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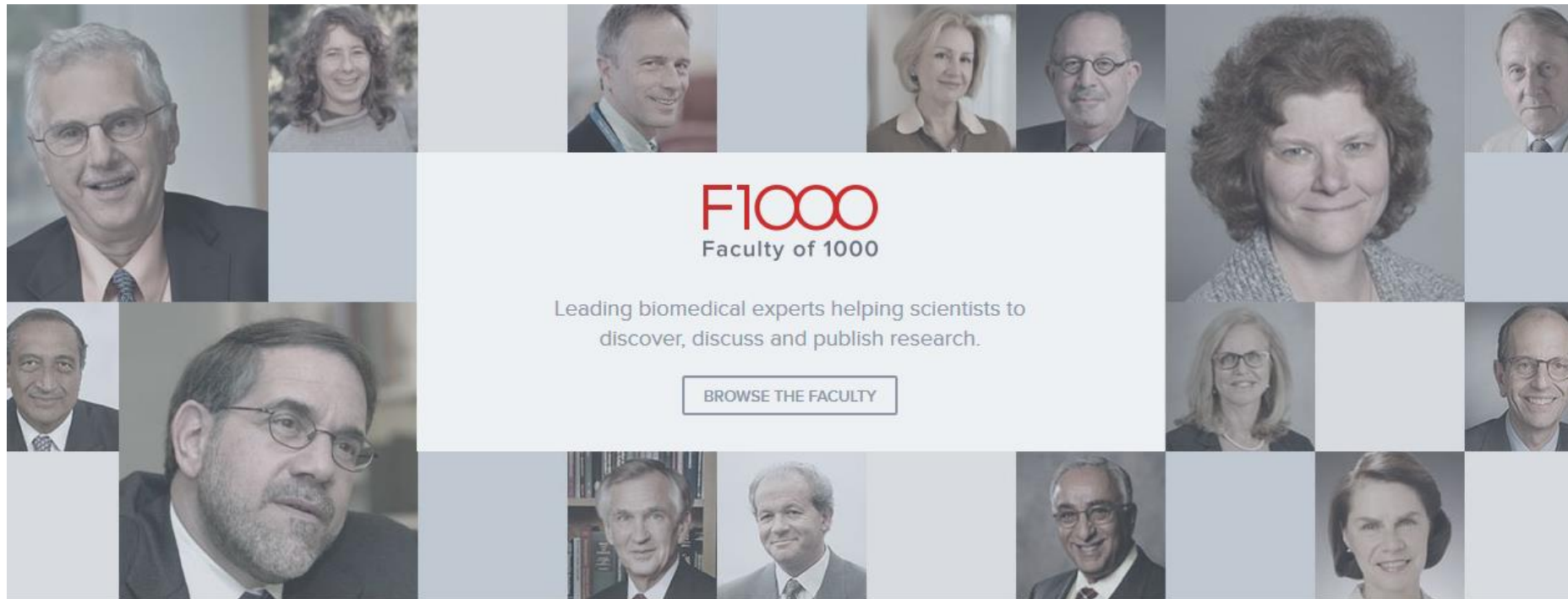
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May 19, 2015  
FuturePub at Pint of Science Festival

Eva Amsen  
[eva.amsen@f1000.com](mailto:eva.amsen@f1000.com)  
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Source of text used in demo: Baracchi D, Brown MJF and Chittka L. Weak and contradictory effects of self-medication with nectar nicotine by parasitized bumblebees [v1; ref status: indexed, <http://f1000r.es/56l>] *F1000Research* 2015, 4:73 (doi: [10.12688/f1000research.6262.1](https://doi.org/10.12688/f1000research.6262.1))

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For example, chimpanzees, A  
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High-resolution gene expression data from blastoderm embryos of the scuttle fly *Megaselia abdita*.  
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2015 Senoh M, Hamabata T, Takeda Y - Microbiol...  
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Stromal CYR61 Confers Resistance to Mitoxantrone via Spleen Tyrosine Kinase Activation in Human Acute Myeloid Leukaemia.  
2015 Long X, Yu Y ... Redell MS - Br J Haematol...  
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Nuclear Factor-Y is an adipogenic factor that regulates leptin gene expression.  
2015 Lu YH, Dallner OS ... Friedman JM - Mol Me...  
Cite Save Show abstract

TEM7 (PLXDC1), a key prognostic predictor for resectable gastric cancer, promotes cancer cell migration and invasion.  
2015 Zhang ZZ, Hua R ... Zhang ZG - Am J Canc...  
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Simmer F; Tijsterman M; Parrish S; Koushika S...  
Curr Biol. 2002 Aug 6; 12(15):1317-9

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Ullu E; Tschudi C; Chakraborty T;  
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Vastenhouw NL; Brunschwig K; Okihara KL; M...  
Nature. 2006 Aug 24; 442(7105):882

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### RECOMMENDED IN F1000

Genomic insights into the origin of parasitism in the emerging plant pathogen *Bursaphelenchus xylophilus*.

