

VIRTUAL EDUCATIONAL SEMINAR *BJCN* 2024

PROGRAM

DIAGNOSIS OF ACUTE MYELOBLASTIC LEUKEMIA

23 November 2024

Faculty:

Prof. Margarita Guenova, PhD; Prof. Gueorgui Balatzenko, PhD
National Specialized Hospital for Active Treatment of Hematological Diseases, Sofia

Prof. Yana Bocheva, PhD
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Moderator:

Prof. Valeria Kaleva, PhD

09:00 – 09:10 **Opening**
Prof. Dr. Valeria Kaleva, PhD

09:10 – 11:00	Session 1. Introduction to acute myeloblastic leukemias
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09:10 – 09:40 **Incidence and mechanisms of development of AML**
Prof. Gueorgui Balatzenko

09:40 – 10:00 **The automated hematology analyzer – beyond the obvious**
Prof. Yana Bocheva

10:00 – 10:20 **Morphology of AML**
Prof. Margarita Guenova

10:20 – 10:40 **Immunophenotyping of AML. Targets for treatment and monitoring**
Prof. Margarita Guenova

10:40 – 11:00 **Discussion (Q&A)**

11:00 – 11:30 **Break**

11:30 – 13:30	Session 2. Complex diagnosis of AML
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11:30 – 11:50 **Routine genetic diagnosis of AML. Risk assessment and subclassification. Targets for treatment and monitoring**
Prof. Gueorgui Balatzenko

11:50 – 12:10 **Innovative molecular approaches in the diagnosis of AML. Clinical significance. Prognostic and predictive potential**
Prof. Gueorgui Balatzenko

- 12:10 – 12:30 **Integrated diagnostic algorithm in AML**
Prof. Margarita Guenova
- 12:30 – 12:50 **Pediatric AML**
Dr. Nadezhda Yurukova - Tsakova
- 12:50 – 13:10 **Discussion (Q&A)**
- 13:10 – 14:00 **Break**

14:00 – 15:40 Session 3. Assessment of therapeutic response in AML

- 14:00 – 14:20 **MRD in AML – molecular aspects**
Prof. Gueorgui Balatzenko
- 14:20 – 14:40 **MRD in AML – flow cytometric aspects**
Prof. Margarita Guenova
- 14:40 – 15:10 **Clinical cases**
- 15:10 – 15:20 **Discussion (Q&A)**
- 15:20 – 15:40 **Break**

15:40 – 17:00 Session 4. Clinical cases

- 15:40 – 16:40 **Clinical cases**
- 16:40 – 17:00 **Discussion (Q&A)**

17:00 – 17:40 Evaluation test - AML

- 17:40 **Closing**