

RADIOCHEMISTRY GROUP NEWSLETTER

Issue – November 2008

Dear **MEMBER**

This is the latest newsletter for members of the Radiochemistry Group. Please note that the majority of the information given in this newsletter can be found on our website at <http://www.rsc.org/Membership/Networking/InterestGroups/Radiochemistry>

Some of you will have been receiving a regular e-mail giving details when European Newsletters and other information are updated on our website. If you have not and are prepared to download your newsletter from the website, please let Dr Nick Evans (email: n.d.m.evans@lboro.ac.uk) have your e-mail address. As usual, the RCG Newsletter and the Radiochemistry in Europe Newsletter, which is published four times per year, are available through the RCG webpage at www.rsc.org/radiochemistry
The annual Group Newsletter will continue to be sent by post to all members.

This issue contains a draft agenda for the AGM to be held on 21st January 2009 at 14.00 hours and a call for nominations for committee members for 2008/2009. Committee Members can now sit for two terms of three years.

AGM Wed. 21st January 2009 at 14:00 hr

Draft Agenda

1. Apologies for absence
2. Minutes of the last meeting (21/11/07)
3. Matters arising
4. Committee Report (Printed in this newsletter)
5. Financial Statement (Printed in this newsletter)
6. Election of Officers and Committee for 2008/2009
7. Election of Honorary Auditors
8. Any other business

Current Officers

Chairman	Dr D Wilkinson *
Vice-Chairman	Prof. F Livens
Honorary Secretary	Dr Nick Evans
Honorary Assistant Secretary	Dr K Leonard
Honorary Treasurer	Dr A Ware

Committee Members

Dr Linda Ashton**	Prof. Phil Blower	Dr Terry Gingell**
Dr Marinda Keith-Roach	Dr Samantha King*	Dr Phil Warwick* **
Prof. Francis Livens	Dr K Morris*	Mr Rob Storrie* (co-opted)
Dr Paul Thompson	Dr John Thornback**	

*Denotes retiring members **Second term

NOMINATIONS for Committee Members and Officers

Nominations for committee members and other officers are invited and should be made with the agreement of the candidate and supported by at least two other members of the Radiochemistry Group. Due to pressure of work Prof. Francis Livens is not taking up the Chair in the New Year. The Committee are nominating Dr Terry Gingell for the post. Post of Vice-Chair is therefore vacant.

Nominations are invited and should be addressed to the Honorary Secretary by December 11th 2008: Dr. Nick Evans, Environmental Radiochemistry, Department of Chemistry, Loughborough University, Loughborough Leicestershire LE11 3TU. e-mail: N.D.M.Evans@lboro.ac.uk

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Radiochemistry Group VISION and MISSION STATEMENT.

Vision:

To promote, educate, practice and collaborate in the chemistry of radioisotopes.

Mission Statement:

The Radiochemistry Group (RG) supports all areas of chemistry involving the use of radioisotopes including:

- **Medical/Pharmaceutical** uses of isotopes in imaging and therapy
- Understanding the behaviour and transport of natural and anthropogenic radionuclides in the **environment** and application of radionuclides as tracers of natural phenomena.
- Understanding (studying) the coordination **chemistry** of the radioactive elements.
- The production, standardisation and use of radioactive **isotopes**.
- **Analytical** measurement and application of radioisotopes.
- **Regulating** handling and disposal of radioisotopes.
- **Waste management** and remediation of land contaminated by radioactivity
- The use of radionuclides in **nuclear energy** production.
- **Safeguards** in the non-proliferation of nuclear materials

Our working objectives are to:

- ◆ Encourage, assist and extend the knowledge and study of radiochemistry.
- ◆ Provide an opportunity for members of the Group to increase their knowledge and to enhance their professional capacity by, for example holding meetings
- ◆ Support networking, the exchange and dissemination of information.
- ◆ Assist in the public understanding of the social, educational and economic importance of radiochemistry.

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FINANCE

The financial year-ends on 31st December thus only the year 2007 audited accounts are currently available and given below. The accounts for 2008 will be available at the AGM.

