

VIRTUAL EDUCATIONAL SEMINAR *BJCN 2024*

PROGRAM

DIAGNOSIS OF ACUTE MYELOBLASTIC LEUKEMIA

23 November 2024

Moderator
Prof. Valeria Kaleva

09:00 – 09:10 Opening
Prof. Valeria Kaleva

09:10 – 11:00	Session 1. Introduction in acute myeloid leukemia
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09:10 – 09:40 Incidence and mechanisms of development of AML
Prof. Gueorgui Balatzenko

09:40 – 10:00 The automatic 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. Target for treatment and monitoring
Prof. Margarita Guenova

10:40 – 11:00 Discussion (Q&A)

11:00 – 11:30 Break

11:30 – 13:00	Session 2. Integrated diagnosis of AML
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11:30 – 11:50 Routine genetic diagnosis of AML. Risk assessment and subclassification. Treatment and monitoring targets
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 of AML
Prof. Margarita Guenova

12:30 – 12:45 Self-assessment clinical case
Prof. Margarita Guenova

12:45 – 13:00 Discussion (Q&A)

13:00 – 14:00 Break

14:00 – 15:30	Session 3. Assessment of therapeutic response in AML
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| 14:00 – 14:20 | MRD in AML – molecular aspects
<i>Prof. Gueorgui Balatzenko</i> |
| 14:20 – 14:40 | MRD in AML – flow cytometry aspects
<i>Prof. Margarita Guenova</i> |
| 14:40 – 15:00 | Self-assessment clinical case
<i>Prof. Gueorgui Balatzenko</i> |
| 15:00 – 15:15 | Clinical cases
<i>Dr Dimitar Yalnazov</i> |
| 15:15 – 15:30 | Discussion (Q&A) |
| 15:30 – 16:00 | Break |

16:00 – 17:00	Session 4. Pediatric AML
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| 16:00 – 16:20 | AML in children
<i>Dr Nadezhda Yurukova - Tsakova</i> |
| 16:20 – 16:40 | Phenotypic features of AML in childhood
<i>Assoc. Prof. Maya Yordanova</i> |
| 16:40 – 16:55 | Clinical case
<i>Dr Hristina Hristozova</i> |
| 16:55 – 17:00 | Discussion (Q&A) |

17:00 – 17:30	Evaluation test AML
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| 17:30 | Closing |
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