

[www.ibdg.org.uk](http://www.ibdg.org.uk)

# ibdg

newsletter

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Inorganic Biochemistry Discussion Group

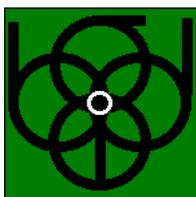
*affiliated to:*

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

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## Message from the Chair

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Welcome to the summer newsletter. The society is once again at the beginning of its two-year cycle and I have just moved into the Chair of the group. It is a great honour to lead the society that I joined as fledgling researcher. One of my first acts as Chair is to extend our thanks to Chris Cooper who led the group between 2005 and 2007. We are in a very healthy position with large and active membership as a result of his guidance.

Once again our Christmas meeting was a great success. Nearly 100 participants attended the meeting on iron, neurodegeneration and Parkinson's disease. This was a joint meeting with the European Iron Club, Special Parkinson's Research Interest Group (SPRING) and the Parkinson's Disease Society UK and continued our attempts to reach out to other interest groups. Mike Harris was instrumental in promoting the 2006 Christmas meeting and many of you will have noticed his boundless enthusiasm at the meeting as he searched for an understanding of the disease from which he so cruelly suffered. Thus, it was with great sadness that we learnt that Mike Harris passed away recently.

This Christmas, we are returning to a central theme of Inorganic Biochemistry with a meeting at Manchester entitled - '**Oxygen Activation by Metals in Biology**' to be held in early January. The group remains committed to promoting Inorganic Biochemistry from an early stage in a researcher's career and once again we will be giving a number of PhD students an opportunity to speak at the meeting. I would urge you to put your students forward for these slots so that they can experience the adrenaline of a speaking engagement early in their career. I appreciate that many established group leaders will not be able to make this meeting. However, I would hope that you will still send your students and postdocs such that they can meet and discuss their work in a friendly and inclusive forum and maybe make a long-term commitment to the group.

The newsletter also contains details of our Young Investigators Award. The society is again looking to promote the research efforts of an emerging star of inorganic biochemistry. Please give this serious thought and encourage people to put themselves forward for this award.

John Reglinski (Chair IBDG)

j.reglinski@strath.ac.uk



## The IBDG Young Investigator's Award - 2008

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The Inorganic Biochemistry Discussion Group Young Investigator's Award is designed to highlight and promote the next generation of outstanding UK-based inorganic biochemists. The award is made every two years for outstanding contributions to any area of biological inorganic chemistry or inorganic biochemistry.

IBDG is therefore seeking nominations for the 2008 award. The award winner will receive a prize of £500 and present a lecture at an IBDG sponsored meeting in the following year; IBDG will pay travel and on-site costs at this meeting.

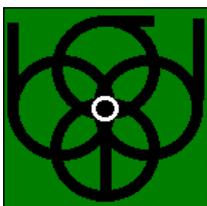
To be eligible for the award nominees must:

- normally be under the age of 35 on the 1st January 2008, 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 John Reglinski (j.reglinski@strath.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 John Reglinski) describing the area of work undertaken and highlighting the nominee's achievements in inorganic biochemistry or biological inorganic chemistry.

Nominations for the 2008 Award will close on December 1, 2007.



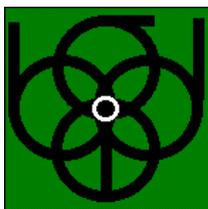
## Meeting Report

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### *'Mechanisms of Iron Induced Neurodegeneration: A Focus on Parkinson's Disease' – January 2007*

Iron and neurodegeneration - little relevance to my current research interest of multihaem cytochromes, or so I thought. However bringing together: toxic green haem, reactive ferryl iron, free radicals of - hydroxyl, peroxyxynitrite, nitric oxide and oxygen together with discussion of protein misfolding, iron transport and regulation, mitochondrial dysfunction, complex I, and the accumulation of redox active metal ions, siderophores, chelation therapy, and multifunctional drug design, it is difficult to imagine a bioinorganic chemistry field not touched upon. Truly everyone would find interest in the complex processes of brain function and disintegration - oxidative stress, cell degeneration and death. The meeting provoked a lively and impassioned discourse with many questions still to address. A potent reminder that all of us, often in very focussed research, should nurture a wider knowledge and perspective.

**Dr Sophie Marrit (UEA, Norwich)** Poster Prize Winner – IBDG Meeting Jan 2007



## Forthcoming Meetings

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### **European Iron Club**

13-15 September 2007,

**King's College London, Guy's Hospital Campus, London Bridge, London, UK**

The annual meeting of the European Iron Club ([www.euro-iron.org](http://www.euro-iron.org)) will be take place at King's College London. The European Iron Club is dedicated to research into the biological inorganic chemistry of iron: its metabolism, pathology and clinical relevance to man. Its aim is to promote discussion and interaction between biologists, biochemists, molecular biologists, nutritionists and clinicians working in all aspects of iron metabolism in biological systems. This year Rob Evans and Bob Hider are hosting the meeting at King's in association with IBDG. Submission of abstracts, for oral or poster presentation, are welcomed in any area of biological inorganic chemistry of iron.