Royal Society of Chemistry Group Account

Receipts and Payments 1 January 2007 - 31 December 2007

Group Name: Radiochemistry

<u>Receipts</u>	<u>Key</u>		
Interest (Business A/C)	1	276.05	
Interest (Treasurers A/C)	1	0.00	
RSC Grant	3	1,365.00	
Scientific Mtg	4	2,340.00	
Maidstone Proceedings Royalties	5	0.00	
Transfer from Symposium A/C		0.00	
			3,981.05
<u>Payments</u>			
Scientific Mtg	6	906.86	
YR Meeting	6	0.00	
Student Grants	6	750.00	
Officers Travel	8	1,888.77	
Stationery	8	0.00	
Committee/Auditors Travel	8	214.50	
Committee Lunches at RSC	8	993.89	
Becquerel Medal Expenses	9	95.00	
Miscellaneous Expenses	9	0.00	
Newsletters	9	231.15	
Bill Newton Award	9	500.00	
Transfer to Symposium A/C		4,000.00	
			9,580.17

Surplus (Deficit) for the year 2007	10	-5,599.12
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BALANCE SHEET

Balance Treasurers A/C 01/01/07		24.27
Balance Business Money Manager 01/01/07		11,799.40
Surplus (Deficit) for 2007	10	-5,599.12
Balance at 31/12/2007		6,224.55

Represented by Deposits

Balance in Treasurers A/C		182.20
Balance in Business Money Manager		6,075.45
Balance at 31/12/2007		6,257.65

Additional Funds

Funds Deposited with RSC at 31/12/2007		65,292.32
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The Bill Newton Award was presented for the first time in 2007 and will be presented every odd year with the Becquerel Medal presented in the even years.

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ANNUAL INTEREST GROUP REPORT FOR 2008

This report appears on the appropriate Radiochemistry Group web page.

INTEREST GROUP NAME	Radiochemistry
Chairman	David Wilkinson
Secretary	Nick Evans
Treasurer	Tony Ware
Submitted by	Nick Evans
Signed	
Date	

ACTIVITIES UNDERTAKEN IN 2007

Date	Activity (including dates and venues where appropriate)	Attendance Numbers	Comments
22 nd Feb 2007	Radiochemistry in Homeland Security at AWE, Aldermaston	100	
25 th Sept 2007	Radionuclide Therapy: Chemistry and Applications, St Thomas Hospital, London	75	
21 st Nov 2007	Actinide Materials Chemistry, Manchester University + AGM + Bill Newton Award presentation	65	

PLANNED ACTIVITIES FOR 2008 and beyond

<p>Annual General Meeting: November 2008, Venue t.b.a. + Award of Becquerel medal</p> <p>Scientific meetings 13th Feb 2008 Radioactive Waste Disposal (Birmingham) 16th Apr 2008 Young Researchers Competition (London) May 2008 Joint with BNMS Summer 2008 Tritium Radioanalytical Chemistry Nov 2008 Radiochemistry at RSC Careers Fair Spring 2009 Advances in PET Chemistry Autumn 2010 ERA Symposium (Chester)</p>
<p>Committee meetings: 23 January, 25 June and 15 October at Burlington House</p>
<p>Continuing Professional Development activities: Essays for schools http://www.rsc.org/Membership/Networking/InterestGroups/Radiochemistry/Essays.asp</p>
<p>Collaborations with other international groupings? Working Party on Nuclear and Radiochemistry http://www.euchems.org/Divisions/NRC/FutureEvents.asp This is main focus for development in 2008, liaison meeting in Budapest planned</p>
<p>Other activities: Young Researchers' Fund http://www.rsc.org/Membership/Networking/InterestGroups/Radiochemistry/YRF.asp</p>
<p>Are any activities planned in collaboration with other RSC Interest Groups or Networks? http://www.rsc.org/Membership/Networking/ Consultations under way with Water Chemistry Group and Chemistry and the Law Group</p>
<p>Would you like to receive advice with respect to opportunities for running any of the above activities jointly with other groups? No thanks</p>

AWARDS ASSOCIATED WITH THE GROUP

Name of Award	Becquerel Medal
Nature of the Award	Awarded to a scientist who has, over a significant period of time, made an outstanding contribution in research and/or teaching in radiochemistry.
Is there a meeting/presentation associated with this award?	At the AGM in 'even' years
How frequently is this awarded?	Every 2 years
Who received the award this year?	N/A

