
ResearchGate

IJAD MADISCH, MD, PhD
CEO & Co-Founder

Network for professional researchers to share and follow research.



- My Background: Medicine (MD, PhD) and Computer Science
- Harvard Research Project
- Realized Lack of efficiency and inter-disciplinarity in Science --Founded ResearchGate to change that
- \$1M angel funding 2008-9 led by Joachim Schoss
- Series A: Benchmark
- Series B: Founders Fund

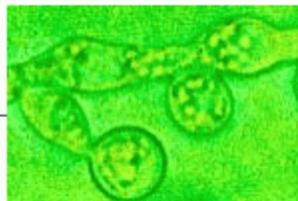


RG TEAM (67 FULL TIME & 40 INTERNS)



PRODUCT DEMO

Medical Mycology Month 2012, Early Online: 1-3



informa
healthcare

Short Communication

Isolation and molecular characterization of *Candida africana* from Jos, Nigeria

NINAEMEKA EMMANUEL NNADI^{*}, GRACE MEBI AYANBIMPE^{*}, FABIO SCORDINO[†], MARK OJIFEOMA BESSY ENWEANI[‡], GIUSEPPE CRISEO[†] & ORAZIO ROMEO[†]

^{*}Department of Medical Microbiology, University of Jos, Jos, Nigeria, [†]Department of Life Sciences "Marcell Microbiological, Genetic and Molecular Sciences, University of Messina, Messina, Italy, and [‡]Department of Science, Nnamdi Azikiwe University, Nnewi Campus, Nigeria

During a survey of the prevalence of *Candida* spp. in Jos, PL two atypical *C. albicans* isolates were recovered. These two ye



Green Chemistry

Cite this: *Green Chem.*, 2011, **13**, 3162

www.rsc.org/greenchem

PAPER

Valorisation of corncob residues to functionalised porous carbonaceous materials for the simultaneous esterification/transesterification of waste oils[†]

Rick Arneil Arancón,^{*,†} Higinio R. Barros Jr.,[‡] Alina M. Balu,[§] Carolina Vargas^c and Rafael Luque^{*,§}

Received 26th July 2011, Accepted 30th August 2011

DOI: 10.1039/c1gc15908a

Functionalised porous carbonaceous materials prepared from the were found to provide excellent activities in the simultaneous est highly acidic waste oils to biodiesel-like mixtures. Materials carb microporous) containing -SO₃H groups (ca. 1 wt% S, 0.16 mmol optimum yields (>95%) to fatty acid methyl esters after 6 h of re

