Open Access Publishing and the role of the Royal Society of Chemistry

Sybille Geisenheyner
Sales Manager Central, Eastern & Northern Europe

Bern, Switzerland, May 2014:
Consortium event 2014:
Open Access – Current trends and future developments
What the Presentation covers:

• Where we are and what we do
• Long-Term Archiving
• What is Open Access and our view on sustainability
• How does RSC Gold works in practice
Who we are: The world’s leading chemistry community

What we do: Advancing excellence in the chemical sciences

Why we do it: To shape the future of the chemical sciences for the benefit of science and humanity

What drives us: Bringing chemical scientists together; promoting and sharing knowledge and ideas
The Royal Society of Chemistry

Advancing excellence in the chemical sciences

Shaping the future of the chemical sciences for the benefit of science and humanity

RSC Activities

- Learned Society Charity
- Education Facilitator
- Science Policy - campaigning organisation
- Global Membership Organisation
- Library and Information Centre
- Professional Body Qualifications
- Conferences & Events
- International not-for profit Publisher
What is RSC Publishing?

- Analytical Abstracts
- Catalysts & Catalysed Reactions
- Chemical Hazards in Industry
- Laboratory Hazards Bulletin
- Methods in Organic Synthesis
- Natural Product Updates
We do archive our content

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All archives are “dark” archives – only accessible if the RSC no longer hosts the content.
What is Open Access?

Open access (OA) is the availability of electronic content to readers without any access payment.

The advocates:

- Government
- Funding organisations
- Libraries
- Universities

- Research communities
- Patient advocacy groups
- The Public (tax payers)
Gold Open Access

‘Article Processing Charge/Fee’ is paid on acceptance

Paper is free for everyone to read from date of publication

Advantages

• Paper freely available immediately
• Authors still receive ‘value-added’ services from publisher
• Potentially sustainable business model

Disadvantages

• Cost could discourage some authors to publish
• Changeover expensive for institutes who pay to publish OA and also read non-open content
Green Open Access

*Paper initially published in a subscription journal*

*Deposited in an open access repository after an embargo period (12 months with the RSC)*

**Advantages**
- Free for researchers (but repositories still cost money to set-up and run)
- Majority of publishers already allow some form of deposition

**Disadvantages**
- Embargoes: latest research is not freely accessible
- Archiving: no version control of article deposited
- Limited search facilities and discoverability
- Unsustainable business model
Chemical Sciences Article Repository

To provide a central point for any person to find and share open access articles from the chemical sciences

Our aim is to host and/or contain records for all open access articles within the scope of the chemical sciences:

- Fully funded immediate open access (gold)
- Author versions made open access after an embargo period (green)
Timeline:
Beta version launched in October 2013
Full launch mid 2014

"a collection of chemistry data curated by the Royal Society of Chemistry will be of significant value to the worldwide chemistry community."

Prof Philip Gale, Head of Chemistry, University of Southampton

http://www.rsc.org/Chemical-Sciences-Repository/articles/
What are the challenges / risks?

- Self-funded researchers
- Low funded fields / nations
- Multiple authors / mandates / funders
- Ethical risks
- Society publishers’ charitable activities
- High impact journals require much higher open access fees
What is the RSC’s view?

“RSC supports Open Access models which seek to ensure that scholarly publishing activities operate in a long term sustainable way”

RSC content satisfies the fundamental pillars of scholarly publishing, namely:

• Certification (validation of quality and integrity)
• Registration (recognition of achievement)
• Accessibility (unparalleled online access, worldwide)
• Archiving (reliable perpetual accessibility)
• Discoverability (industry leading services to identify content)
Current Impact

% of articles per journal that are published OA 2013
Gold for Gold VS Paid Gold

Open Access articles 2013

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Country OA stats – RSC Journals

