



WELCOME!



curecancer-ucl.org



[@CureCancerUCL](https://twitter.com/CureCancerUCL)



Welcome to UCL Cancer Institute

Professor Tariq Enver

Director - UCL Cancer Institute

Dr Rajeev Gupta

Consultant Haematologist UCLH

Clinical Director for Haematology, HSL Pathology Ltd

Our Mission

- Decrease the burden of cancer through laboratory and clinical research
- develop excellence, place UCL as a major national and international hub for cancer research
- educate the next generation of cancer researchers and clinicians.



HAEMATOLOGY

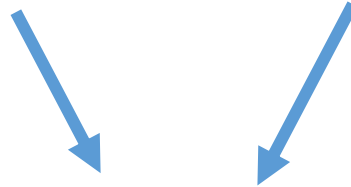
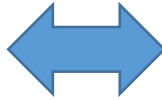
Catchment area 9 million people



UCLH



HSL Pathology



UCL Cancer Institute



**UCL scientists have unique
access to patients and clinical
material**

Major purchases for Stem Cell Lab



BD FACSAria Cell Sorter



ABI 7500 Real Time
PCR Machine



TALOR WHARTON LS4800
Liquid Nitrogen Tank



EVOS Fluorescent
Microscope



ADVANCED ANALYTICAL
Fragment Analyser



SYSMEX XP300 Haematology
Blood Count Analyser



AGILENT 2100
Bioanalyser



384-well PCR block

More recent purchases

Novocyte flow cytometer



LabArmor Bead Bath



Thank you to the Spelman Family

Lab tour – what you will see

How we preserve cells at very low temperatures...



How we assess and grow them after thawing



How we examine their surface properties...



ENJOY THE TOURS!

Divide yourselves into 3 groups, A, B, C

Each group will see all lab stations.

Group A

Professor Tariq Enver

Group B

Dr Rajeev Gupta

Group C

Dr Lourdes Sri Raja