

Workshop on Genome Editing in Hematology & HSCT

14 September 2017

Save the date
14 September 2017

in a framework of

"XI Raisa Gorbacheva Memorial Meeting Hematopoietic Stem Cell Transplantation. Gene And Cellular Therapy"

which will be held 14-16 September, 2017 in Saint Petersburg, Russia

"Original Sokos Hotel Olympia Garden Saint Petersburg"

Bataiskii Pereulok 3 A, 190013, St. Petersburg

Dear colleagues,

We are glad to invite you to participate in the Workshop on Genome Editing in Hematology & HSCT. Leading specialists will present the scientific progress in gene and cell therapy, basic principles of genome editing and its future prospects. Moreover, manufacturing, regulatory & clinical implementation aspects of genome editing in hematology & HSCT will be discussed.



Workshop on Genome Editing in Hematology & HSCT

10:00 Start of the program Boris Fehse Marina Popova Intro: Presentation of the speakers and program on behalf of the Organizing committee

10:10-12:00 Scientific progress in gene therapy



Moderators

Gerard Wagemaker
Boris Fehse

10:10	Gerard Wagemaker	Erasmus University Rotterdam	HSCs as target cells for gene therapy
10:40	Boris Fehse	University of Hamburg	Genome editing – basics and general principles
11:10	Alena Shakirova	First Pavlov State University of St-Petersburg	Improvement efficacy of genome editing in HSC
11:30	Kirill Lepik	First Pavlov State University of St-Petersburg	Microcapsules as novel delivery system for genome editing constructs
11:50	Questions & discussion		

12:00-12:30 Coffee break (30)

Workshop on Genome Editing in Hematology & HSCT

12:30-14:30 From science to clinic



Moderators

Waseem Qasim
Mikhail Samsonov

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| 12:30 | Mikhail Samsonov | Chief of Medical Officer
R-PHARM corp. | Regulatory & Clinical Development strategy in genome editing: progress since 2016 |
| 13:00 | Boris Fehse | University of Hamburg | Clinical application of genome editing: Just another gene therapy approach...?! |
| 13:30 | Ian Johnston | R&D Depart., Miltenyi
Biotec GmbH | Manufacturing of cell and gene therapy products in an automated, closed system |
| 14:00 | Arseniy Shabashvili | RBV Capital | Gene & cell therapy - investor's perspective |
| 14:20 | Questions and discussion | | |

14:30-15:30 Lunch (60)

Workshop on Genome Editing in Hematology & HSCT

15:30-17:30 Clinical practice



Moderators

Gerard Wagemaker
Michael Maschan

15:30 **Michael
Maschan**

D. Rogachev National Research
Center of Pediatric Hematology,
Oncology and Immunology

**Practical aspects of cell therapy in
pediatric hematology/oncology**

16:00 **Waseem
Qasim**

University College London

**Therapeutic application of gene edited T
cells in HSCT**

16:30 **Fyodor
Urnov
(Skype)**

Altius Institute for Biomedical
Sciences, UC Berkeley

**Special lecture
Genome Editing - search for a new
targets: how does it work & future
prospects**

17:15 **Questions and discussion**

17:30 **Closing remarks**