

**Brain Revealed: Innovative Technologies in Neurosurgery Study Project**  
*Project Reference: 2018-1-RO01-KA203-049317*

**"Trauma in Neurosurgery" Summer School**  
**July 15<sup>th</sup> – 28<sup>th</sup>, 2019 - Sibiu, Romania**

<b>MONDAY, July 15<sup>th</sup></b>			
<b>09:30 - 10:00</b>	<b>Registration of participants</b>	<b>Lobby of Medicine Faculty, 2A Lucian Blaga Street</b>	
<b>10:00</b>	<b>Opening Ceremony of BrainIT Summer School</b>	<b>Senate Hall – Medicine Faculty</b>	
	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
<b>10:30-11:30</b>	Special guest presentation: Medical Technology for Sustainable Development: Building an international hub	<b>Prof. Dr. Juan Ruiz</b> Universidad de las Palmas de Gran Canaria	Senate Hall – Medicine Faculty
<b>11:30-12:30</b>	Head injuries in infants and toddlers. Clinical status, neuroimaging, diagnostics, management, follow-up and global outcome	<b>Prof. AV Ciurea</b> "Bagdasar-Arseni" Emergency Clinical Hospital	Senate Hall – Medicine Faculty
<b>12:30-13:30</b>	Multum im parvo – the Glasgow coma scale score – comments	<b>Prof. AV Ciurea</b> "Bagdasar-Arseni" Emergency Clinical Hospital	Senate Hall – Medicine Faculty
<b>14:00-15:00</b>	<b>LUNCH</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	
<b>15:00-16:00</b>	Biomaterials, scaffolds and platforms for bone tissue regeneration	<b>Prof. Iaria Cacciotti</b> Universita degli Studi Niccolo Cusano	Senate Hall – Medicine Faculty
<b>16:00-16:40</b>	Metallic Implants used in Cranioplasty: Current Trends and Future Perspectives	<b>Prof. Iulian Antoniac</b> Polytechnic University of Bucharest	Senate Hall – Medicine Faculty
<b>16:40-17:40</b>	Sensors and wireless technologies for postsurgical monitoring	<b>Assist. Prof. Michele De Santis</b> Universita degli Studi Niccolo Cusano	Senate Hall – Medicine Faculty
<b>17:40-18:40</b>	Decompressive craniectomy in severe traumatic brain injuries	<b>Prof. Stefan Florian</b> "Iuliu Hațieganu" University of Medicine and Pharmacy Cluj-Napoca	Senate Hall – Medicine Faculty
<b>19:00</b>	<b>DINNER</b>	<b>LBUS Cafeteria</b>	

<b>TUESDAY, July 16<sup>th</sup></b>			
<b>HOUR</b>	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
<b>08:00 - 10:00</b>	<b>Live transmissions from operating theatre</b>	<b>Senate Hall – Medicine Faculty</b>	

10:00 – 11:00	Biomaterials, technologies and devices for cranioplasty	<b>Prof. Ilaria Cacciotti</b> Universita degli Studi Niccolo Cusano	Senate Hall – Medicine Faculty
11:00 – 12:00	Special guest presentation: Can we leverage astrophysics technology in medicine?	<b>Prof. Dr. Juan Ruiz</b> Universidad de las Palmas de Gran Canaria	Senate Hall – Medicine Faculty
12:00 – 13:00	Your first steps in Medical Research. SPSS and medical statistics	<b>Dr. Canning Patrick</b> Cork University Hospital, Ireland	Senate Hall – Medicine Faculty
13:00 – 14:00	Neuro-ophthalmological trauma - case reports	<b>Dr. Canning Patrick</b> Cork University Hospital, Ireland	Senate Hall – Medicine Faculty
<b>14:00-15:00</b>	<b>LUNCH</b>	<b>LBUS Cafeteria</b>	
15:00 – 19:00	Neuroanatomy and Neuroembriology	<b>Assoc. Prof. Dr. Grosu Florin</b> Sibiu County Emergency Clinical Hospital	Senate Hall – Medicine Faculty
<b>19:00</b>	<b>DINNER</b>	<b>LBUS Cafeteria</b>	

### WEDNESDAY, July 17<sup>th</sup>

<b>08:00 - 10:00</b>	<b>Live transmissions from operating theatre</b>	<b>Senate Hall – Medicine Faculty</b>	
<b>HOURL</b>	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
10:00-12:00	Medical Imaging in NeuroTrauma	<b>Dr. Dan Andreea</b> Sibiu County Emergency Clinical Hospital	Senate Hall – Medicine Faculty
12:00-14:00	Medical imaging treatment and segmentation	<b>Nayra Pumar</b> Universidad de las Palmas de Gran Canaria	Senate Hall – Medicine Faculty
<b>14:00-15:30</b>	<b>LUNCH</b>	<b>LBUS Cafeteria</b>	
16:00-18:00	Use of virtual reality for the medical field	<b>Nayra Pumar</b> Universidad de las Palmas de Gran Canaria	Senate Hall – Medicine Faculty
<b>19:00</b>	<b>DINNER</b>	<b>LBUS Cafeteria</b>	

