

## RSC: Biomaterials Chemistry Special Interest Group

Annual Conference: 5-6<sup>th</sup> January 2015

Burlington House, Piccadilly London W1J 0BA, UK <http://www.kcl.ac.uk/dentistry/rsc>

RSC | Advancing the  
Chemical Sciences

Conference chair: Dr Sanjukta Deb, King's College London

### RSC Biomaterials Chemistry: Special Interest Group

The RSC Biomaterials Chemistry Special Interest Group was set up in 2005 to provide a focus for groups in UK universities and industry working on the synthesis and characterisation of biomaterials. The group aims to enhance the understanding of the chemistries underlying the use of biomaterials in applications including prostheses, drug delivery and regenerative medicine.

December 2014

### RSC Biomaterials Chemistry: Annual Meetings

Annual meetings of the group are designed to promote biomaterials chemistry research and development, enhance existing links, foster new collaborations and spread expertise. Meetings give participants the opportunity to present new work, discuss data and help to shape the future of research in this important and growing area of chemistry.

Local organizing committee; Dr S Deb, Dr Luis Rojo & Miss Shathani Nkhwa

To submit a registration for the RSC 2015 conference, please go the website and click on the link on the right. The online registration process is fulfilled by King's College London estore facility. The facility allows you to register and make your payment, using a debit or credit card. If you wish to pay by cheque, please make cheque payable to "King's College London" and send by post to Dr Sanjukta Deb, King's College London Dental Institute, Floor 17, Tower Wing, Guy's Hospital, London SE1 9RT. Please submit your abstracts using the format specified at the end or instructions are available on the website.

Enquiries please email [sanjukta.deb@kcl.ac.uk](mailto:sanjukta.deb@kcl.ac.uk) <http://www.kcl.ac.uk/dentistry/rsc>

**LAST MINUTE POSTER ABSTRACTS ARE WELCOME TILL 15<sup>TH</sup> DECEMBER 2014**

Venue: [www.rsc.org/venue/chemistry-centre](http://www.rsc.org/venue/chemistry-centre)

#### Registration fees

Category	Early Registration (£)	Late Registration (£)
Students	180	200
Members of *qualifying societies	220	240
Non Members	250	270
Rates include lunches, refreshments and conference dinner		
*Qualifying societies	RSC, UKSB	

#### Conference deadlines

Deadline for	Dates
Abstract submission	7 <sup>th</sup> November 2014
Notification of Oral-Poster-Acceptance	15 <sup>th</sup> November 2014
Early bird registration	20 <sup>th</sup> November 2014
Late registration	23 <sup>rd</sup> December 2014

Should you experience any difficulty in completing the registration process, please email [luis.rojo\\_del\\_olmo@kcl.ac.uk](mailto:luis.rojo_del_olmo@kcl.ac.uk)

## Plenary Lectures

"Biomolecular Science & Engineering of Bone's Extracellular Matrix"



**Professor D Vashishth**

Director of the Center for Biotechnology and Interdisciplinary Studies Rensselaer Polytechnic Institute  
USA

"Biomaterial Innovation: Challenges and Opportunities"



**Professor Andrew Lloyd**

Dean of the College of Life, Health & Physical Sciences and Professor of Biomedical Materials, University of Brighton

## Keynote speakers

"Nanoparticles for Imaging – from quantum dots, to polymers, to worms"



**Professor Mark Green**

Experimental Biophysics & Nanotechnology, King's College London

" $\beta$ -Sheet forming peptides: from self-assembly to functional biomaterials"



**Dr Alberto Saiani** Reader in Molecular Materials & EPSRC Research Fellow, School of Materials & Manchester Institute of Biotechnology

### **Invited speakers**

"Strategies to Enhance the Performance of Apatite Surfaces"



**Dr Adrian Boyd**, University of Ulster

"Covalent bonding between components in sol-gel hybrid scaffolds for regenerative medicine"



**Professor Julian Jones**, Imperial College London



**Dr Showan N Nazhat** , McGill University, Montreal, Canada

"Anisotropic injectable tissue equivalents"

**Invited speakers:**

**Antimicrobial biomedical surfaces: Dr Artemis Stamboulis**, University of Birmingham

**Professor Liam Grover: University of Birmingham**

**Professor Andrew Dove: University of Warwick**

**Conference Dinner** on 5 January 2015 at

The Chemistry Centre, Burlington House, Piccadilly, London

**Sponsors are welcome**

### **RSC Biomaterials Chemistry: Special Interest Group Committee**

Ajay Luthra (Biointeractions Ltd), Cameron Alexander (University of Nottingham), John Nicholson (University of Greenwich), Neil Cameron (Durham University), Julian Braybrook (LGC), Brian Saunders (University of Manchester), Fiona Meldrum (University of Leeds), Aline Miller (University of Manchester), Sanjukta Deb (King's College London), Chris Sammon (Sheffield Hallam University) and Steve Rimmer (University of Sheffield)



Please submit your abstract to [luis.rojo del olmo@kcl.ac.uk](mailto:luis.rojo_del_olmo@kcl.ac.uk)

**Ensure that the abstract does not exceed 1 A4 page. The font size should be a minimum of 11 and font style Arial. Line spacing: 1.5**

**Abstract Title Centred and Bold in Upper- and Lowercase**

**Now accepting last minute poster abstracts till 15.12.14**

**Given-name Family-name (Surname)<sup>1</sup> and Given-name Family-name (Surname)<sup>2\*</sup>**

**(Example: Tom Jones<sup>1</sup>, Jo Jones<sup>2</sup>....)**

**<sup>1</sup>Department/Research Institute, University, Country**

**<sup>2\*</sup>Department/Research Institute, University, Country, email@presenting.author**

**Leave one line after the affiliations**

**INTRODUCTION**

The Introduction should introduce the background to the work that has been carried out. It should contain citations to the key literature to support this rationale and should lead to a clearly stated hypothesis or set of objectives. References must be added in the text with superscripts<sup>1</sup>.

**Ensure that the abstract does not exceed 1 A4 page. The font size should be a minimum of 11 and font style Arial. Line spacing: 1.5**

**EXPERIMENTAL METHODS**

This section should specify exactly what was done experimentally. Subheadings can be used to differentiate the different methods in this section.

**CONCLUSION**

The conclusion should be based on the work presented.

**RESULTS & DISCUSSION**

Authors should consider how to present their data. Figures and tables are to be used in this section. If using histology or microscopic images- scale bars should be included. Graphs should have relevant statistics (statistical significance) with appropriate legends. There should be sufficient information for the reader to understand, but it is not necessary to write an extensive text to explain all the detail.

**ACKNOWLEDGEMENTS**

Acknowledge any funding sources or co-workers.

**REFERENCES**

References must be numbered. Keep the same style.

1. Smith G. et al., J. Biomech. 2:5-11, 2011