

One-Day Course: What is Nanomedicine?

NH Carlton Amsterdam Hotel, Amsterdam

23 February 2010

Programme

09.00 – 09.30	Registration
09.30 – 10.00	Introductions and Aims of the course
10.00 – 10.45	Nanomedicine in context <ul style="list-style-type: none">• the new medical technologies and “nano”• the emergence of nanomedicine• overview of the main sub-disciplines of nanomedicine <i>Richard Moore, Nanomedicine and Lifesciences, Institute of Nanotechnology</i>
10.45 – 11.00	Refreshments
11.00 – 11.45	Nanotechnology in the fields of: <ul style="list-style-type: none">• biosensors• <i>in vivo</i> diagnostics• <i>in vitro</i> diagnostics <i>Professor Anthony Turner, Cranfield University</i>
11.45 – 12.30	Nanotechnology in the fields of: <ul style="list-style-type: none">• imaging• diagnosis and therapy (theranostics) <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>
12.30 – 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 materials• regenerative medicine <i>Professor Shervanthi Homer-Vanniasinkam</i>
15.00 – 15.15	Refreshments
15.15 – 16.00	Risks, safety, commercialisation, 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 and feedback from participants (with all presenters)
16.30	Summing up, closing remarks and ideas for future workshops <i>Professor Shervanthi Homer-Vanniasinkam</i>