

ibdg

newsletter

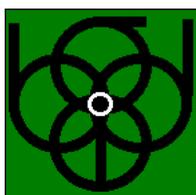
www.ibdg.org.uk

affiliated to:

The Royal Society of Chemistry (Dalton Division) & The British Biophysical Society

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Message from the Chair

Welcome to the summer issue of the IBDG newsletter. In this issue we describe our recent meetings and report on future plans. Highlights include a description of a new IBDG Award for outstanding achievements by a young scientist. We hope that this biannual award will showcase the talent that we have in inorganic biochemistry in the UK. Getting started as a young academic is increasingly competitive and we hope that, in some small way, this award will assist the career development of the next generation of leaders in our field. Nominations can come from the scientists themselves, but we want the community as a whole to encourage people to apply (details inside).

Of course the *raison d'être* of the IBDG is its scientific meetings. Since the last newsletter we have had a very successful meeting at the University of Leicester on "Protein Dynamics, Structure and Function". For those of you who haven't seen details of this meeting on our web page we include a report in this issue. The meeting was very scientifically exciting and, via successful sponsorship, financially successful too. We thank Emma Raven for making this, our first annual meeting outside London for many years, such a success.

Next year (January 2006) we will be returning to Queen Mary (University of London) for our annual meeting thanks to John Viles, Peter Heathcote and colleagues in the School of Biological and Chemical Sciences. More details, including registration forms, are included in this issue. We will be including a number of advanced tutorial lectures on spectroscopic techniques at this meeting and I hope you will all come, and encourage your students/post-docs to attend as well. We intend to intersperse tutorial lectures with the standard scientific talks in our January meeting so that annual attendance by researchers over a 3-4 year period should result in exposure to a portfolio of many of the basic skills used by inorganic biochemists.

Our science is becoming increasingly interdisciplinary; another area we wish to expand in is via joint meetings with other scientific societies and interest groups of the RSC. The Leicester meeting was joint with the Biophysical Society and the upcoming Queen Mary meeting is co-sponsored by the RSC Electron Spin Resonance Group. We are exploring

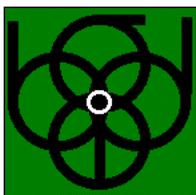
future collaborative ventures with the Inorganic Mechanisms Group and the Bio-organic Groups.

We are also encouraging the idea of sponsoring meetings apart from the annual January jamboree. This year many of you will be attending DD8 in Nottingham in early September, the first Dalton Discussion meeting sponsored and organised by IBDG. There is still time to attend (details are inside). We are open to suggestions for other meetings. The expectation is that these would be revenue neutral (i.e. break even), but the IBDG could underwrite the costs and assist with upfront expenses.

Finally we said good-bye to a number of long-standing colleagues who had worked hard for IBDG over the years (or at least good-bye to their administrative duties, hopefully not their extensive scientific input to the society). Rob Evans passed the baton on as Chair to myself and the Treasurership went from David Lowe to David Evans. Bobby Ward left the committee after many years of outstanding service. May I take this opportunity to thank in print Rob, David and Bobby for all their work over many years for IBDG.

For up-to-date news on all our activities (and especially meetings) don't forget to check our web pages:- www.ibdg.org.uk

Chris Cooper (Chair IBDG) ccooper@essex.ac.uk



The IBDG Young Investigator's Award

The Inorganic Biochemistry Discussion Group is inaugurating a young investigator's award. This award is designed to highlight and promote the next generation of outstanding UK-based inorganic biochemists.

The IBDG is therefore seeking nominations for the 2006 award. The award will be made every two years for outstanding contributions to any area of inorganic biochemistry or biological inorganic chemistry. The award winner will receive a prize of £500 and will present a lecture at an IBDG sponsored meeting in the following year; the IBDG will pay travel and on-site costs at this meeting.