Kikuchi T; Cotton JA; Daizell JJ; Hasegawa K; Kanz...  
PLoS Pathog. 2011 Sep; 7(9):e1002219



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### MRI of plants and foods.

2013 Van As H, van Duynhoven J - J Magn Reson

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Genetic factors affecting food-plant specialization of an oligophagous seed predator.

2013 Laukkanen L, Leimu R... Mutikainen P - J Ev...

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NutriChem: a systems chemical biology resource to explore the medicinal value of plant-based foods.

2014 Jensen K, Panagiotou G, Kouskoumvekaki I - ...

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Food plant derived disease tolerance and resistance in a natural butterfly-plant-parasite interactions.

2012 Sternberg ED, Lefèvre T... de Roode JC - Ev...

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Plant sterols in food: no consensus in guidelines.

2014 Whangjoo O, Baber P, Townsend D, Bioche...

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(PMID:25065901)

Aslan C, Holmes N, Tershy B, Spatz D, Croll DA

Conserv Biol [2015, 29(1):133-142]

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### Natural epigenetic variation in bats and its role in evolution.

(PMID:25568456)

Liu S, Sun K, Jiang T, Feng J

J Exp Biol [2015, 218(pt 1):100-106]

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### Enhancer evolution across 20 **mammalian** species.

(PMID:25635462 PMCID:PMC4313353) [Free full text article](#) 

Villar D, Berthelot C, Aldridge S, Rayner TF, Lukk M, Pignatelli M, Park TJ, Deaville R, Erichsen JT, Jasinska AJ, Turner JM, Bertelsen MF, Murchison EP, Flicek P, Odom DT

Cell [2015, 160(3):554-566]

Cited: 0 times

### Gene expression defines natural changes in **mammalian** lifespan.

(PMID:25677554)


Fushan AA, Turanov AA, Lee SG, Kim EB, Lobanov AV, Yim SH, Buffenstein R, Lee SR, Chang KT, Rhee H, Kim JS, Yang KS, Gladyshev VN

Aging Cell [2015, 14(3):352-365]

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# A 1000-Year Carbon Isotope Rainfall Proxy Record from South African Baobab Trees (*Adansonia digitata* L.)

Stephan Woodborne , Grant Hall , Iain Robertson , Adrian Patrut , Mathieu Rouault , Neil J. Loader , Michele Hofmeyr 

Published: May 13, 2015 • DOI: 10.1371/journal.pone.0124202

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## Abstract

A proxy rainfall record for northeastern South Africa based on carbon isotope analysis of four baobab (*Adansonia digitata* L.) trees shows centennial and decadal scale variability over the last 1,000 years. The record is in good agreement with a 200-year tree ring record from Zimbabwe, and it indicates that rainfall was generally higher during the Medieval Warm Period, and the driest periods were during the Little Ice Age. Decadal-scale variability suggests a complex interaction between proximal and distal factors. Periods of higher rainfall are significantly associated with lower sea-surface temperatures in the Agulhas Current core region and a negative Dipole Moment Index in the Indian Ocean. The correlation between rainfall and the El Niño/Southern Oscillation Index is non-static. Wetter conditions are associated with predominantly El Niño conditions over most of the record, but since about AD 1970 this relationship inverted and wet conditions are currently associated with la Nina conditions. The effect of both proximal and distal oceanic influences are insufficient to explain the rainfall regime shift between the Medieval Warm Period and the Little Ice Age, and the evidence suggests that this was the result of a northward shift of the subtropical westerlies rather than a southward shift of the Intertropical Convergence Zone.

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PLoS ONE. 2015 May 13; 10(5) e0124202

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Forssberg H, Kiehn O

Lakartidningen. 2014 Oct 14; 111(41) 1766-7

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Ji F, Zhu Y

PLoS ONE. 2015 Mar 04; 10(3) e0119162

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absorption, apparent following prolonged exposure to high intraluminal glucose concentrations, is mediated via the low affinity glucose and fructose transporter, GLUT2, upregulated within the small border. The evidence that the non-saturable transport component is mediated via an e sugar transporter is that it is inhibited by phloretin, after exposure to phloridzin. Since

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