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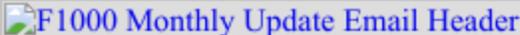
**Subject:** You heard right: restoring mouse hearing; and other top stories.

**Date:** Thu, 06 Sep 2012 16:27:21 +0000

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## September 2012

F1000's faculty of over 5,000 expert scientists and clinical researchers, assisted by 5,000 associates, recommend the best articles in the life sciences. **1,288 recommendations** were added in the last month, and you can [see them all here](#).



### Best of the Best

Some of the articles that caught the attention of our Faculty this month.

**Pardon? Restoring hearing in mice**  
This work demonstrates that hearing can be rescued in a strain of congenitally deaf mutant mice by viral transfer of wild-type complementary (c)DNA into the inner ear.



**Enter the enthesis: IL23**  
The previously unknown mechanism by which IL-23 induces spondyloarthritis has been elucidated: it acts on ROR- $\gamma$ (+) CD3(+)CD4(-)CD8(-) enthesal resident T cells.



**Negative fluid good for ARF**  
For the first time, a strong association has been made between negative fluid balance, or hypovolemia, and better outcome in adults with acute renal failure.



**Not crystal clear**  
Highlighted as "Good for Teaching", this paper encourages a re-think by crystallographers as to when data quality limits model improvement.



**Two million preventable cancers each year**



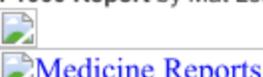
### F1000 Reports

Open-access journals publishing reports, written by Faculty Members, on hot topics with reference to the evaluated literature.



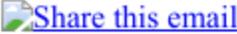
### Biology Reports

**New therapeutic approaches for malignant glioma: in search of the Rosetta stone**  
Recent progress in understanding malignant gliomas has revealed promising new targets for therapy.  
**F1000 Report** by Mat Lesniak et al.



### Medicine Reports

**Epigenetic synthesis: a need for a new paradigm for evolution in a contaminated world**  
Environmental contaminants are already influencing evolution on a global scale,



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### New this Month

<b>11</b>	articles classified as Changes Clinical Practice
<b>58</b>	articles classified as Controversial
<b>557</b>	articles classified as New Finding
<b>83</b>	articles classified as Technical Advance

This article serves as a reminder of how many cancers are caused by infections and could be preventable using existing medicine.



### Push me-pull you

An article that hints "at the beginnings of a new 'religion' in neuroendocrinology" by introducing a novel concept for the generation of hormone pulsatility in the HPA axis.



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with unknown consequences.

**F1000 Report** by Andrea C. Gore et al.



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## 1,288 Evaluations Added Last Month

Anesthesiology & Pain Management (66) • Cardiovascular Disorders (39) • Cell Biology (299) • Chemical Biology (75) • Critical Care & Emergency Medicine (46) • Dermatology (33) • Developmental Biology (121) • Diabetes & Endocrinology (56) • Ecology (56) • Gastroenterology & Hepatology (66) • Genomics & Genetics (178) • Hematology (28) • Immunology (78) • Infectious Diseases (63) • Microbiology (90) • Nephrology (24) • Neurological Disorders (82) • Neuroscience (141) • Oncology (104) • Ophthalmology (20) • Otolaryngology (24) • Pharmacology & Drug Discovery (130) • Physiology (172) • Plant Biology (37) • Psychiatry (33) • Public Health & Epidemiology (41) • Research Methodology (1) • Respiratory Disorders (46) • Rheumatology & Clinical Immunology (47) • Structural Biology (64) • Urology (32) • Women's Health (40)

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Open Repository for posters and slide presentations.



Poster of the Month in Neuroscience



Difference and the self: individualism and collectivism in cultural neuroscience



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### DATA ARTICLE

Freely available compound data sets and software tools for chemoinformatics and computational medicinal chemistry applications

[v1; ref status: Indexed, <http://f1000r.es/Mu9krs>]

Published: 14 Aug 2012



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Ye Hu and Jurgen Bajorath  
*F1000 Research* 1:11

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- [Opinion: Transparency in Science Publishing](#), The Scientist

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