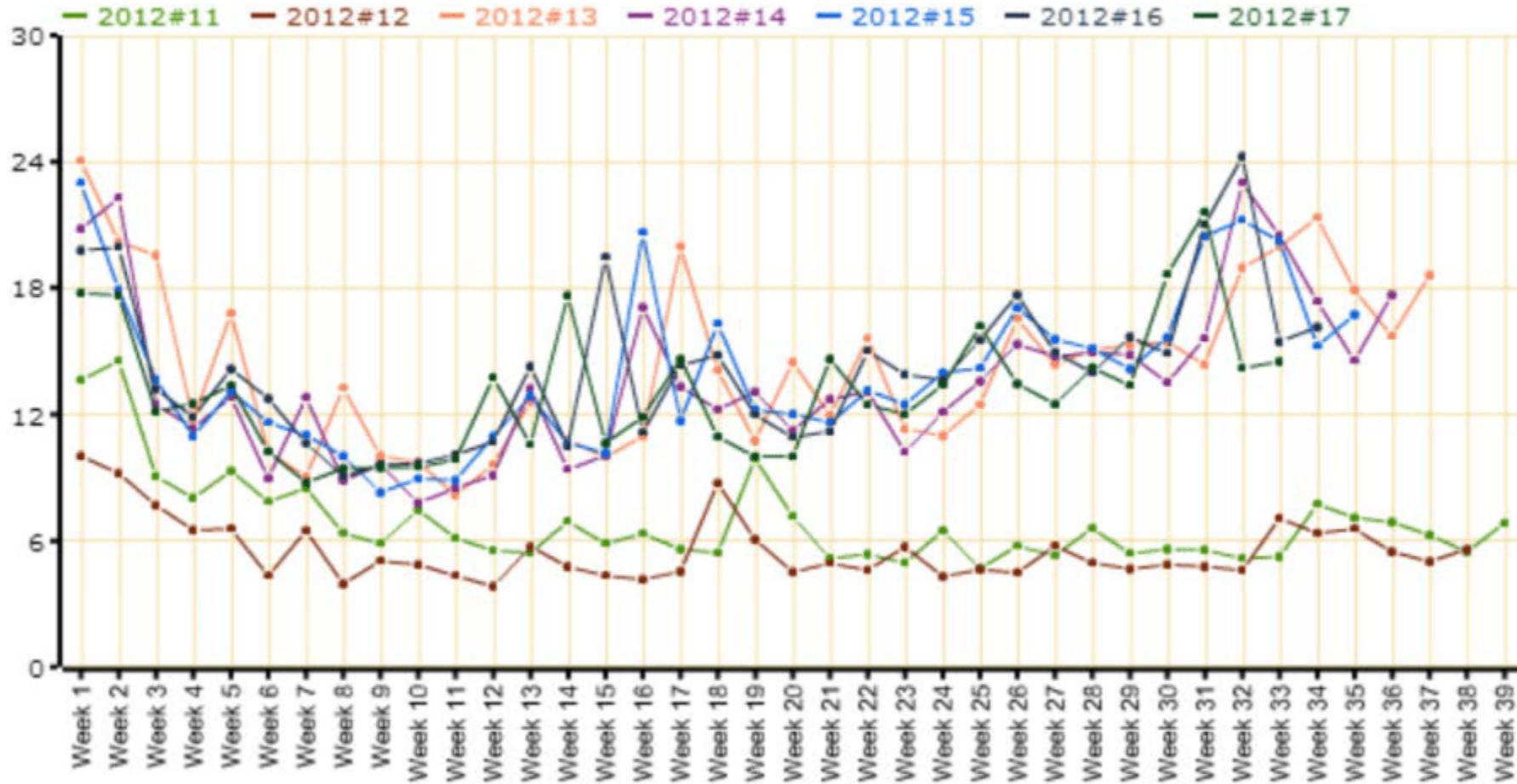
Introduction

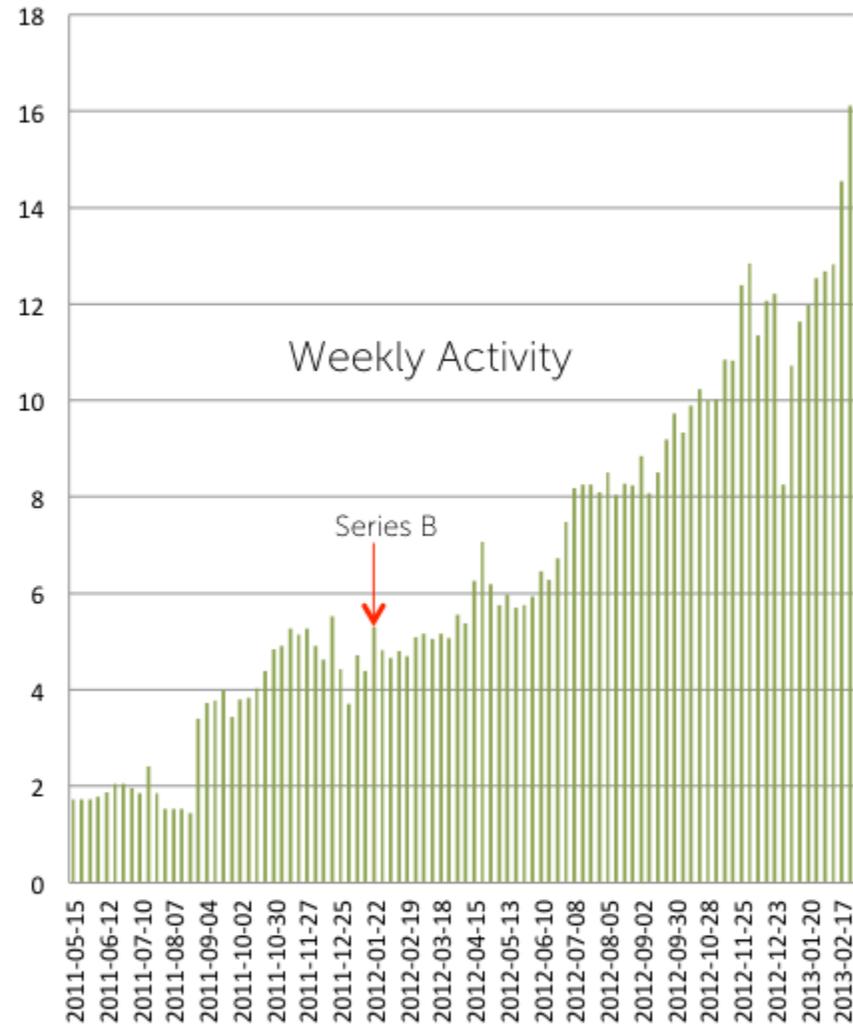
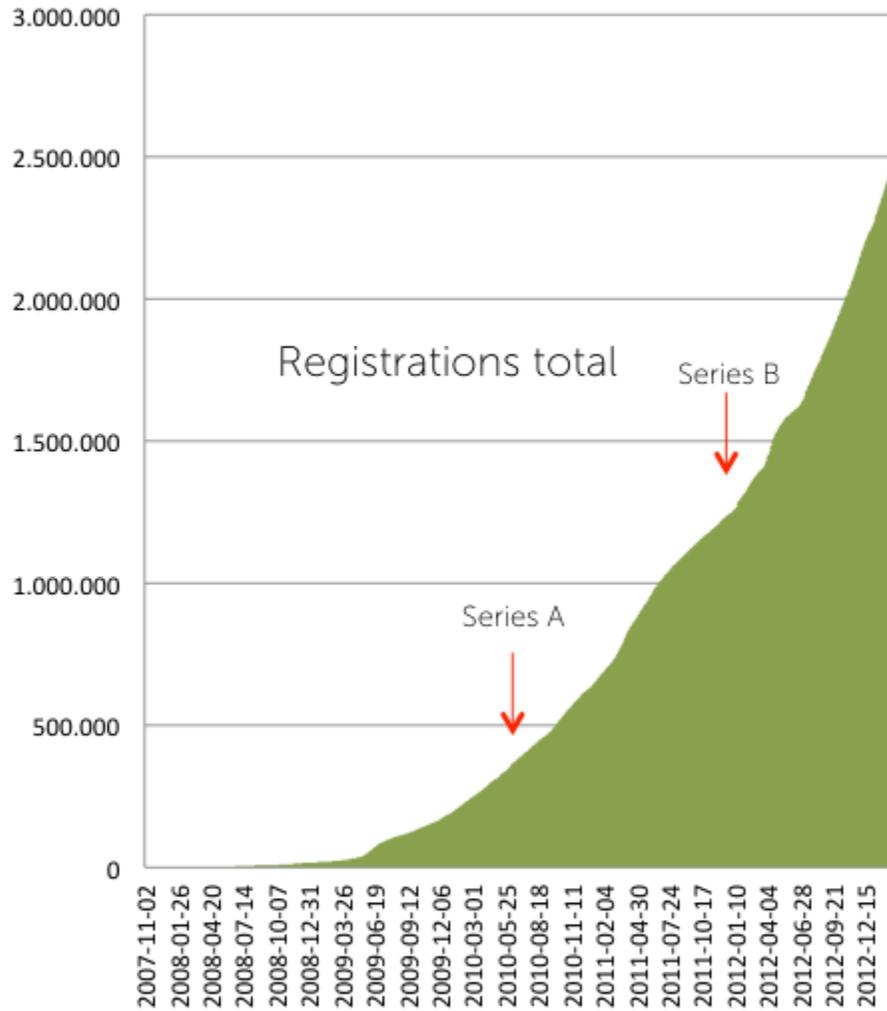
Increasingly tighter regulations regarding organic waste, and the demand for renewable chemicals and fuels, are pushing the manufacturing industry towards higher sustainability in order to improve cost-effectiveness and meet customers' demand. Waste valorisation is one of the current research areas that has attracted a great deal of attention over the past few years as a potential alternative to the disposal of a wide range of residues in landfill sites.^{1,2} In particular, the development of environmentally sound and innovative strategies to process food waste is an area of increasing importance in our current society. Traditionally, food waste valorisation strategies have mostly focused on low

