

## Flow Cytometry Workshop: Analysis Of Cytology Material And Solid Tumors

Supervisor

**Prof. Dr. Ahmed Fahmy** Head of pathology department

Participants

Organizer Prof. Dr. Mervat El-Deftar Participant Prof. Dr. Amira Raafat Co-ordinator Ass. Lecturer HebaAbdelbaky

Saturday, 5<sup>th</sup> November **2022** 

Course Venue NCI Pathology Department Tissue culture and Cytogenetics unit



9:00-9:30 Opening & registration

Lecture

Principles and Introduction to Flow Cytometry (Fluidics, Optics, Lasers, Detectors and Signal Processing).

Lecture & Practical

Principles and Hands on Processing of Flow Cytometry Samples (cell line, cytology material & FFPE tissue samples).

## Coffee break

Practical

Flow Cytometry Standardization (Compensation and Instrument Settings).

Practical

Acquisition of Stained Cells on Flow Cytometry and Data Analysis.

## Coffee break

Practical

Measuring of Apoptosis and Cellular Death Using Flow Cytometry by Annexin V/Propidium Iodine Staining.

## Fees of workshop: 850 L.E

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Reservation details: Workshop will be at the accounting department Mr. Mostafa Saleh Tel: 01094406554

Maximum number of attendees: 10 Candidates

