

One-Day Course: What is Nanomedicine?

Royal College of Surgeons of Edinburgh

3 December 2009

Programme

09.30 – 10.00	Registration
10.00 – 10.30	Introductions and Aims of the course
10.30 – 11.15	Nanomedicine in context <ul style="list-style-type: none">• the new medical technologies• the emergence of nanomedicine• some useful “nano” definitions• overview of the main sub-disciplines of nanomedicine <i>Richard Moore, Nanomedicine and Lifesciences, Institute of Nanotechnology</i>
11.15 – 11.30	Refreshments
11.30 – 12.15	Nanotechnology in the fields of: <ul style="list-style-type: none">• biosensors• in vivo diagnostics• in vitro diagnostics <i>Professor Anthony Turner, Cranfield University</i>
12.15 – 13.00	Nanotechnology in the fields of: <ul style="list-style-type: none">• imaging• gene and cell therapy <i>Professor Shervanthi Homer-Vanniasinkam, Consultant Vascular Surgeon, Leeds Vascular Institute, Clinical Sub-Dean, Leeds University Medical School, Professor of Translational Vascular Medicine, Univ. of Bradford</i>
13.00 – 13.30	Lunch
13.30 – 14.15	Nanotechnology in the fields of: <ul style="list-style-type: none">• infection control• drug design and drug delivery <i>Professor Anthony Turner</i>
14.15 – 15.00	Nanotechnology in the fields of: <ul style="list-style-type: none">• advanced biomaterials• regenerative medicine <i>Professor Shervanthi Homer-Vanniasinkam</i>
15.00 – 15.15	Refreshments
15.15 – 16.00	Risks, safety, regulations, HTA, reimbursement and other challenges Bringing nanomedicine to the clinic and market <i>Richard Moore and Prof. Anthony Turner</i>
16.00 – 16.30	Group Discussion (with all presenters)
16.30	Summing up and closing remarks <i>Professor Shervanthi Homer-Vanniasinkam</i>