Name of Award	Bill Newton Medal
Nature of the Award	Awarded to a mid-career scientist who has made an outstanding contribution in research and/or teaching in radiochemistry.
Is there a meeting/presentation associated with this award?	At the AGM in 'odd' years
How frequently is this awarded?	Every 2 years

Who received the award this year?	Dr Nick Bryan (University of Manchester)
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NEWSLETTER

Please give details if appropriate:

Name of Editor	Dr A.R. Ware
Frequency of Publication	Annually
Any further information:	Available on group website; http://www.rsc.org/Membership/Networking/InterestGroups/Radiochemistry/Newsletters.asp

STUDENT BURSARIES

Besides hosting a Young Researchers Meeting each year at which two money prizes are awarded, the Group will also consider requests from student members of the group for bursaries to aid them to attend national and international meetings in topics related to the group's activities and interests. Requests should be made to the secretary (contact details see below.).

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RADIOCHEMICAL METHODS GROUP COMMITTEE

(Details of each member and period of service)

Please note that personal information is included which is NOT on our website and should not be passed to a third party without permission.

Chair:

Dr David Wilkinson
Astra Zeneca R&D Charnwood
Department of Medicinal Chemistry
Bakewell Road
Loughborough
Leics. LE11 5RH

e-mail: david.j.wilkinson@astrazeneca.com
Tel: 01509 644365
Fax: 01509 645571
Mobile: 0777 340 7871

Nov 06 – Nov 08

Vice Chairman:

Professor Francis Livens
Department of Chemistry
The University of Manchester
Oxford Road
Manchester M13 9PL

e-mail: francis.livens@manchester.ac.uk
Tel: 0161 275 4647
Fax: 0161 275 4598
Mobile: 07949 939 960

Nov 06 – Nov 08

Hon. Secretary:

Dr. Nick Evans
Environmental Radiochemistry
Department of Chemistry
Loughborough University
Loughborough
Leicestershire LE11 3TU

e-mail: N.D.M.Evans@lboro.ac.uk
Tel: 01509 222564
Mob: 07799 063 184

No fixed term

Hon. Assistant Secretary:

Dr Kins Leonard
Cefas
Lowestoft Laboratory
Pakefield Road
Lowestoft

e-mail: kins.leonard@cefas.co.uk
Tel: 01502 524477
Fax: 01502 513865

Suffolk NR33 0HT

No fixed term

Hon. Treasurer:

Dr Tony Ware
'Avoncastle'
South Lane
Sutton Valence
Maidstone
Kent ME17 3AZ

e-mail: tonyware@compuserve.com
Tel: 01622-842627
Mobile: 07702 360 816

No fixed term

Committee Members:

Dr. Linda Ashton
BNFL
Magnox Electric Plc
Berkeley Centre
Berkeley
Gloucestershire GL13 9PB

e-mail: linda.ashton@magnox.co.uk
Tel: 01453 81 2125
Fax: 01453 81 2733

Nov 03 – Nov 09

Professor Phil Blower
Division of Imaging Sciences
King's College London
5th Floor Thomas Guy House
Guy's Hospital Campus
St Thomas' Street
London SE1 9RT
UK

e-mail: P.J.Blower@kent.ac.uk
Tel: 0207 188 9513
Fax: 0207 188 5442
Mob: 07967 244191

Jan 06 – Nov 09

Dr. Terry Gingell
DERA
Crescent Road, Alverstoke
Gosport
Hampshire PO12 2DL

e-mail: t.gingell@dstl.gov.uk
Tel: 01705 768 164
Fax: 01705 768 150

Nov 03 – Nov 09

Dr. Miranda Keith-Roach
School of Earth,
Ocean and Environmental Sciences
University of Plymouth
Plymouth PL4 8AA

e-mail: miranda.keith-roach@plymouth.ac.uk
Tel: 01752 233048

June 06 – Nov 09

Dr Samantha King
United Kingdom Nirex Limited
Curie Avenue
Harwell
Didcot
Oxon OX11 0RH

e-mail: Samantha.King@nirex.co.uk
Tel: 01235 825505

June 06 – Nov 09

Dr Katherine Morris
Institute of Geological Sciences
School of Earth & Environment
University of Leeds
Leeds LS2 9JT

e-mail: kath@env.leeds.ac.uk
Tel: 0113 343 6723
Fax: 0113 343 6716

June 06 – Nov 09

Dr Rob Storrie

e-mail: rob.storrie@ge.com

GE Healthcare Ltd
The Grove Centre
White Lion Rd, Amersham
Buckinghamshire
HP7 9LL

