

### ANNEX 3 – DETAILED BIOGRAPHICAL NOTES

#### Academic Personnel Short Profile / Short CV

<b>University:</b>	Cyprus University of Technology
<b>Surname:</b>	Damianou
<b>Name:</b>	Christakis
<b>Rank/Position:</b>	Professor
<b>Faculty:</b>	Engineering and Technology
<b>Department:</b>	Electrical Engineering and Computer Engineering and Informatics
<b>Scientific Domain: *</b>	Therapeutic ultrasound

*\* Field of Specialization*

#### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D. Electrical Engineering	1993	University of Arizona, Tucson, AZ 85721, USA	Electrical Engineering	Theoretical and experimental evaluation of high temperature ultrasound in cancer therapy

M.S. Electrical Engineering	1990	University of Arizona, Tucson, AZ 85721, USA	Electrical Engineering	Characterization techniques for contaminated gate oxide
B.S. Electrical Engineering	1988	University of Arizona, Tucson, AZ 85721, USA	Electrical Engineering	
Diploma of technician	1987	Higher Technical Institute, Nicosia, Cyprus	Electrical Engineering	

### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2017	today	Cyprus University of Technology	Limassol, Cyprus	Professor
1994	1995	Indiana University	Indianapolis, IN 46202, USA	Assistant professor
1993	1994	Harvard Medical School	Boston, MA, 02115, USA	Research associate

## PUBLICATIONS (Selected)

Ref #	Year	Title	Other Authors	Journal/ Publisher/ Conference	Vol	Pages
1	2019	MRI-guided frameless biopsy robotic system with the inclusion of unfocused ultrasound transducer for brain cancer ablation.	Giannakou M, Yiallouras C, Menikou G, Ioannides C	Int J Med Robotics Comput Assist Surg.	15	e1951
2	2017	Microbubble-based sonothrombolysis using a planar rectangular ultrasonic transducer.	N. Papadopoulos	Journal of Stroke and Cerebrovascular Diseases	26	1287-1296
3	2017	Amyloid beta plaque reduction with antibodies crossing the blood brain barrier opened in 3 sessions with focused ultrasound in a rabbit model.	T. Alecou, M. Yiannakou	Journal of ultrasound in medicine	36	2257-2270
4	2017	Acoustic and thermal characterization of agar based phantoms used for evaluating focused ultrasound exposures.	G. Menikou	Journal of Therapeutic Ultrasound	71	12-19
5	2017	MRI guided focused ultrasound robotic system for animal experiments	M. Yiannakou, G. Menikou C. Yiallouras, K. Ioannides	the International Journal of Medical Robotics and Computer	13	E1804

				Assisted Surgery		
6	2016	Evaluation of a small flat rectangular therapeutic ultrasonic transducer intended for intravascular use	N. Papadopoulos, G. Menikou, M. Yiannakou, C. Yiallouras, K. Ioannides	Ultrasonics	74	196-203
7	2017	MRI guided coupling for a Focused Ultrasound system using a top to bottom propagation	M. Yiannakou, G. Menikou, C. Yiallouras	Journal of Therapeutic Ultrasound	5	
8	2016	Longitudinal Imaging of the Ageing Mouse	E. Dall'Ara, M. Boudiffa, C. Taylor, D. Schug, E. Fiegle, A.J. Kennerley, G.M. Tozer, F. Kiessling, R. Müller	Mechanisms of Ageing and Development	160	93-116
9	2015	MRI compatible head phantom for ultrasound surgery	Menikou G, Dadakova T, Pavlina M, Bock M	Ultrasonics	57	144-152
10	2014	MR compatible positioning device for guiding a focused ultrasound system for the treatment of brain diseases	Mylonas, N.	Int. J. Med. Robotics Comput. Assist. Surg.	10	1-10

**Research Projects. List the five (5) more recent and other five (5) selected  
(max total 10)**

<b>Ref #</b>	<b>Date</b>	<b>Title</b>	<b>Funded By</b>	<b>Project Role*</b>
1	2020-2023	MRI-guided Focused ultraSOUND system for cancer in PETs	Research promotion foundation	Coordinator
2	2019-2020	MRI-guided robotic system for non-invasive focused ultrasound surgery	Cyprus Seeds	Coordinator
3	2019-2021	MRI-guided Focused Ultrasound robotic system for preclinical research	Research promotion foundation	Scientific coordinator
4	2019-2021	Prostate ablation with a 4D robotic system using thermal ultrasonic waves under MRI guidance	Research promotion foundation	Scientific coordinator
5	2019-2022	Sea Traffic Management in the EAstern Mediterranean	Research promotion foundation	Partner

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.**

**List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	December 2017- November 2019	Cyprus university of technology	member of the senate	
2	Since November 2017	Cyprus university of technology	board and Vice dean of school of Engineering and Technology	
3	Since November 2019	parallel parliament	Member of the parallel parliament for research, innovation and digital governance (vice chairman for the health committee)	

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2014	Prize for excellent performance	Higher Technical Institute
2		Dean list for all semesters	University of Arizona