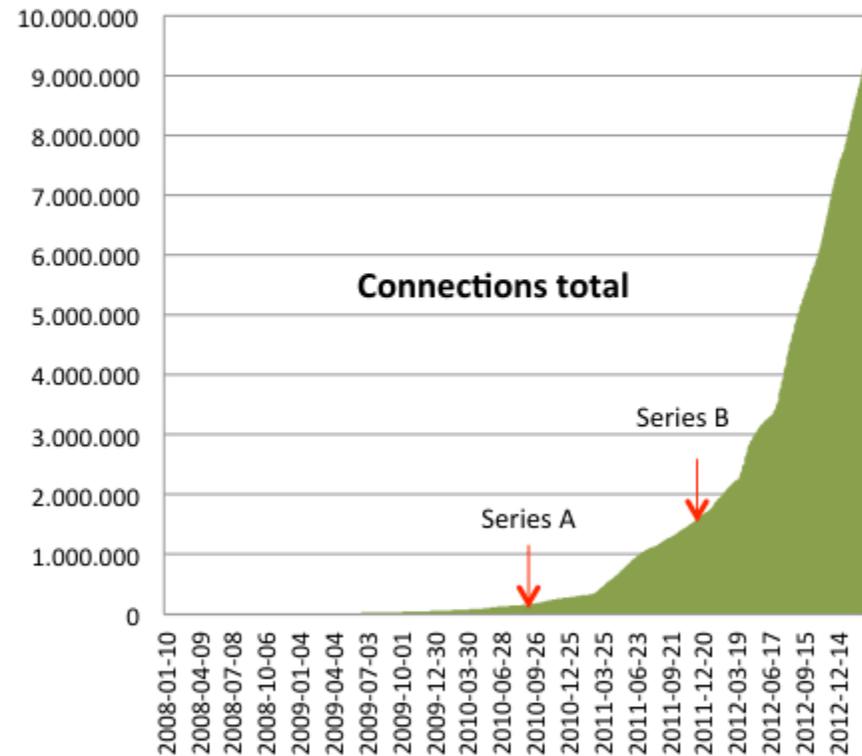
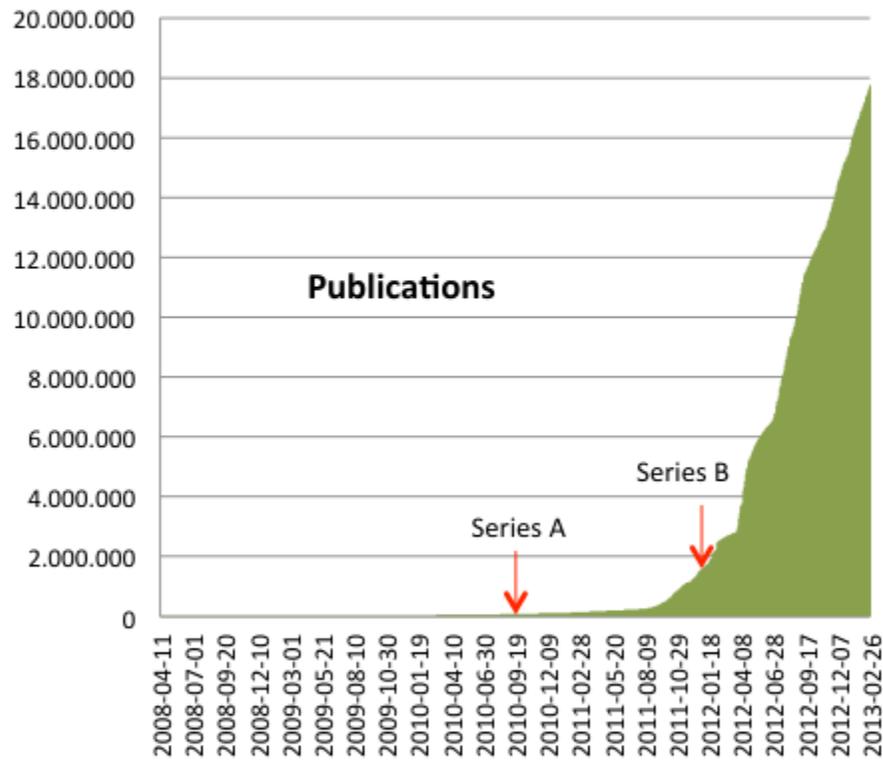