(Co-opted) Oct 03 – Nov 09

Dr Paul Thompson
Building B8A1, AWE
Aldermaston, Reading
Berks, RG7 4PR

e-mail: paul.thompson@awe.co.uk
Tel: 01189824370

Nov 03 – Nov 09

Dr John Thornback
The Thatched Cottage
88 High Street North
Stewkley
Beds LU70EW

e-mail: jthornback@hotmail.com
Tel: 015252 40347
Mobile: 0796 872 6573

Nov 05 – Nov 09

Dr Phil Warwick
Geosciences Advisory Unit
(GAU-Radioanalytical)
National Oceanography Centre, Southampton
European Way
Southampton SO14 3ZH,

e-mail: pew@noc.soton.ac.uk
Tel: 0238 059 6600
Fax: 0238 059 6450
Mobile: 0773 989 8344

Nov03 – Nov 09

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PAST MEETINGS

Details of past meetings are posted on our website that currently cover: -

The Role of Radiochemistry in the Sentencing and Disposal of Radioactive Materials, 7 April 2008, Birmingham.

Radionuclide Therapy: Chemistry and Applications, 26 September 2007, St Thomas' Hospital, London

Radiochemistry in CBRN/Homeland Security, 22 February 2007, AWE Aldermaston. Reports include pdf files of individual presentations.

Reports on the following will be posted:

Tritium Users Group Meeting, 23 October 2008, National Oceanography Centre, Southampton

Production, Use and Disposal of Radioisotopes in Nuclear Medicine, 11 November 2008, AstraZeneca, Loughborough.

Becquerel Medal

During the meeting on the 11th November the Becquerel Medal was presented to Professor Syed Muhammad Qaim by Prof. Peter Warwick. Following the presentation Prof. Qaim delivered his acceptance lecture entitled "Role of Radiochemistry in Nuclear Data Research and the Cyclotron Production of Medical Radionuclides".

FUTURE MEETINGS

AGM 21 January 2009, 2 PM, Burlington House London

Joint Meeting with Water Chemistry Group, February 2009. Venue and exact date to be confirmed.

British Nuclear Medical Society Meeting, 27 – 29 April 2009, Manchester

Analytical Radiochemistry (joint with NW Region), 2 June 2009, Cumbria

2010

Environmental Radiochemical Analysis (ERA11), 14 – 17 September 2010, Queen Hotel, Chester

Bill Newton Award/Lectureship

In memory of Bill Newton a biennial award of £500 plus Medal and Certificate is made for a recent outstanding contribution to any aspect of radiochemistry.

Nominations relating to the research, teaching or advancement of radiochemistry are all eligible. The recipient will be required to give a lecture at a Radiochemistry Group sponsored meeting.

Recipients

2007 Dr Nick Bryan (University of Manchester)

Rules

1. The award of the Bill Newton award will normally be considered biennially by the Honours Committee, which will make a recommendation to the Radiochemistry Group of the Royal Society of Chemistry.
2. The merits of a particular candidate may be brought to the notice of the Honours Committee by means of a nomination sent to the Secretary of the RSC Radiochemistry Group. The nomination should be accompanied by a supporting statement on the candidate's career, a curriculum vitae and details of two referees. The nomination should include a clear indication of the significant contribution(s) made by the candidate to the advancement of radiochemistry.
3. The award shall be made on an over all assessment of the candidate's contribution, the impact of his/her work and his/her future promise in any field covered by the principles, teaching and practice of any aspect of radiochemistry as covered by the Radiochemistry Group's Mission statement

Nominations for the award to be made in 2009 are now called for. Send to secretary of Radiochemistry Group. Details can be found elsewhere in this newsletter.