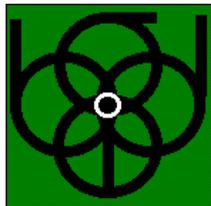
To be eligible for the award nominees must:

- normally be under the age of 35 on the 1st January 2006, although appropriate allowances will be made for career breaks
- be currently employed in the UK

Nominations for the IBDG Young Investigator's Award must be made electronically by the nominee to the Chair (currently Chris Cooper – ccooper@essex.ac.uk) and should include:

- a letter from the nominee which summarises their principal achievements in inorganic biochemistry or biological inorganic chemistry and which includes the names of two referees
- the nominee's current CV and list of publications, highlighting the 5 most significant
- the nominee is also responsible for arranging for electronic supporting letters from the two referees (to be e-mailed separately to the Chair) describing the area of work undertaken and highlighting the nominee's achievements in inorganic biochemistry or biological inorganic chemistry.

Nominations for the 2006 Award will close on December 1, 2005.



Future Meetings

Dalton Discussion 8 Metals: Centres of Biological Activity 7-9 September 2005, University of Nottingham, UK

We look forward to welcoming you to Nottingham where we will be hosting the joint Dalton Division and Inorganic Biochemistry Discussion Group conference "Metals: Centres of Biological Activity" on 7-9 September 2005. The conference will focus on four principal classes of metalloprotein: haem-, copper- enzymes, nickel-, and molybdenum- and tungsten-containing proteins and enzymes. The full conference programme contains four keynote and over twenty discussion lectures that highlight the major structural, spectroscopic and mechanistic advances in each of these fields. The keynote speakers include: Amy Rosenzweig (Northwestern), Stephen Chapman (Edinburgh), Fraser Armstrong (Oxford) and Ralf Mendel (Braunschweig). We've also included a poster session within the programme, arranged for reduced registration fees for postgraduate students and we'll be producing a special copy of Dalton that will form a permanent record of the meeting.

Full details about the Dalton Discussion 8, including registration details and how to apply for travel bursaries for students, can be found at the conference website www.rsc.org/dd8.

Metals and Radicals in Biology: Spectroscopic Insights 5 - 6 January 2006, Queen Mary, University of London, UK

The annual Inorganic Biochemistry Discussion Group meeting will be held at Queen Mary, University of London on 5 – 6 January 2006. The theme for the 2006 meeting will be the application of advanced spectroscopic methods to probe the nature and function of free radical and paramagnetic transition metal centres in a wide range of biological systems. The meeting will also include a series of tutorial lectures detailing the physical principles and the information content of electron paramagnetic resonance (EPR), electron nuclear double resonance (ENDOR), electron spin echo envelope modulation (ESEEM) and magnetic circular dichroism (MCD) spectroscopies in addition to the more usual research presentations. Confirmed speakers include: Robert Bittl (FU Berlin), David Lowe (JIC), David Richardson (UEA), David Britt (UC,Davis) Stephen Rigby (QMUL) and Sun Un (Saclay).

This meeting will be held jointly by the Inorganic Biochemistry Discussion and ESR Groups of the Royal Society of Chemistry and details of the meeting, including the scientific programme and registration details, may be found on the IBDG website, www.ibdg.org.uk. A registration form can also be found on page 5 of this newsletter.

Dalton Division
Inorganic Biochemistry Discussion Group

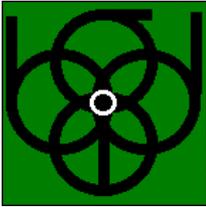
Dalton Discussion 8 Metals: Centres of Biological Activity

- Haem Iron: Nature's Most Versatile Redox Centre
- Multi-Copper Enzymes and their Chemical Analogues
- Nickel Enzymes: New Perspectives and Challenges
- Molybdenum and Tungsten Enzymes: Nature and Function

www.rsc.org/DD8

7-9 September 2005
University of Nottingham, UK

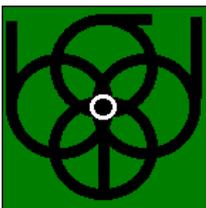
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advancing the chemical sciences



