



IMCert

Immune Modulation Certificate

For Post Graduate Students Enabled by Blended Learning



TLC in Cairo University

National Cancer Institute, Cairo University



Co-funded by the
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WE HAVE IMCERT LAB

- Real time PCR
- Qubit fluorometer
- ELISA Reader
- Laminar air flow
- CO2 incubator
- Cooling centrifuge
- Light microscope
- Inverted microscope









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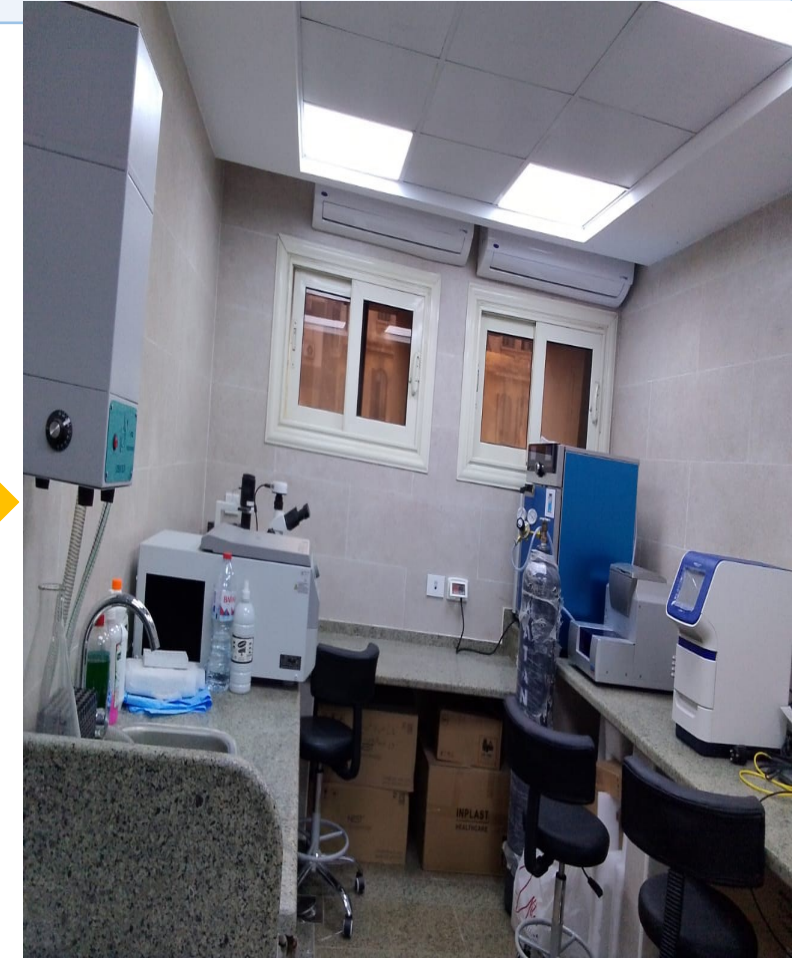


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The laboratory is now
ready for the student.





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The Laboratory Facilities

***For graduate and research students at Cancer
Biology Department***

***NA
Extraction
Lab***

***NA
Amplification
and detection
Lab***

TC Lab

***Sequencing
Lab***



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Virology and immunology unit equipment's

Nucleic acid extraction lab

Two cooling
centrifuge

Two Laminar
air flow

Two shakers

Two thermal
blocks

sets of
micropipettes



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Virology and immunology unit equipments

Molecular virology lab

Three real time
PCR machine

Three
conventional
PCR machine

Nanodrop
machine

Laminar air
flow

Photo
documentation
system

Three sets of
micropipettes



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Virology and immunology unit equipments

Tissue culture and ELISA lab

Laminar air
flow

Inverted
microscope

Light
microscope

Automated
Cell counter

CO2 incubator

sets of
micropipettes

Liquid
nitrogen tanks

ELISA washer
and reader



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Virology and immunology unit equipments

Sequencing lab

Pippin Prep
machine

AB Library
Builder

TapeStation
system

QIAxcel
workstation

Thermal
cycler

Ion Chef™
Instrument

**Ion S5
Instrument**

Ion Torrent
personal
genome
machine
(PGM)

**Genexus™
Integrated
Sequencer**



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Virology and immunology

**Genexus™
Integrated
Sequencer
with ion
reporter**

**Sanger
Sequencer**

**S5
sequencer
with ion
chief**

Real time PCR

**Qubit
Fluorometer**

**Cooling
Centrifuge**



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Clinical Pathology Department – NCI-CU

Flow cytometry

THANKS FOR

ALL