Further information can be found at the website:

<http://www.kcl.ac.uk/schools/health/fe/index/html>

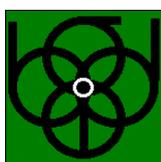
or Email: [eic-2007@kcl.ac.uk](mailto:eic-2007@kcl.ac.uk)

### **Activation by Metals in Biology – 2008 IBDG Annual Meeting**

4-5 January 2008,

**University of Manchester, UK**

The next annual Inorganic Biochemistry Discussion Group meeting will be held at the University of Manchester, UK. The meeting will provide an excellent opportunity for inorganic biochemists to discuss this topical subject inspired by poster presentations together with talks from a mix of younger and more established researchers. Details of the meeting, including the scientific programme and registration details, will be posted on the IBDG website, [www.ibdg.org.uk](http://www.ibdg.org.uk), and will feature in our Autumn Newsletter.

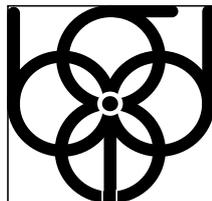


## IBDG Committee

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**Chair:** Dr *John Reglinski*, The Department of Pure and Applied Chemistry, University of Strathclyde. **Vice-Chair:** Prof. *Emma Raven*, Department of Chemistry, University of Leicester. **Secretary:** Dr *Julea Butt* (Biophysical Society Representative), School of Chemical Sciences and Pharmacy, University of East Anglia, Norwich. **Meetings Secretary:** Dr *Jon McMaster*, School of Chemistry, University of Nottingham. **Treasurer:** Dr *Dave Evans*, Biological Chemistry Department, John Innes Centre Norwich. Dr *Kate Brown*, Imperial College, London. Prof. *Chris Cooper*, University of Essex. Dr *Rob Evans*, King's College, London. Dr *Jeremy Harvey*, University of Bristol. Prof. *Andy Munro*, University of Manchester. Prof. *Chris Schofield*, University of Oxford. Dr *John Viles*, Queen Mary, London.

Newsletter Edited by Julea Butt ([j.butt@uea.ac.uk](mailto:j.butt@uea.ac.uk)).



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## INFORMATION FOR

### MEMBERSHIP RENEWAL 2008 NEW MEMBERS 2007

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

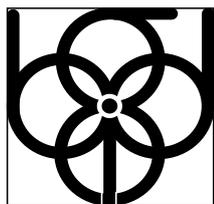
Some members prefer to pay cash. You may pay for **up to 4 years in advance** if you are renewing your membership for 2008 or becoming a new member in 2007. Enter the number of years (1, 2, 3 or 4) and the amount enclosed in the bottom section of the form. Please remember to pay in pounds sterling.

### DATA

The IBDG, through the Royal Society of Chemistry (Reg. Charity No. 207890), is a Registered Data User under the Data Protection 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), through the Royal Society of Chemistry, 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)**

Cash / cheque for this year only (enclosed)

Cash / cheque for up to **four** years (enclosed)

Bankers Order (new form sent to Bank or continuing)

I have already paid in advance

**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

Are you happy for your name to appear on lists of  
delegates to meetings?

YES / NO

Is your title, name, or address DIFFERENT from  
that on the envelope? (strike out one)

YES / NO

ENTER YOUR NAME, ADDRESS & PAYMENT DETAILS IN THE SPACES BELOW; SIGN & DATE THE FORM AND RETURN TO:

**DR DAVE EVANS**  
**IBDG Treasurer**  
**Department of Biological Chemistry**  
**John Innes Centre**  
**Colney Lane**  
**NORWICH, NR4 7UH (UK)**

**Title, Name, Address and e-mail**

(please print or type)

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.....  
.....

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**I ENCLOSE (✓ on**

Cheque

Postal Order

International Money Order   
(all in £ sterling)

Number of years:

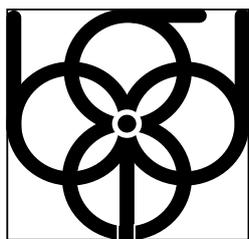
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**THE INORGANIC  
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DISCUSSION  
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**PLEASE NOTE:**

**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:** .....  
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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 2008,  
until further notice.

**PLEASE CANCEL ANY PREVIOUS BANKERS ORDERS IN FAVOUR OF THE IBDG**

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**Branch:** ..18 London Street..... **Sorting Code:** ...40-35-09.....  
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**NAME** (PLEASE PRINT): .....

**SIGNED:** .....

**DATE:** .....