Meeting Report

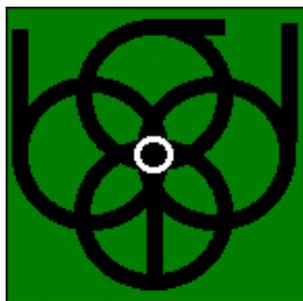
Protein Dynamics and Function

The January 2005 meeting at the University of Leicester saw the IBDG annual meeting move out of London for the first time in many of years. The meeting, held jointly with the British Biophysical Society, succeeded in bringing together researchers from a wide variety of disciplines and maintained the traditionally high standard of presentation and discussion from speakers and attendees alike. The result was a most stimulating, informative and enjoyable way to start the new year. The opening talk from Janus Hajdu (Uppsala) was typical of the approach taken by most of the speakers at this interdisciplinary meeting – a clear description of a methodology together with exciting new science that has emerged from its use. Additional highlights included talks from Stephen Sligar (Illinois), Helen Saibil (Birkbeck), So Iwata (Imperial) and Roger Thornley (John Innes Centre). The oral and poster presentations of the younger scientists were also of a high standard. Emma Simpson (Nottingham) and Angela Pozo-Ramajo (Liverpool) saw off stiff competition to win the prize for the Best Young Speaker and Best Poster Presentation respectively.



IBDG Officers

- Chair** Prof Chris Cooper (Biophysical Society Representative)
Department of Biological Sciences, University of Essex, Wivenhoe Park,
Colchester, CO4 3SQ
- Vice-Chair** Dr John Reglinski
The Department of Pure and Applied Chemistry, Thomas Graham Building,
University of Strathclyde, Glasgow, G1 1XL
- Secretary** Dr Julea Butt
School of Chemical Sciences and Pharmacy, University of East Anglia
Norwich, NR4 7TJ
- Meetings Secretary** Dr Jon McMaster
School of Chemistry, University of Nottingham
Nottingham, NG7 2RD
- Treasurer** Dr Dave Evans
Biological Chemistry Department, John Innes Centre
Norwich, NR4 7UH
- Committee:-** Dr Kate Brown (Imperial College, London)
Dr Rob Evans (King's College, London)
Prof. David Lowe (JIC, Norwich)
Dr Emma Raven (Leicester)
Dr Jon Viles (Queen Mary, London)
Dr Kenneth White (London Metropolitan University)



Inorganic Biochemistry Discussion Group
and the ESR Group present:

METALS AND RADICALS IN BIOLOGY: SPECTROSCOPIC INSIGHTS

www.ibdg.org.uk

Queen Mary, University of London
5-6 January 2006

REGISTRATION DETAILS:

Title: Name:.....

Affiliation:

Address:

.....

.....

Tel: Fax: E-mail:.....

REGISTRATION FEES:

Registration Fee*	£75	=
Registration Fee* - IBDG member	£60	=
Registration Fee* student	£40	=
One day registration (all categories)	£40	=
Meeting Dinner (Jan. 5)	£25	=
TOTAL		

* Includes lunch on day 2

DIETARY OR OTHER REQUIREMENTS

Details of any special dietary or other requirements:

ABSTRACTS

Abstracts for posters must be submitted before Dec 1. Please prepare abstracts in black and white according to the guidelines on the meeting web page.

PLEASE RETURN THIS FORM WITH YOUR CHEQUE (payable to *Inorganic Biochemistry Discussion Group*) BY 15 NOVEMBER 2005 TO:

Dr John H. Viles, School of Biological Sciences, Queen Mary, University of London, Mile End Road, London E1 4NS, UK

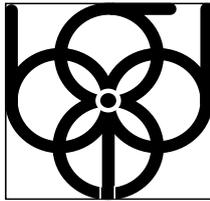
PLEASE ALSO SEND A COPY OF YOUR ABSTRACT (if applicable)

Please submit this by email (as Word file) to J.Viles@qmul.ac.uk (please mark your email 'IBDG Abstract').

CHECKLIST

Registration form (by post) ; Cheque (by post) ; Abstract (sent by email)

For further information see web site: www.ibdg.org.uk



INFORMATION FOR

MEMBERSHIP RENEWAL 2006 NEW MEMBERS 2005

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Only applicable for members who do not pay *via* the RSC

MEMBERSHIP INFORMATION

SUBSCRIPTIONS

• RATES

Subscription rates are £5.00 for ordinary members, £2.00 for student members.

