. Namiotko, University of Gdansk
12. X chromosome inactivation analysis in healthy females in different age groups and different tissues
P. Juchniewicz, K. Portalska, A. Kloska, G. Wegrzyn, J. Jakobkiewicz-Banecka, E. Piotrowska, University of Gdansk
13. Features of the productive mRNA transcriptional slippage sequences
D. Koscielniak, E. Wons, M. Szadkowska, M. Sektas, University of Gdansk
14. Evaluation of ITS rDNA, mtSSU rDNA and MCM7 markers for analysis of intraspecific genetic diversity of lichen-forming fungus *Protoparmeliopsis muralis*
M. Kosecka, B. Guzow-Krzeminska, University of Gdansk
15. Effect of Naturally Occurring Isothiocyanates on *Vibrio cholerae*
K. Krause, D. Nowicki, A. Szalewska-Palasz, University of Gdansk
16. Ecumenical education as a significant element of the whole of society
D. Kuberska, A. J. Karpinski, University of Gdansk
17. The advantages of technological progress
M. Laskowska, D. Pietrzyk, A. Zakrzewski, University of Gdansk
18. Loesje as an example of postcolonial thinking
J. Laszcz, University of Gdansk
19. Story of the „missing” *atp8* gene. Based on real... *Mytilus edulis* tissue samples
M. Lubosny, A. Przylucka, B. Smietanka, A. Burzynski, IO PAN
20. Allelopathic interactions between three strains of Baltic picocyanobacterium *Synechococcus* sp.
J. Maculewicz, S. Sliwinska Wilczewska, A. Latala, University of Gdansk
21. Bacteriophage *vb_Eco4M-7* – a new hope in fight against Enterohemorrhagic *Escherichia coli* infections (EHEC)
A. Necel, G. Topka, A. Dydecka, S. Bloc, B. Nejman-Falenczyk, T. Gasior, K. Kwasnicka-Kosznik, L. Nowakowski, L. Grabowski, A. Wegrzyn, G. Wegrzyn, University of Gdansk
22. Identifying the mechanisms underpinning transport of amyloid precursor protein from the endoplasmic reticulum to the cytosol
J. Nowakowska, M. Slominska-Wojewodzka, IBB PAN



23. Medial septum NMDA receptor activation and neuro-immune interactions in rats exposed to novelty test
M. Podlacha, D. Myslinska, I. Majkutewicz, A. Wadolowska, G. Jerzemowska, K. Plucinska, E. Kurowska, J. Rucinski, D. Wrona, University of Gdansk
24. Three channel WET Star in situ fluorometer as a useful tool for characterization of Dissolved Organic Matter (DOM) and refinement of water masses classification in the Nordic Seas
A. Raczkowska, P. Kowalczyk, S. Sagan, M. Zablocka, C. Stedmon, M. Granskog, IO PAN
25. Carapace shape disparity in a non-marine cosmopolitan mussel shrimp *Heterocypris incongruens* (Ramd.) (Ostracoda) with reference to the genetic variation
J. Rychlinska, J. Baran, L. Namiotko, A. Kilikowska, J. Sell, T. Namiotko, University of Gdansk
26. Response of marine bacteria in multi-organism system to stress factors
M. Sadowska, P. Golec, A. Szalewska-Palasz, University of Gdansk
27. Leading modes of Arctic sea ice variability and their local and global atmospheric imprints in the era of satellite observations
K. Schlichtholz, P. Schlichtholz, University of Gdansk
28. Paraglacial sequence in early development of talus slopes: the example of slopes near the Hans Glacier on SW Spitsbergen
K. Senderak, University of Silesia
29. Allelopathic activity of the picocyanobacterium *Synechococcus* sp. on a natural plankton community
S. Sliwinska-Wilczewska, J. Maculewicz, A. Cieszynska, A. Latala, University of Gdansk
30. Otolith biochronology as an indicator of marine fish responses to hydroclimatic conditions and ecosystem regime shifts
S. Smolinski, Z. Mirny
31. The role of EDEM3 in ricin cytotoxicity and its transport from the endoplasmic reticulum to the cytosol
H. Sominka, J. Nowakowska, M. Sobolewska, M. Slominska-Wojewodzka, University of Gdansk
32. Arsenic concentrations in Baltic Sea bottom sediments
M. Szubska, J. Beldowski, IO PAN
33. Underwater noise characteristics of the small scale spilling breakers
J. Szuszkiewicz, Z. Klusek, University of Gdansk



34. Characterization of selected bacteriophages isolated from urban sewages
G. Topka, S. Bloch, B. Nejman-Falenczyk, A. Jurczak-Kurek, A. Dydecka, A. Necel, T. Gasiór, G. Wegrzyn, A. Wegrzyn, University of Gdansk
35. Protein production level creates the proper functional balance between restriction and modification enzymes
K. Wilkowska, M. Sektas, University of Gdansk
36. Internal and external factors determining PAHs deposition in household dust in the Tri-city region
K. Wisniewska, A. Lewandowska, University of Gdansk
37. Prognostic significance of gene expression and DNA methylation analysis of selected DNA repair genes in bladder cancer using artificial neural networks
A. Wojtczyk, P. Schlichtholz, M. Presler, J. Michajlowski, M. Matuszewski, B. Schlichtholz, Medical University of Gdańsk
38. Determination of amphetamine and amphetamine analogs in blood by GC-MS/MS technique
M. K. Wozniak, M. Wiergowski, J. Aszyk, P. Kubica, M. Biziuk, Gdansk University of Technology
39. Orexin peptides distribution across the brain and their new possible applications
P. Zawistowski, L. Braszka, A. Piwka, W. Zakowski, University of Gdansk