





#  Saturday, 5th of February 2022.

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| 9:30 to 9:40 am | Introductory speeches:**Academic Veselin Vukotic**, welcoming remarks |
| 9:45 to 10:00 am10:05 to 10:20 am | **Academic Asim Kurjak**, welcoming remarks\* \*\*Moderators:**Prof. dr Nila Kapor-Stanulovic****Academic Almir Badnjevic**Panelists:Academic Asim Kurjak, *The Incredible Power of the Fetal Brain - An Advanced Study from Structure to Function*Academic Milan Stanojevic, *Is the neonatology function of the brain the same as the fetal one?* |
| 10:25 to 10:40 am | **Academic Vaso Antunovic**, *The brain: what do we know and when will we find everything out?* |
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| 10:45to 11:00 am | **Dr. sc. Helena Dukic**, *Risk prediction and early detection of neurological disorders and emotional reactions in the fetus.* |
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| 11:05 to 11:20 am | **Prof. dr Aleksandra Martinovic**, *Microbiome of the digestive tract, the role of probiotics and the connection with the central nervous system* |
| 11:20 to 11:50 am | **COFFEE BREAK** |
| 11:50 to 12:05 pm | **Prof. dr Tarik Uzunovic**, *Artificial Intelligence and Pattern Recognition* |
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| 12:10 to 12:25 pm | **Academic Almir Badnjevic**, *Inspection / verification / testing of medical devices* |
| 12:30 to 12:45 pm | **Prof. dr Rada Rudanovic**, *Early detection of sequelae and accompanying symptoms in neonatology* |
| 12:50 to 13:05 pm | **Prof. dr Snezana Crnogorac**, *Aneurysms of fetal blood vessels - a modern approach* |
| 13:05 to 13:20 pm | **COFFEE BREAK** |
| 13:20 to 14:30 pm | **DISCUSSION** |
| 14:30 to 15:00 pm15:15 pm | \* \*\***Tour of the UDG building**\* \*\***Lunch for the panelists** |

# Sunday, 6th of february 2022.

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|  | Moderators:**Prof. dr Aleksandra Martinovic****Dr. sc. Helena Dukic** |
| 9:00 to 9:15 am9:20 to 9:35 am | Panelists:Academic Asim Kurjak, *Fetal Neurology - Recent Advances and Future Challenges*Prof. dr Nila Kapor-Stanulovic, *Early development of a child, Love and Economy* |
| 9:40 to 9:55 am | **Academic Milan Stanojevic**, *The Limits of Survival and the Advancement of Neonatology* |
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| 10:00 to 10:15 am | **Doc. dr Vladan Bozovic**, *Influence of behavior on structural and functional changes of the brain* |
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| 10:20 to 10:35 am | **Prof. dr Tarik Uzunovic**, *Application of artificial intelligence in ultrasound diagnostics* |
| 10:35 to 11:05 am | **BREAK** |
| 11:05 to 11:20 am | **Academic Almir Badnjevic**, *Application of artificial intelligence for prediction of performance and potential failures of medical devices* |
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| 11:25 to 11:40 am | **Prof. dr Ranko Lazovic**, *Organization of the Health Service in the Pandemic Age* |
| 11:45 to 12:00 pm | **Doc. dr Marija Vugdelic**, *Case study – personal experience* |
| 12:05 to 12:20 pm | **Academic Aida Salihagic Kadic**, *Recent advances in understanding the cognitive function of the fetal brain (video)* |
| 12:20 to 12:40 pm | **COFFEE BREAK** |
| 12:40 to 13:40 pm | **DISCUSSION** |
|  | \* \*\* |
| 13:45 to 14:00 pm | Final thoughts:**Academic Asim Kurjak, Academic Veselin Vukotic** |
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| 15:00 pm | **Lunch, restaurant “Vagan” (TBC)** |

**Conference organizers:**

**University of Donja Gorica and International Academy of Sciences and Arts of Bosnia and Herzegovina**

**Responsible representatives of the organizers:**

Academic Veselin Vukotic, rector of UDG

Academic Asim Kurjak, president of IANUBIH

**Conference date:**

5th and 6th of February 2022.

**TOPIC:**

What does modern science know about the structure and function of the brains of adults and the unborn?

**VENUE:**

University of Donja Gorica

Amphitheater AS

**Scientific conference organization team:**

1. Dr Sandra Tinaj
2. Mr Marija Radunovic
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5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CONFERENCE RULES:**

1. The Conference shall be conducted in accordance with a pre-announced Agenda
2. Strict adherence to the time provided for the presentation of the paper

3. Questions to panelists during the time allotted for discussion

4. Questions - no longer than 3 minutes!

5. Answering questions - up to 7 minutes!

6. Discussion - up to 10 minutes!

7. Questions and discussions refer exclusively to the topics of the conference!

8. As a rule, questions are asked on the spot!

9. Discussion and answers to questions - behind the podium

10. Each conference participant can ask more questions and participate in the discussion

11. Session moderators are responsible for enforcing these rules

12. The conference is being recorded

13. Number of seats in the AS amphitheater according to COVID-19 rules - 81

14. Number of seats in amphitheater A1 - in case of conference broadcast - 122

15. Masks are mandatory!

16. It is possible to use a video beam. Presentations should be sent as soon as possible, no later than Friday, February 4th, 2022, by 6:59 pm to the e-mail address of Marija Radunovc, MA (marija.radunovic@udg.edu.me).