**INNOVATIONS IN ENCAPSULATION 2017**

This one day meeting, which was held at the RSC, Burlington House, on 8 December, 2017, was organized by the Formulation Science and Technology Group ( FSTG ) of the RSC Industrial Division with the support of the Industrial Physical Chemistry Group of the Faraday Division. The meeting was well attended with over 70 delegates, of which over half were from industry (approx. 42) and 20 from overseas.

The meeting was opened by Dr Simon Gibbon, chairman of the FSTG, who outlined the importance of formulation science in a range of industrial applications and processes. These include pharmaceuticals, cosmetics, foods, detergents and printing inks amongst many others. In some of these formulations an active component is sometimes contained in an “encapsulated” form. This may protect it from degradation or allow it to be released in a controlled manner, such as when activated by an external stimulus. This theme was the topic of the meeting and was highlighted by 12 oral presentations, five of which were invited, and 12 posters mainly contributed by younger researchers. Some examples of developments in this area were the following in the programme:

**Nanotechnology and Differentiated Medicine**

Prof I. Uchegbu, University College, London

**Using solutions for fragrance oil encapsulation to develop local delivery of highly cytotoxic drugs**

Dr O. Cayre, Univ. of Leeds

**Metal-organic framework capsules**

Dr D. Bradshaw, Univ. of Southampton

**Energy Nanocapsules for Thermo-Regulating paints and Textiles**

Prof D. Shchukin, Univ. Liverpool

**Encapsulating living microorganisms via ice-templating**

Dr F. Fernandes, Univ Paris, France

**Metal-organic frameworks (MOFS) a novel host platform for enzymatic immobisation**

Dr C. SIcard, Univ Paris Saclay, France

The programme of the meeting allowed highly successful networking among delegates and the presentation of many high quality posters in a special session.

The IPCG had provided financial sponsorship to the meeting and this supported the award of the **Best Poster Prize**. John Ramsay presented this on behalf of the IPCG to Natalia Porfiryeva for the poster entitled: **Polyectroyte complexes of PEGylated Eudragoits as nanocontainers for drug delivery,** a joint paper from groups at the Dept of Pharmacy, Kazan State Medical Univ. Russia and the School of Pharmacy, Univ. of Reading.

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