Countries publishing OA articles in RSC journals 2013

- **ENGLAND** 21%
- **USA** 10%
- **GERMANY** 9%
- **SWITZERLAND** 5%
- **AUSTRALIA** 4%
- **NETHERLANDS** 4%
- **SWEDEN** 4%
- **AUSTRIA** 3%
- **JAPAN** 3%
- **SPAIN** 3%
- **PEOPLES REP CHINA** 3%
- **CANADA** 2%
- **SINGAPORE** 2%
- **IRELAND** 1%
- **DENMARK** 1%
- **SLOVENIA** 1%
- **SOUTH AFRICA** 1%
- **ISRAEL** 1%
- **SAUDI ARABIA** 1%
- **NEW ZEALAND** 1%
- **WALES** 1%
- **BELGIUM** 1%
- **CZECH REPUBLIC** 1%
- **NORTH IRELAND** 1%
- **SOUTH KOREA** 1%
- **ITALY** 1%
- **INDIA** 1%
- **FRANCE** 2%
- **SCOTLAND** 3%
- **2% LAND** 2%
- **2% CANADA** 2%
Where’s it happening?
• We recognise researchers are being asked to publish OA, but may not have the funding
• A **reward** for all RSC Gold subscribing institutions
• Institutions get **voucher codes to publish Gold OA free of charge**
• Number of voucher codes received is what the institution pays for RSC Gold divided by £1,600
• **£6Million** invested in free Gold OA voucher codes for RSC Gold members

"The more that this type of thinking can be seen to permeate throughout the publishing industry, the better."
Ron Egginton, Department for Business, Innovation and Skills
Results so far…

- >600 Institutions qualify for Gold for Gold Voucher Codes
- In 2013
  - 878 articles
  - from 187 institutions
  - in 26 different countries
- Institutions include:
  - Cambridge University (UK)
  - UCLA (US)
  - University of Queensland (Australia)
  - Indian Institute of Technology Bombay (India)
  - Osaka University (Japan)
The Swiss Landscape

RSC Gold Consortia Subscriber
1. ETH Zurich
2. EPF Lausanne
3. University Basel
4. Lib4RI
5. University Zurich
6. University Geneva
7. University Bern
8. University Fribourg
9. Seven Universities of Applied Sciences
Swiss Articles Submitted
Swiss Articles published

ARTICLES PUBLISHED

2008 2009 2010 2011 2012 2013 2014
Published Open Access through RSC Gold

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How can you help?
Ensuring Researchers and the Scientific Community benefit – A changing role for Librarians!
How can an Gold4Gold Open Access Vouchers be used?

- An article has to be submitted and accepted in the year of the voucher validity (now 2014)
- Both, corresponding and co-author, can use vouchers
- The Author or Librarian has to click the link Au-000982
- ...

Au-000982
RSC Gold4Gold Open Access Vouchers PDF

Voucher Codes for Universitaetsbibliothek der Universitaet Potsdam

Please see below full details of your voucher codes. To redeem a voucher code just click it! For more information on our Gold for Gold initiative, go to Gold for Gold FAQ.

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First Name: *
Family Name: *
Email: *
Re-enter Email: *
Manuscript Number: *
Journal: *
Institution: *
Voucher code: *

Are you a member of a society which owns or co-owns the journal (e.g. PCCP or PPS) in which the article is to be published: *
Are you funded by an organization that requires the RSC to deposit the final published article in a certain repository, in a specific format: *

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Communication

Linking gold nanoparticles with conductive 1,4-phenylene disocyanide–gold oligomers

John Kestell, Rasha Abulafia, J. Anibal Boscoboinik, Yun Bai, Dennis W. Bennett and Wilfred T. Tysoe

DOI: 10.1039/C2CC38385F
Received 21 Nov 2012, Accepted 02 Jan 2013
First published online 03 Jan 2013

Abstract

It is demonstrated that 1,4-phenylene disocyanide (PDI)–gold oligomers can spontaneously bridge between gold nanoparticles on mica, thereby providing a strategy for electrically interconnecting nanoelectrodes. The barrier height of the bridging oligomer is 0.10 ± 0.02 eV, within the range of previous single-molecule measurements of PDI.

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Faraday Discussions 165
Electroanalysis at the Nanoscale
13 July 2013
Swansea University, UK

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Benefits of Gold for Gold

Authors
• Easy solution to increasing pressure to publish OA
• Get more visibility for their research
• No need to deal with payments of OA articles

Librarians
• Great for relations with faculty
• Become more actively involved with OA
• A chance to experiment with this model

Institution
• Profile is raised
• Copies of OA articles deposited in PMC
Consortia Success in Germany with DGF

- Big consortium deal in Germany with DFG
- 930 voucher codes for Institutions
- Very engaged community

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Uwe Rosemann, Director German National Library of Science and Technology and University Library Hannover (TIB/UB), Germany
Thank You!

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Sales Manager Central, Eastern & Northern Europe

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Questions