• BANKERS ORDERS

Please will all members who pay direct to the IBDG consider paying by Bankers Order. A Banker's Order form is enclosed (page 10). **Please send it to YOUR BANK, not to us.**

• CASH

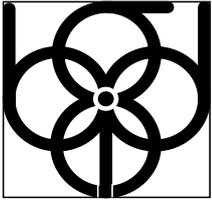
Some members prefer to pay cash. You may pay for **up to 4 years in advance** if you are renewing your membership for 2006 or becoming a new member in 2005. Enter the number of years (1, 2, 3 or 4) and the amount enclosed in the bottom section of the form. Please remember to pay in pounds sterling.

DATA

The IBDG is now registered as a Data User under the Data Protection Act. This is relevant to those members who pay direct to the IBDG. The RSC holds data for those who pay *via* them and is, of course, also registered under the Act.

Please will **all who pay direct to IBDG** read the following **statement of intent** and then answer the relevant questions in the **right-hand column** of the Membership Information section of the Form.

1. The Inorganic Biochemistry Discussion Group (IBDG) is a Registered Data User and will, therefore, hold data on its members and others for the administration of its membership affairs and meetings.
2. Other than to its Officers, or as may be required by law, the IBDG will not disclose personal data to third parties without data subjects' consent.
3. From time to time the IBDG distributes, on behalf of third parties, material thought to be of scientific or professional interest. Data subjects' personal information is not disclosed to the third parties concerned. If you do not wish to receive such material then please indicate this on the form.
4. Lists of delegates to IBDG meetings may be published. If you do not wish your name to appear on such lists, then please indicate this on the form.



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To be completed by ALL MEMBERS

How will you pay?

What TYPE of member are you? (✓ one)

Student (£2 / annum)

Non-student (£5 / annum)

How will you pay? (✓ one)

Title, Name, Address and e-mail

(please print or type)

B
A
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.....
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Signature: _____

Date: _____

Data protection information

Have you READ "Membership Information"?
(strike out one)

YES / NO

Are you happy to receive "material"?
as described in para 3 (strike out one)

YES / NO

I ENCLOSE (✓ one)

Cheque

Postal Order

International Money Order
(all in £ sterling)

Number of years:

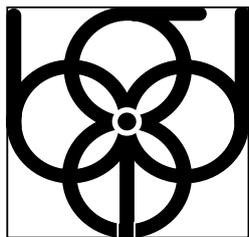
TOTAL: £

PLACES BELOW; SIGN & DATE THE FORM AND RETURN TO:

EVANS
Insurance
Policy Department
Centre
Lane

NORWICH, NR4 7UH (UK)

FOR OFFICE USE ONLY
£ REC
MREC
✓



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**THE INORGANIC
BIOCHEMISTRY
DISCUSSION
GROUP**

ibdg NEW BANKERS ORDER ibdg

PLEASE NOTE:

THIS FORM IS ONLY FOR MEMBERS WHO PAY DIRECTLY TO THE IBDG

BANKERS ORDER FORM

If you wish to use this method of payment, please complete this form and return it to **YOUR BANK**

YOUR BANK DETAILS:

Bank:
Branch: **Sorting Code:**
Address: **Account No:**
.....
.....
.....

On receipt of this form please pay to the account of the
INORGANIC BIOCHEMISTRY DISCUSSION GROUP (IBDG)
the sum of **£2.00 / £5.00** (strike out as necessary) and then pay
the sum of **£2.00 / £5.00** (strike out one) **annually** on **January 1st.** starting January 2006,
until further notice.

PLEASE CANCEL ANY PREVIOUS BANKERS ORDERS IN FAVOUR OF THE IBDG

IBDG BANK DETAILS:

Bank: ..HSBC plc.....
Branch: ..18 London Street..... **Sorting Code:** ...40-35-09.....
Address: ..NORWICH..... **Account No:** ...21391968.....
.....NR2 1LG.....
.....

NAME (PLEASE PRINT):

SIGNED:

DATE: