

Open Access in 2013



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EWI Focus Workshop – 14th October 2013

Johanna Kuhn
BioMed Central Ltd

Agenda

- Importance of Open Access
- Open access - a changing landscape
- Springer and Open Access
- Open Access in Belgium from Springer's perspective



Importance of Open Access

Open Access publishing

Different business model.....

- no subscription barriers
- universal access
- research is openly licensed to allow reuse

Same quality and standards

- Editors in chief
- Editorial boards
- Peer review
- Indexing



Why Open Access?

- Breaks down barriers between disciplines
- Promotes public engagement with scientific and medical research
- Creates an open global forum for scientific communication
- **For researchers:**
 - Very high visibility
 - Widely indexed
 - Excellent peer review
 - No barriers to dissemination (also social sharing) and access to research
 - Higher citations

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Breast Cancer Research 2010, **12**:R58 (3 August 2010)
[Abstract](#) | [Full text](#) | [PDF](#) | [PubMed](#) | [Cited on BioMed Central](#) | [Editor's summary](#)
2. **Case Report** Open Access
27253 [Trichobezoar presenting with the 'comma sign' in Rapunzel Syndrome: a case report and literature review](#)
Accesses: S Dindyal, NJ Bhuvu, S Dindyal, MJ Ramdass, V Narayansingh
Cases Journal 2008, **1**:286 (30 October 2008)
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3. **Review** Open Access Highly accessed
26834 [Idiopathic inflammatory myopathies: pathogenic mechanisms of muscle weakness](#)
Accesses: Sree Rayavarapu, William Coley, Travis B Kinder, Kanneboyina Nagaraju
Skeletal Muscle 2013, **3**:13 (7 June 2013)
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4. **Research article** Open Access Highly accessed
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BMC Pregnancy and Childbirth 2011, **11**:95 (21 November 2011)
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5. **Open debate** Open Access Highly accessed
21632 [Constructing narratives of heroism and villainy: case study of Myriad's BRACAnalysis® compared to Genentech's Herceptin®](#)
Accesses: A Baldwin, Robert Cook-Deegan
Genome Medicine 2013, **5**:8 (31 January 2013)

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Open access - a changing landscape

The changing landscape of open access publishing

2000



2013



Open Access in 2013

- There are nearly 10.000 open access journals in the DOAJ
- Over 1000 open access journals are indexed by ISI
- Open access to research is now mandatory in nearly 150 institutions and at over 50 funders
- A recent study found that 8.5% of peer reviewed articles are now published in a fully open access form*

*Study of open access – Bo Christer Bjork, PLOS One

A busy year for open access

- “Academic Spring” has kept Open Access in the news
- David Willetts (UK Science Minister), voiced strong support for OA, and announced involvement of Jimmy Wales in policy development
- The Finch report found open access would lead to efficiency benefits for researchers and produce economic growth
- July 2012, RCUK release policy on access to research outputs
- Sept 2012, BIS money release to pump-prime top 30 institutions.
- April 2013, RCUK block grants of 3bn


theguardian

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Open access is the future of academic publishing, says Finch report

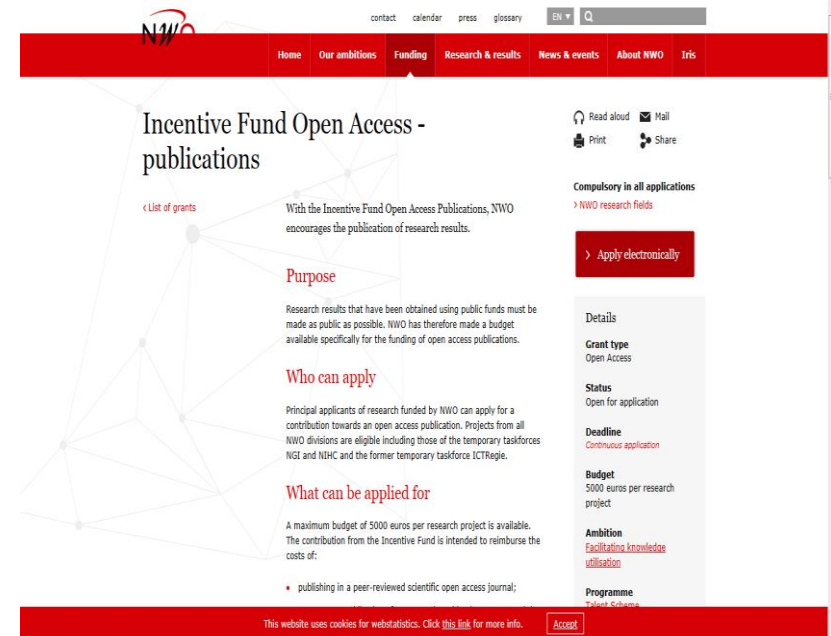
Transition to open access could cost £60m a year but bring benefits for UK economy and increase efficiency of research

Alok Jha, science correspondent
guardian.co.uk, Tuesday 19 June 2012 07.00 BST
 Comments (26)



NWO – Incentive Fund Open Access – publications

- Research results that have been obtained using public funds must be made as public as possible
- NWO has therefore made a budget available specifically for the funding of open access publications
- Principal applicants of research funded by NWO
- A maximum budget of 5000 euros per research project is available



The screenshot shows the NWO website's 'Incentive Fund Open Access - publications' page. The page has a red header with navigation links: Home, Our ambitions, Funding, Research & results, News & events, About NWO, and Iris. A search bar is in the top right. The main content area features a large heading 'Incentive Fund Open Access - publications' and a subheading '< List of grants'. Below this, a paragraph states: 'With the Incentive Fund Open Access Publications, NWO encourages the publication of research results.' The page is divided into sections: 'Purpose' (Research results that have been obtained using public funds must be made as public as possible. NWO has therefore made a budget available specifically for the funding of open access publications.), 'Who can apply' (Principal applicants of research funded by NWO can apply for a contribution towards an open access publication. Projects from all NWO divisions are eligible including those of the temporary taskforces NGI and NHC and the former temporary taskforce ICTRagie.), and 'What can be applied for' (A maximum budget of 5000 euros per research project is available. The contribution from the Incentive Fund is intended to reimburse the costs of: publishing in a peer-reviewed scientific open access journal;). On the right side, there are links for 'Read aloud', 'Mail', 'Print', and 'Share'. Below these, a section titled 'Compulsory in all applications' links to 'NWO research fields'. A red button labeled 'Apply electronically' is prominent. A sidebar on the right contains a 'Details' section with 'Grant type' (Open Access), 'Status' (Open for application), 'Deadline' (Continuous application), 'Budget' (5000 euros per research project), 'Ambition' (Facilitating knowledge utilisation), and 'Programme' (Select Science). At the bottom, a red footer bar contains a cookie notice: 'This website uses cookies for webstatistics. Click this link for more info.' and an 'Accept' button.



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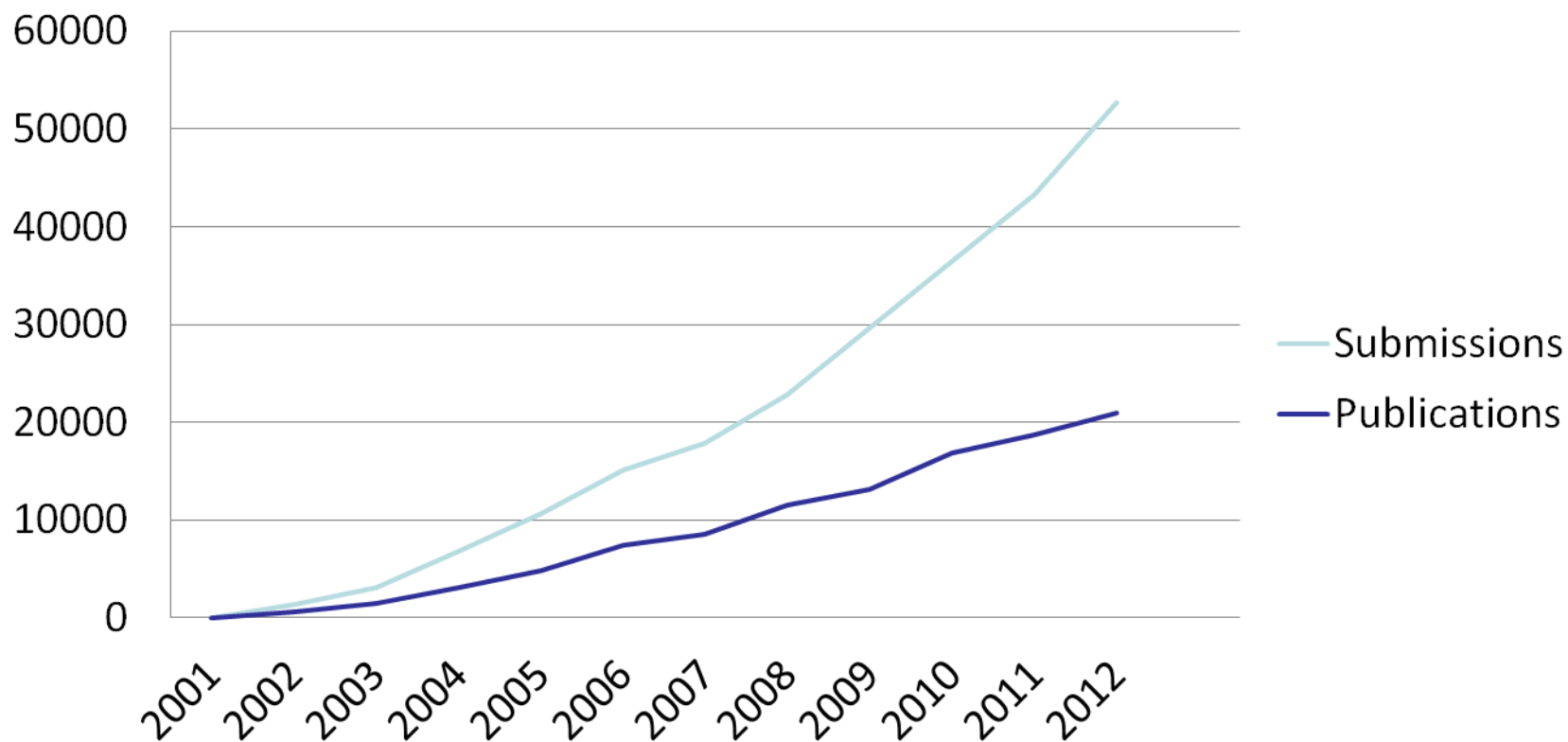
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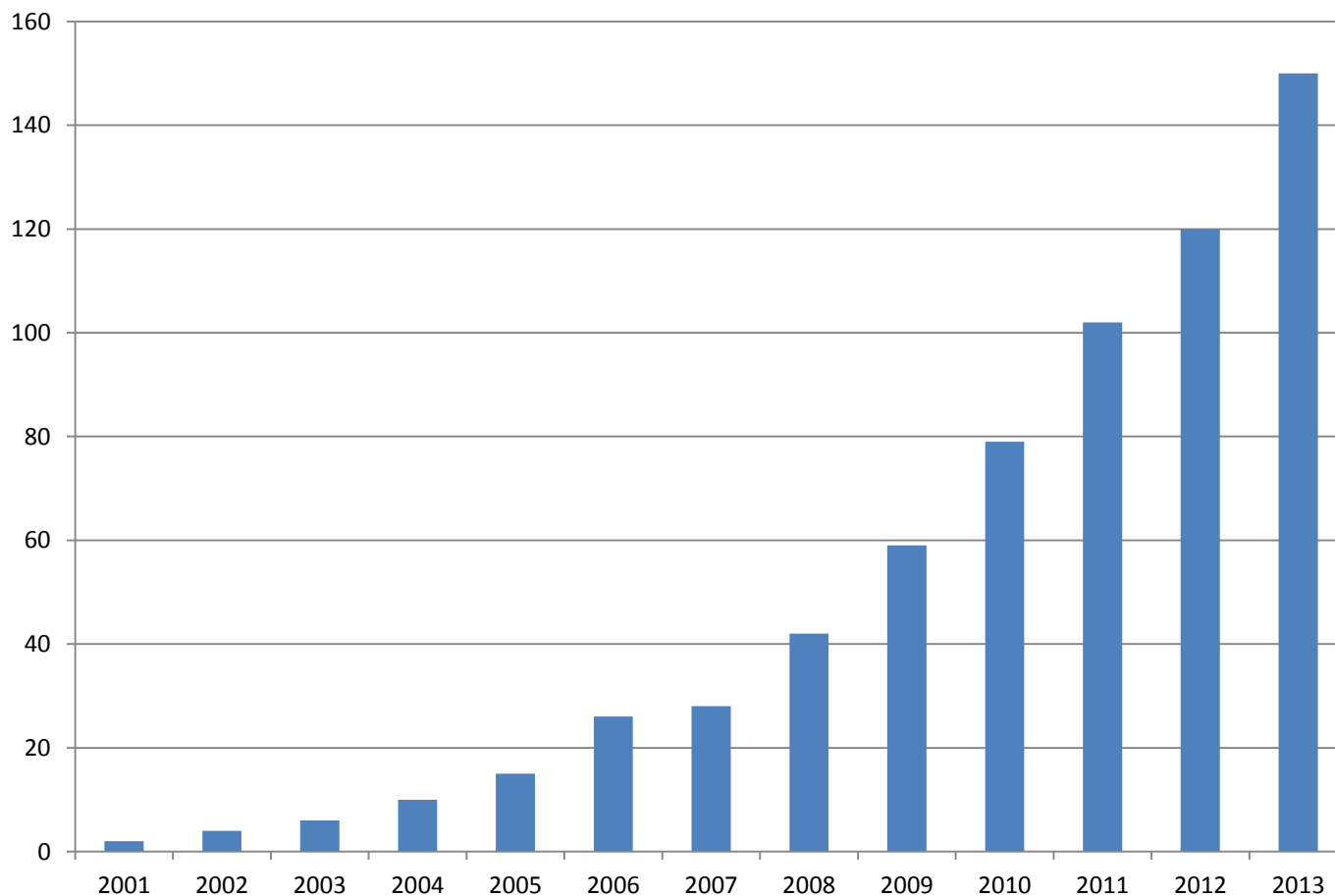
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Growth in Submissions and Publications



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Top 10 Impact Factors for BioMed Central journals

Journal	Impact Factor
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BMC Medicine	6.68
BMC Biology	6.53
Breast Cancer Research	5.87
Retrovirology	5.66
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1. Research article

Expression of SV2 isoforms during rodent brain development

Julie Crèvecoeur, Patrik Foerch, Melissa Doupagne, Caroline Thielen, Catherine Vandenplas, Gustave Moonen, Manuel Deprez, Bernard Rogister

BMC Neuroscience 2013, **14**:87 (9 August 2013)

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2. Book review

Review of Computational Systems Biology of Cancer

Eric Bullinger, Monica Schliemann

BioMedical Engineering OnLine 2013, **12**:76 (6 August 2013)

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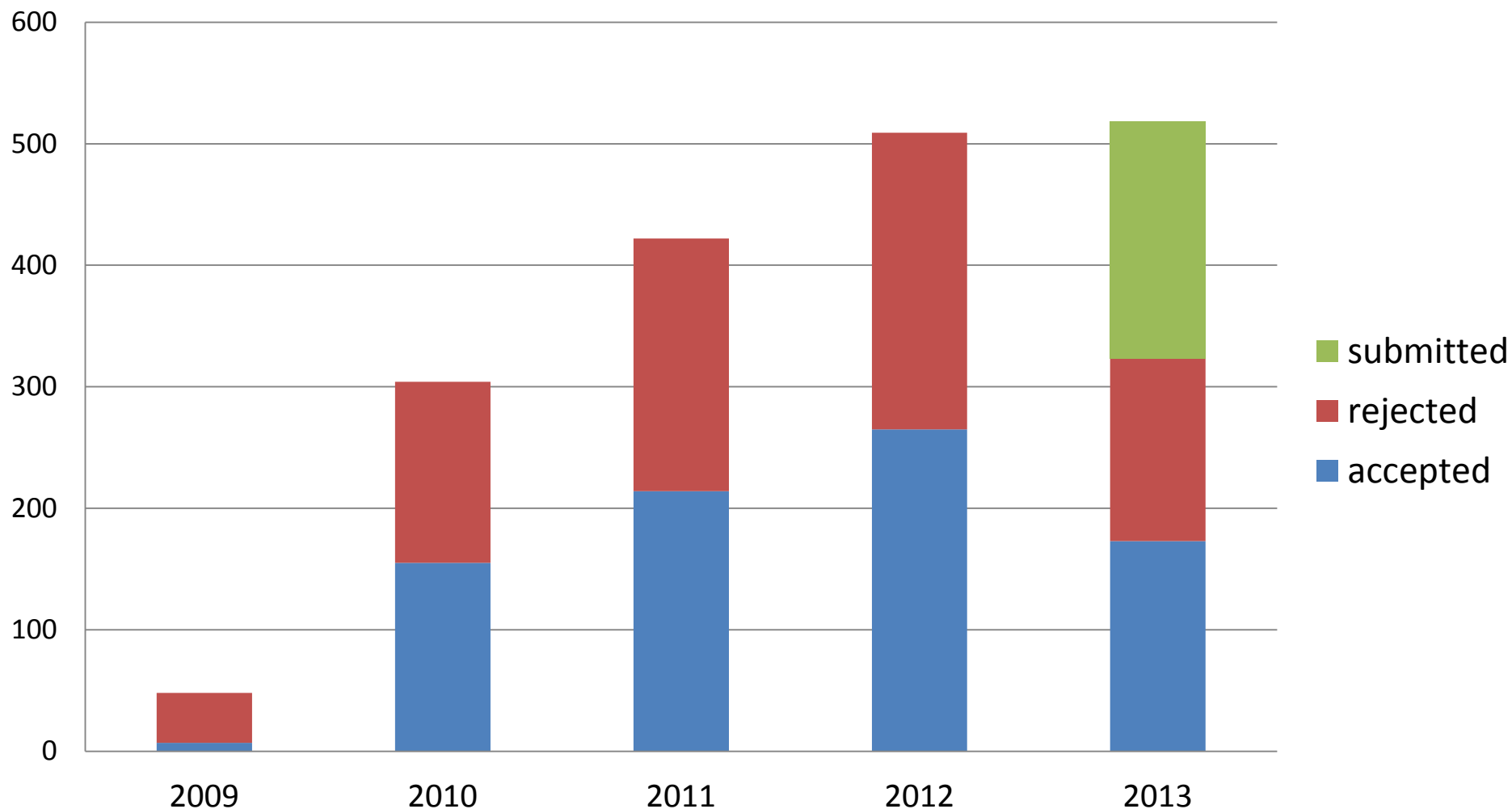
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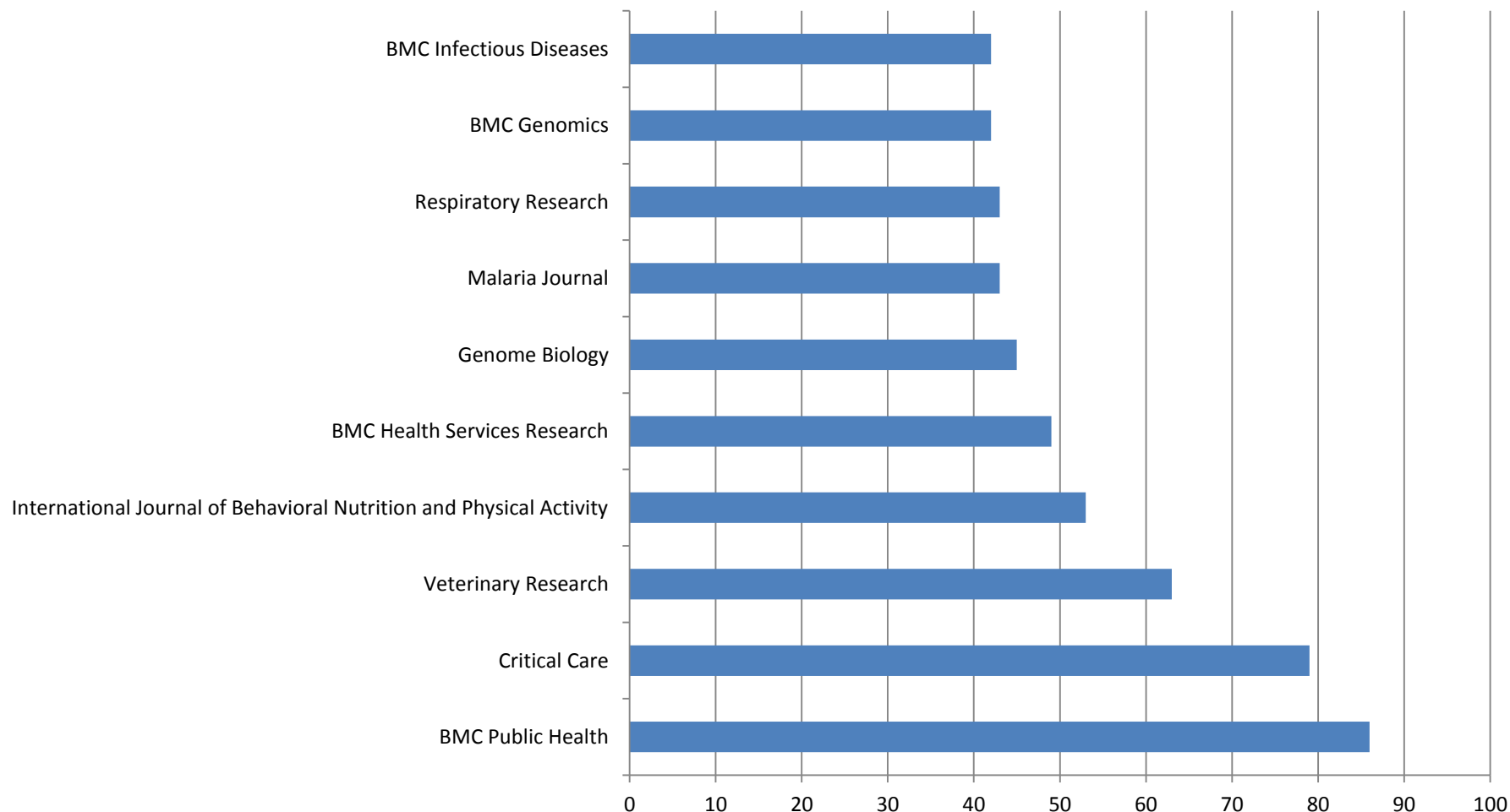
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**Meta-analysis of gene expression profiles in breast cancer:
toward a unified understanding of breast cancer subtyping
and prognosis signatures**

