

1st Symposium on Theranostics

Sunday 10 October 2021

Poster Session (12:20-16:30)

-Conveners: Szymon Niedźwiecki; Magdalena Skurzok

[id] title	presenter	board
[10] Impact of PRRT with the use of ⁹⁰ Y/ ¹⁷⁷ LuDOTA-TATE to change of SUVs obtained in ⁶⁸ Ga-DOTA-TATE PET/CT in patients with neuroendocrine tumors – does the use of a theroanostic pair of radiopharmaceuticals may affect the estimation of survival after PRRT?	OPALIŃSKA, Marta	1
[14] The in vitro study of the toxicity and therapeutic effects of iron oxide nanoparticles with different core size	JANIK-OLCHAWA, Natalia	2
[16] CPT symmetry test in positronium annihilations with the J-PET detector	CHUG, Neha	3
[19] The use of x-ray volume imaging system for verification of the positioning accuracy during stereotactic radiotherapy of the head and lungs	MATUSIAK, Katarzyna	4
[20] Event Identification in Compton Camera Imaging via Machine Learning for Proton Therapy Monitoring	KAZEMI KOZANI, Majid	5
[22] A simulation study to compare performance of analog and digital silicon photomultiplier tube by LTspice package	TAYEFI ARDEBILI, Keyvan	6
[25] Positronium biomarker in 3D melanoma spheroid model, a novel probe for cancer diagnosis	KARIMI, Hanieh	7
[27] Optimization and enhancement of CNR in MRI using core/shell contrast agent	MACDONALD, David	8
[28] Comparison of SP3 and S-Trap LC-MS/MS approaches in proteomic analysis of ectosomes derived from thyroid cancer and normal thyroid follicular cells	SURMAN, Magdalena	9
[31] Classification of heavy metal contaminated samples based on micro-CT images using machine learning algorithms	PANEK, Dominik	10
[32] A new model for spheroid growth	SZCZEPANEK, Monika	11
[38] Spectrometric study of biomolecular differences of β -cell EVs subpopulations from hyperglycemic conditions	MARZEC, Magdalena	12
[40] ATR-FTIR spectroscopy of extracellular vesicles derived from endothelial cells cultured in hyperglycemic conditions	RZAÇA, Carina	13
[41] The Present and the future of Breast Cancer diagnosis	., Shivani	14
[44] Cyclotron produced gallium-68 chloride [⁶⁸ Ga]GaCl ₃ as an alternative to ⁶⁸ Ge/ ⁶⁸ Ga generators	BORATYŃSKI, Jakub JAGODZIŃSKI, Michał	15
[49] Free radicals influence on the positronium lifetime in melanocytes and melanomas cell cultures	KUBICZ, Ewelina	16
[54] Physicochemical characteristic of poly(amidoamine) dendrimers are their application in controlled drug delivery systems	SZOTA, Magdalena	17
[34] Fast scanning of spent nuclear fuel dry storage casks using cosmic ray muons: Monte Carlo simulation study.	GEORGADZE, Anzori	18
[56] Convolutional neural networks in classification of multi-photon coincidences in J-PET scanner	KONIECZKA, Paweł	19

[57] Simulations of absorption in the brain of gamma quanta from positronium atoms	JĘDRUSZCZAK, Agata	20
[58] The development of a method for determining ortho-Positronium mean lifetime in extracellular vesicles using Positron Annihilation Lifetime Spectroscopy	NIZIOŁ, Julia	21
[61] BSA as a biologically active nanocarriers – computational studies	RAKOWSKI , Kamil	22
[68] Assessment of the influence of the Beta parameter in the reconstruction of Q.Clear.	SKÓRKIEWICZ, Konrad	23
[69] Myocardial perfusion scintigraphy - criteria of SPECT/CT protocol selection.	Mr KANIA-KUC, Adrian	24