### THURSDAY, July 18<sup>th</sup>

<b>08:00 - 10:00</b>	<b>Live transmissions from operating theatre</b>	<b>Senate Hall – Medicine Faculty</b>	
<b>HOURL</b>	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
10:00-13:30	Neurology Course	<b>Assoc. Prof. Dr. Corina Roman-Filip</b> Sibiu County Emergency Clinical Hospital	Senate Hall – Medicine Faculty
<b>14:00-15:30</b>	<b>LUNCH</b>	<b>LBUS Cafeteria</b>	
15:30-19:00	<b>WORKSHOP Neurological Examination</b>	<b>Micro-neurosurgery Laboratory, Faculty of Medicine, 2<sup>nd</sup> floor</b>	
<b>19:00</b>	<b>DINNER</b>	<b>LBUS Cafeteria</b>	

**FRIDAY, July 19<sup>th</sup>**

08:00 - 10:00	Live transmissions from operating theatre	Senate Hall – Medicine Faculty	
HOURL	LECTURE TITLE	SPEAKER	FACULTY AND ROOM
10:00-14:00	NeuroTrauma Pathology and Case Reports	<b>Assoc. Prof. Dr. Saceleanu Vicentiu</b> Lucian Blaga University of Sibiu	Senate Hall – Medicine Faculty
<b>14:00-16:00</b>	<b>LUNCH</b>	<b>LBUS Cafeteria</b>	
16:00-18:00	Neuro-Rehabilitation	<b>Assoc. Prof. Dr. Popa Florina</b> Sibiu County Emergency Clinical Hospital	Senate Hall – Medicine Faculty
<b>19:00</b>	<b>DINNER</b>	<b>LBUS Cafeteria</b>	

**SATURDAY, July 20<sup>th</sup>**

<b>09:00</b>	<b>Social and cultural trip: Peles Castle, Brasov City</b>	<b>Departure from Dormitory no. 3</b>
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**MONDAY, July 22<sup>nd</sup>**

08:30 – 13:30	LECTURE TITLE	SPEAKER	FACULTY AND ROOM
	Workshop: Basic Surgical Skills (Part 1)	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
<b>14:00-15:00</b>	<b>LUNCH</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	
15:30-17:30	Workshop: Basic Surgical Skills (Part 2)	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
17:30-19:30	Brain functionalities and their possible inhibition after specific trauma	Prof. Unicusano	Senate Hall – Medicine Faculty
<b>19:30</b>	<b>DINNER</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	

**TUESDAY, July 23<sup>rd</sup>**

08:30 – 13:30	LECTURE TITLE	SPEAKER	FACULTY AND ROOM
	Workshop: Basic Surgical Skills	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
<b>14:00-15:30</b>	<b>LUNCH</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	
15:30 – 18:00	Workshop: Microneurosurgery	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
<b>19:00</b>	<b>DINNER</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	

<b>WEDNESDAY, July 24<sup>th</sup></b>			
	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
08:30 – 13:30	Workshop: Microneurosurgery (Part 1)	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
14:00-15:30	<b>LUNCH</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	
15:30-17:30	Workshop: Microneurosurgery (Part 2)	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
17:30 – 19:30	Additive Manufacturing applied to the medical field	<b>Prof. Dr. Mario Monzon</b> Universidad de las Palmas de Gran Canaria	Senate Hall – Medicine Faculty
19:30	<b>DINNER</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	

<b>THURSDAY, July 25<sup>th</sup></b>			
	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
08:30 – 13:30	Workshop: Surgery on 3D Printed Skulls (Part 1)	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
14:00-15:30	<b>LUNCH</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	
16:00-19:00	Workshop: Surgery on 3D Printed Skulls (Part 2)	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
19:00	<b>DINNER</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	

<b>FRIDAY, July 26<sup>th</sup></b>			
	<b>LECTURE TITLE</b>	<b>SPEAKER</b>	<b>FACULTY AND ROOM</b>
08:30 – 13:30	Workshop: Surgery on 3D Printed Skulls	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
14:00-15:30	<b>LUNCH</b>	<b>LBUS Cafeteria (31, Victoriei Blvd.)</b>	
16:00-17:00	Evaluation & Certificates	Micro-neurosurgery Laboratory, Faculty of Medicine, 2 <sup>nd</sup> floor	
19:30	<b>GALA DINNER AND BANQUET</b>	<b>VERSAILLES EVENTS HALL</b> (Departure from Dormitory no. 3)	

<b>SATURDAY, July 27<sup>th</sup></b>		
11:00	<b>Social Programme: Sibiu City Tour</b>	<b>Departure from Dormitory no. 3</b>