Pratyaksha Wirapati¹, Christos Sotiriou^{2*}, Susanne Kunkel¹, Pierre Farmer^{1,3}, Sylvain Pradervand⁴, Benjamin Haibe-Kains^{2,5}, Christine Desmedt², Michail Ignatiadis², Thierry Sengstag^{1,3}, Frédéric Schütz¹, Darlene R Goldstein^{1,4,6}, Martine Piccart² and Mauro Delorenzi^{1,3}

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3 National Centers for Competence in Research, Molecular Oncology, Swiss Institute for Experimental Cancer Research, Ch. des Boveresses 155, 1066 Epalinges, Switzerland

4 DNA Array Facility, Center for Integrative Genomics, 'Batiment Genopode', University of Lausanne, 1015 Lausanne, Switzerland

5 Machine Learning Group, Université Libre de Bruxelles, boulevard du Triomphe, CP212, 1050 Bruxelles, Belgium

6 Institut de Mathématiques, Ecole Polytechnique Fédérale de Lausanne, 1015 Lausanne, Switzerland

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Chopra, P., Kang, J., Hong, S.-M.

Comparative meta-analysis between human and mouse cancer microarray data reveals critical pathways
(2013) *International Journal of Data Mining and Bioinformatics*

Klinton, M., Nilsson, F., Bendahl, P.-O.

A prospective, multicenter validation study of a prognostic index composed of S-phase fraction, progesterone receptor status, and tumour size predicts survival in node-negative breast cancer patients: NNBC, the node-negative breast cancer trial
(2013) *Annals of Oncology*

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- Open Access publishing is here to stay and it is growing fast
- Springer works closely with authors and organisations to encourage Open Access
- OA in Belgium is gaining importance for the individual researchers

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