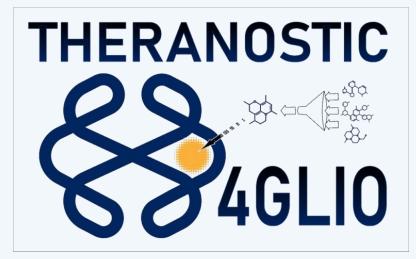




1<sup>st</sup> International Workshop on the Development of Innovative Theranostic Platforms for Glioblastoma Diagnosis and Treatment



Theranostic4GLIO

## July 21st 2025

## DEPARTMENT OF CHEMISTRY, UNIVERSITY OF IOANNINA, IOANNINA, GREECE

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Monday 21st of July 2025		
Time (EEST, UTC+3)	Session / Speaker / Title	
10:30-11:00	Arrival	
11:00-11:15	Welcome Remarks:	
	Dimitra Chela, Professor, President of the Department of Chemistry, University of Ioannina	
	Andreas Tzakos, Professor, Department of Chemistry, University of Ioannina	
11:15-11:30	"Designing of peptides-based theragnostic molecules for selective targeting of glioblastoma" <u>Aaqib Ullah</u> , Ph.D Department of Chemistry, University of Ioannina, Ioannina, Greece	
11:30-11:45	"Multimodal Theranostic Approaches for Glioblastoma Using Fluorescent–DOTA–Radiometal Conjugates" <u>Murugan Chinnarasu,</u> Chemist, MSc., PhD Candidate Department of Chemistry, University of Ioannina, Ioannina, Greece	
11:45-12:00	<i>"Establishment of novel LC-MS based methods for quantification of innovative theranostics in human plasma"</i> <u>Nikolaos Parisis</u> , Chemist, MSc., PhD Candidate Department of Chemistry, University of Ioannina, Ioannina, Greece	



Monday 21st of July 2025		
12:00-12:15	"Radiolabeling of A Novel Triazine-Based Molecule with Technetium- 99m as A Theranostic Tool for Glioma" Adamantia P. Apostolopoulou, Chemist MSc., PhD Candidate in Radiopharmaceuticals Radiochemical Studies Laboratory, National Center for Scientific Research "Demokritos"	
12:15-12:30	"In vivo Tracking of Cell-Penetrating Peptides After Radiolabeling with Theranostic Radionuclides" <u>Danae Efremia Bajwa</u> , Radiochemist, PhD candidate Radiochemical Studies Laboratory, National Center for Scientific Research "Demokritos"	
12:30-12:45	"Radiolabeling of novel peptide conjugate with positron emitter Ga-68 for glioma diagnosis" Danai Bouzioti, Radiochemist, MSc. Radiochemical Studies Laboratory, National Center for Scientific Research "Demokritos"	
12:45-13:00	"Design, synthesis and evaluation of napthalimide-based platform as theranostic agent for imaging and treatment of glioma" <u>Vasileios-Panagiotis Bistas</u> , Chemist, MSc Department of Chemistry, University of Ioannina, Ioannina, Greece	
13:00-13:30	Coffee break	
13:30-13:45	<i>"Presentation of the SYN Innovation Laboratories S.A. pharmaceutical company towards the development of radiopharmaceuticals"</i> <u>Savvas Thalasselis</u> , Managing Director <i>SYN Innovation Laboratories S.A.</i>	



Monday 21st of July 2025		
13:45-14:00	<b>"PET Image Reconstructions via Chebyshev Interpolation"</b> <u>Nicholas E. Protonotarios</u> , George A. Kastis Institute of Nuclear and Radiological Science and Technology, Energy and Safety (INRASTES), National Center for Scientific Research "Demokritos", Aghia Paraskevi, Greece	
14:00-14:20	"Theranostics/Radiotheranostics: Developments and Prospects for the Future of Oncology" <u>Penelope Bouziotis</u> , Research Director Radiochemical Studies Laboratory, NCSR Demokritos	
14:20-14:40	<b>"Glioblastoma diagnosis and therapy: Current surgical challenges"</b> <u>Georgios Alexiou</u> , Associate Professor Neurosurgical Institute, University of Ioannina, Ioannina, Greece	
14:40-15:00	<ul> <li><i>"A Spline-Based Method for Noninvasive Quantification of Glucose Metabolism in Mice: A comparative study"</i></li> <li><u>George A. Kastis</u>, Nicholas E. Protonotarios, Penelope Bouziotis, Alexandros Vrachliotis</li> <li>Institute of Nuclear and Radiological Science and Technology, Energy and Safety (INRASTES), National Center for Scientific Research "Demokritos", Aghia Paraskevi, Greece</li> </ul>	
15:00-15:15	<b>"Smart peptides for glioma imaging and therapy"</b> <u>Evgenia Fotou</u> , Chemist, MSc., PhD Department of Chemistry, University of Ioannina, Ioannina, Greece	
15:15-15:30	"Novel Theranostic Tools for Glioblastoma: Photosensitizers Inspired by Tetrofosmin and 5-ALA for Fluorescence-Guided Surgery and Photodynamic Therapy" <u>Stavroula Kyrkou</u> , Chemist, MSc., PhD Candidate Department of Chemistry, University of Ioannina, Ioannina, Greece	



Monday 21st of July 2025		
15:30-15:45	<ul> <li><i>"A novel multifunctional theranostic platform for glioblastoma diagnosis and treatment"</i></li> <li><u>Christina Bika</u>, Chemist, MSc., PhD, Candidate</li> <li>Department of Chemistry, University of Ioannina, Ioannina, Greece</li> </ul>	
15:45-16:10	"Diffuse midline glioma and advances in the treatment strategies" <u>Roberta Rehder</u> , MD, PhD, Chief of pediatric neurosurgery, Santa marcelina Hospital, São Paulo, Brazil, Neurosurgery Research fellow, Boston children's hospital, Neurosurgery Research fellow, John's Hopkins hospital	
16:10-16:30	Round table on the Development of Theranostic Molecule for Glioblastoma Diagnosis & Treatment Closing Remarks	