



BIOTECHNOLOGY, BIOMEDICINE AND BIOETHICS FOR BEGINNERS

WHAT IS THE COURSE ABOUT?

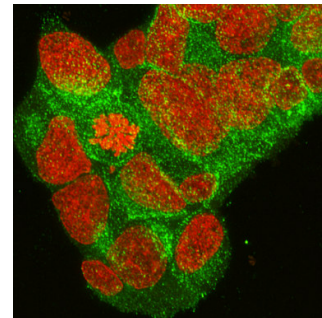
WHAT EXACTLY ARE HUMAN BEINGS MADE OF?

HOW IS GENETIC INFORMATION STORED?

WHAT IS DNA?

HOW ARE GENETIC DISEASES INHERITED?

WHAT DO PROTEINS DO IN THE BODY?



WE HAVE ANSWERS TO ALL OF THESE QUESTIONS ONLY OVER THE PAST 50 YEARS. THIS SHORT COURSE WILL EXPLAIN WHAT WE KNOW ABOUT THE ANSWERS TO THESE QUESTIONS, AND HOW THAT KNOWLEDGE IS BEING PUT TO PRACTICAL USE. WE WILL DISCUSS GENETIC ENGINEERING, DNA FINGERPRINTING, BIOPHARMACEUTICALS, CLONING, STEM CELLS AND SOME OF THE ETHICAL ISSUES FACING SOCIETY AS A RESULT OF THESE DEVELOPMENTS.

When *Thursdays 2:00-3:30, starting 1st March 2012 (exact programme will be given on 1st March)*

Where: *National Institute for Cellular Biotechnology (NICB at Collins Ave entrance to DCU (pay parking in multistorey carpark) Please see link below for directions to DCU*

<http://www.dcu.ie/info/campus.shtml>

Cost *The lectures are being given on a voluntary basis. There will be a fee of 30 euro to cover running costs. Please book by sending your name, address, email, phone number and cheque for €30 made to 'Dublin City University'*

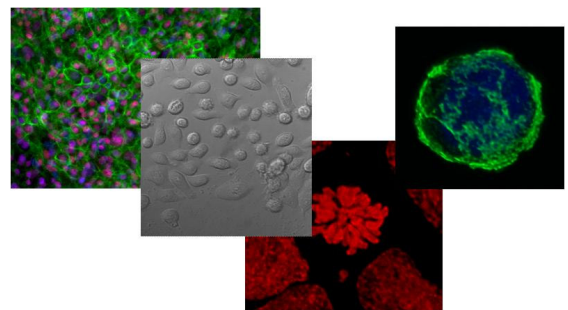
Please post to

Beginners' Course,

NICB,

Dublin City University,

Glasnevin, Dublin 9.



If you have any questions phone 01 7008806 or email martin.clynes@dcu.ie

Please note any funds surplus to the running costs will be donated to St Vincent de Paul