



UNIVERSITY
of IOANNINA

***1st 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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<https://greece20.gov.gr>

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

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

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

Monday 21st of July 2025	
15:30-15:45	<p><i>“A novel multifunctional theranostic platform for glioblastoma diagnosis and treatment”</i></p> <p>Christina Bika, Chemist, MSc., PhD, Candidate <i>Department of Chemistry, University of Ioannina, Ioannina, Greece</i></p>
15:45-16:10	<p><i>“Diffuse midline glioma and advances in the treatment strategies”</i></p> <p>Roberta Rehder, 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</p>
16:10-16:30	<p>Round table on the <i>Development of Theranostic Molecule for Glioblastoma Diagnosis & Treatment</i></p> <p>Closing Remarks</p>