

Programme for the SSBII-12 Meeting 2010

Wednesday 27th October 2010

9.00 am – 9.50 am Registration

9.50 am – 10.00 am Welcome note and opening remarks

10.00 am – 11.00 am Session 1

Time	Presentation
10.00 – 10.30	STRATEGIES TO CONTROL THE BIOLOGICAL RESPONSE TO THIN FILM CALCIUM PHOSPHATE COATINGS <u>Prof. Brian Meenan</u> University of Ulster
10.30 – 11.00	SUPER-RESOLUTION FLUORESCENCE IMAGING OF DNA <u>Dr. Cristina Flors</u> University of Edinburgh

11.00 am – 11.30 am Coffee/Tea and Poster Viewing

11.30 am – 1.00 pm Session 2

Time	Presentation
11.30 – 12.00	SURFACE MODIFICATION TO CONTROL CELLULAR RESPONSE IN THE TREATMENT OF VISION LOSS <u>Dr. Rachel Williams</u> University of Liverpool
12.00 – 12.30	TUNING SPECIFIC BIOMOLECULAR INTERACTIONS USING SWITCHABLE OLIGOPEPTIDE SURFACES <u>Dr. Paula Mendes</u> University of Birmingham
12.00 – 12.15	MODELLING HUMAN OSTEOBLAST CELLS DURING INITIAL ADHESION ON BIOMATERIAL SURFACES <u>Mr. Jonathon Ratcliffe</u> University of Nottingham

1.00 pm – 2.00 pm Lunch and Poster Viewing

2.00 pm – 3.30 pm Session 3

Time	Presentation
2.00 – 2.30	FUNCTIONALISATION OF METALLIC NANOPARTICLES AND SURFACES FOR BIOANALYSIS <u>Prof. Duncan Graham</u> University of Strathclyde
2.30 – 3.00	BIOENGINEERING SOFT TISSUES - CONTROLLING STRUCTURE AND FUNCTION WITH SCAFFOLDS AND SURFACE CHEMISTRY <u>Dr. John Haycock</u> University of Sheffield
3.00 – 3.30	PROBING THE STRUCTURE AND DYNAMICS OF BIOMOLECULES ADSORBED ON SURFACES <u>Prof. Peter Weightman</u> University of Liverpool

3.30 pm – 3.50 pm Coffee/Tea and Poster Viewing

3.50 pm – 4.50 pm Session 4

Time	Presentation
3.50 – 4.10	DEVELOPMENT OF A CELL FORCE TRANSDUCER BASED ON THE CHOLESTERYL ESTER LIQUID CRYSTALS <u>Miss Fiona Soon</u> University of Bradford
4.10 – 4.30	INFLUENCE OF SURFACE TOPOGRAPHY ON CELLULAR FUNCTION <u>Dr. Dimitrios Zeugolis</u> NUI Galway
4.30 – 4.50	STATE-OF-THE-ART PHOTONICS SOLUTIONS <u>Dr. Colin Coates</u> Andor Technology

4.50 pm – 5.00 pm Closing remarks and Prizes