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# 1<sup>st</sup> Net4Brain Annual Meeting

## Closing the translational gap in brain cancer treatment

4-6 September 2024

Ljubljana, Slovenia

**Venue:** National Institute of Biology, 121 Vecna pot, 1000 Ljubljana, Slovenia

### **Scientific Committee (SC)**

Prof Xinzhong LI (Teesside University, United Kingdom), Prof Radim JANCALEK (St. Anne's University Hospital, Czech Republic), Dr Terezia KISKOVA (Pavol Jozef Safarik University in Kosice, Slovakia), Dr Milica PESIC (IBISS, University of Belgrade, Serbia), Dr Leonor CERDÁ ALBERICH (La Fe Health Research Institute, Spain), Dr Anna GOLEBIEWSKA (Luxembourg Institute of Health, Luxembourg), Prof Tugba BAGCI-ONDER (Koc University, Turkey), Prof Gabriel FERNANDEZ CALVO (MOLAB, U. of Castilla-La Mancha, Spain), Prof Sebastian BRANDNER (University College London, United Kingdom), Mr Theo ZACHARIS (Greek Scientists Society, Greece), Dr Aida HAJDARPASIC (University SSST, Bosnia and Herzegovina), Dr Barbara BREZNIK (National Institute of Biology, Slovenia), Dr Yasin KAYMAZ (Ege University, Turkey), Dr Claudio ANGIONE (Teesside University, United Kingdom), Dr Alkinoos ATHANASIOU (Aristotle University of Thessaloniki, Greece)

### **Organizing Committee (OC)**

Dr Barbara Breznik & Dr Metka Novak (Chairs), Mateja Mlinar, Tina Kolenc Milavec, Katrin Galun

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## Core Group members

## All attendees

## Management Committee members

## To be announced

### Day 1

#### 4 September, Wednesday

08.00 – 9.00	Registration
09.00 – 1.00 pm	Core Group Meeting (only for core group members)
01.00 - 2.00 pm	Lunch

#### Start of Scientific Program (all attendees)

01.00 – 2.00 pm	Registration
02.00 – 2.15 pm	<b>Welcome</b> Director of NIB Maja Ravnikar (5 min) Xinzhong Li, Net4Brain COST action Chair (5 min) Barbara Breznik & Metka Novak, Chairs of Organizing Committee (5 min)
2.15 – 2.45 pm	<b>Opening Keynote Lecture, on-line</b> <b>Guohao Dai</b> , Northeastern University, College of Engineering <i>Organ-on-chip for brain cancer</i> Chair: Xinzhong Li
2.45 - 4.10 pm	<b>Scientific Session 1 - WG1, Non-invasive Biomarker Discovery</b> Chairs: Aida Hajdarpasic, Tatjana Mitrovic  Talk 1, 20 min <b>Aida Hajdarpasic</b> , Sarajevo Medical School, University SSST <i>Epigenetics as biomarkers</i>  Talk 2, 20min <b>Thomas Booth</b> , King's College London <i>Imaging biomarkers for glioblastoma, including validated AI model for patient stratification in clinical trials</i>  Short talk 1, 7 min To be announced  Short talk 2, 7 min To be announced  Discussion WG1 (30 min) Mitrovic, Hajdarpasic

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**Revising and planning WG activities**

4.10 -4.50 pm **Coffee break & Poster session for WG1 and WG2**

4.50- 6.15 pm **Scientific Session 2 – WG2, Preclinical Modelling**

Chairs: Golebiewska, Breznik

*Talk 1, 20 min*

**Lene Uhrbom**, Uppsala University

*Preclinical modelling of brain tumors – an overview of standard and advanced protocols*

Talk 2, 20 min

**Anna Golebiewska**, Luxembourg Institute of Health, & **Barbara Breznik**,  
National Institute of Biology Slovenia

*Preclinical modelling expertise and database at NET4Brain consortium*

**Short talk 1, 7 min**

**To be announced**

**Short talk 2, 7 min**

**To be announced**

Discussion WG2 (30 min) Golebiewska, Breznik

**Revising and planning WG activities**

6.30 pm **Welcome reception (NIB)**

## **Day 2**

**5 September, Thursday**

### **Scientific Program (all attendees)**

08.30 – 9.00

**Keynote Lecture**

**Matthew J Baker**, Dxcover Ltd, University of Central Lancashire

*Blood-based early diagnosis of brain cancer*

Chair: Radim Jancalek

9.00-10.25

**Scientific Session 3 – WG3, Pathogenesis and Tumour Profiling**

Chairs: Bagci-Onder, Kaymaz

Talk 1, 20 min

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**Ibrahim Kulac**, Koç University School of Medicine  
*Recent advances in diagnosis of low-grade pediatric gliomas*

Talk 2, 20min

**Sevin Turcan**, Ruprecht-Karls-Universitaet Heidelberg  
*Tumor heterogeneity and therapeutic vulnerabilities in IDH mutant gliomas*

Short talk 1, 7 min

To be announced

Short talk 2, 7 min

To be announced

Discussion WG3 (30 min) Bagci-Onder, Kaymaz

**Revising and planning WG activities**

10.25-11.00

**Coffee break & Poster session for WG3 and WG4**

11.00-12.25 pm

**Scientific Session 4 – WG4, Mathematical & Computational Modelling**

Chairs: Fernandez Calvo

Talk 1, 20 min

**Robertas Damaševičius**, Kaunas University of Technology  
*AI applications in Brain cancer*

Talk 2, 20min

**Margarita Julià-Sapé**, Universitat Autònoma de Barcelona  
*MRS based brain tumour biomarkers*

Short talk 1, 7 min

To be announced

Short talk 2, 7 min

To be announced

Discussion WG4 (30 min) Fernandez Calvo

**Revising and planning WG activities**

12.25-13.30 pm

**Lunch with possibility to have a guided tour to NIB cancer research labs**

13.30-22.00 pm

**Welcome excursion, discussion and networking**

**Day 3**

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6 September, Frid

**Scientific Program (all attendees)**

**08.30 - 9.00**

**Keynote Lecture**

*Topic/title to be announced*

9.00 – 10.30

**Scientific Session 5 – WG5, Clinical Treatment Recommendation**

Chairs: Athanasiou

Talk 1, 20 min

**Marija Skoblar Vidmar**, Institute of Oncology Ljubljana

*Clinical treatment of brain tumours*

Talk 2, 20min

**Johannes Haybäck**, Tyrolpath Obrist Brunhuber GmbH

*Eukaryotic translation initiation factors in brain tumors*

**Short talk 1, 7 min**

**To be announced**

**Short talk 2, 7 min**

**To be announced**

Discussion WG5 (30 min) Athanasiou

**Revising and planning WG activities**

10.30-11.00

**Net4Brain Network discussion, dissemination & closing remarks**

Chairs: Xinzhong Li, WG6 and SCC Chair Kiskova

11.00-11-30

**Coffee break**

11.30-13.00

**Management Committee Meeting (only for MC members)**

13.00-13.30 pm

**Lunch**