

Annual Conference of

NCI

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BGO Bridging Gaps in
2024
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20/30
NCI, EGYPT

Shaping
The Future



High Resolution HLA Typing and Chimerism Analysis Using NGS

18-20 November 2024

Venue:

**Clinical Pathology Department,
3rd floor, NCI.**

Workshop organizers

Prof. Ghada Mossallam

Ass. Prof. Sally El Fishawi

**Head of Bone Marrow
Transplantation Lab Unit**

Prof. Ghada Mossallam

**Number of
attendees:
10 candidates**

**Fees:
2000 LE**

**Head of
Clinical Pathology Department
Prof. Nahed Abdel Wahab**

Contact person: Menna Alla Mohie El-Dein

01005288627

High Resolution HLA Typing and Chimerism Analysis Using NGS

Day 1: 18 November - Practical Workshop on AlloSeq Tx-17 Kit

08:30 – 09:00	Registration		
09:00 - 09:20	Introduction to High Resolution HLA Typing	Presentation	Prof. Sally Elfishawi
09:20 – 10:30	Intro to NGS	Presentation	HVD Team
10:30 - 11:30	Introduction to HLA typing using NGS AlloSeq Tx-17 Kit	Presentation	
11:30 - 12:30	DNA Quantification	Sample preparation	
12:30 - 01:30	Tagmentation Indexing	Library preparation	
01:30 – 02:00	Coffee Break		
02:00 – 03:00	Size selection and purification	Library preparation	HVD Team
	DNA Quantification		
01:00-02:00	Pooling	Library preparation	
	Probe hybridization		

Day 2: 19 November - Practical Workshop on AlloSeq Tx-17 Kit

09:00 – 10:00	Capture	Library preparation	HVD Team
10:00 – 10:30	Post-Enrichment PCR	Library preparation	
10:30 – 11:30	MiSeq intro	Presentation	
11:30 – 12:00	Coffee Break		
12:00 – 12:30	Post-Enrichment PCR Purification	Library preparation	HVD Team
12:30 – 01:00	Qubit quantification	QC	
01:00 – 02:00	Sequencing kit prep	Sequencing	
	Diluting and Denaturing sample pool		
02:00 – 2:30	MiSeq demo and run	Sequencing	

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Day 3: November - Presentations on Chimerism Testing & AlloSeq HCT Kit

09:00 - 09:30	Welcome and Overview of Day 2	Presentation	HVD Team
09:30 - 10:30	Alloseq Tx-17 Data Analysis Overview and Q&A	Data Analysis	
10:30 - 11:00	Wrap-up and Discussion	Presentation	
11:00 - 11:30	Introduction to Chimerism Testing in Stem Cell Transplantation	Presentation	Prof. Ghada Mossallam
11:30 - 12:00	Coffee Break		
12:00 - 13:00	Overview of AlloSeq HCT Kit	Presentation	HVD Team
13:00 - 14:00	Q&A Session		
13:00 - 14:00	Closing Remarks and Certificates		

Organized by:



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