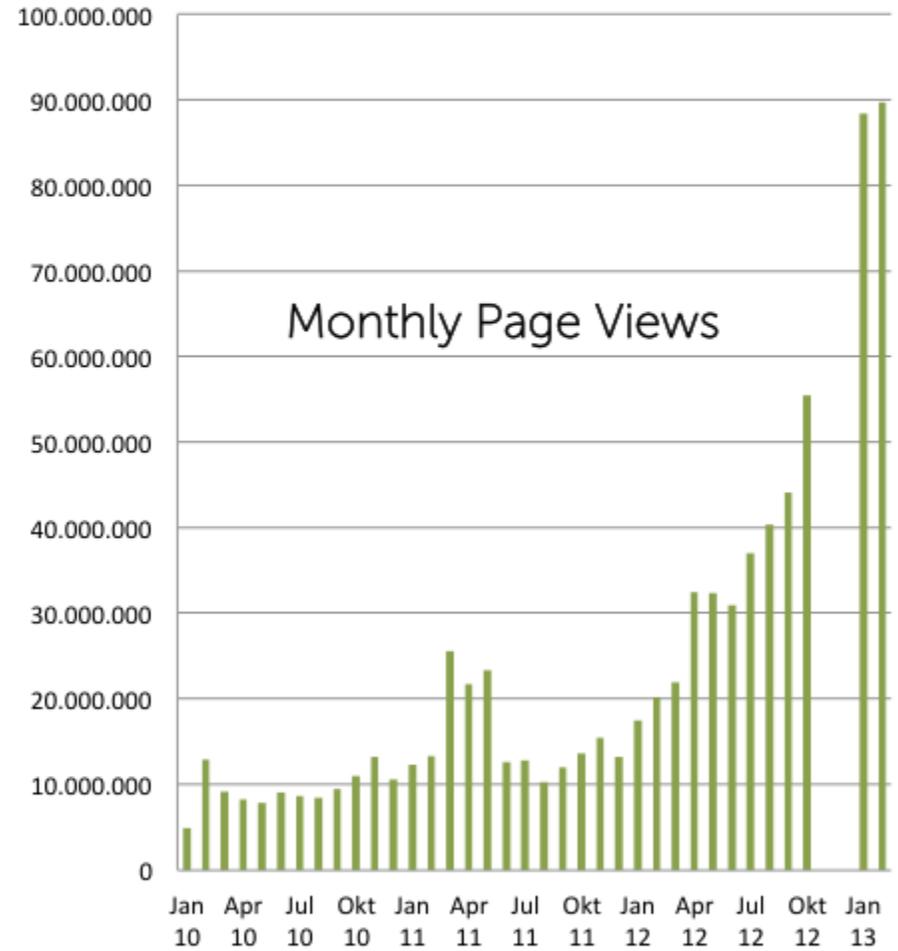
	Series A	May 2011	Series B (Jan 2012)	FEB 2013
User Registrations	498,803	722,719	1,049,571	2,374,119
% of unique users login/week	n.a.	1.73%	4.97%	16%
Papers claimed	89,806	197,939	2,187,224	17,788,094
Monthly PVs	13,004,301	12,662,421	17,440,998	89,685,280
Monthly Visits	784,408	1,389,067	2,194,068	7,740,180
Connections	162,053	637,729	1,926,455	9,193,592
Topics Followings	n.a.	62,000	600,283	7,793,963
~Weekly contributions	550	1,000	3,400	9,000

COHORT ANALYSIS









USER ENGAGEMENT LEVERS

	Weekly activity	Monthly activity	% of New User having this condition
Official (Institution + Department)	20,63%	42,11%	43,33%
Official Institution, no O Department	12,58%	27,49%	42,58%
No Official (Institution + Dept)	3,29%	7,77%	14,09%
≥ 4 Connections	23,73%	45,04%	37%
Publications in profile	24,87%	49,14%	73,50%
≥ 4 Topics	16,95%	35,52%	71,84%
O Inst, O Dept + ≥ 4 Connections + Publications + ≥ 4 Topics	32,35%	59,41%	12%

- Science Taxonomy
- API
- Home re-design, incl. Feed restructuring
- Scientific Products
- Listings Boards

Near Term

- Advertising – advertise content tied to other revenue streams
- Listings boards – jobs, conferences, grants, scholarships,...

Mid Term/Long Term

- Product/Service marketplace
- Premium Services (Individuals, Organizations, Recruiters)

NEAR TERM REVENUE TACTICS

- Advertising -

Deals	Pending
	

Avg. price US\$50 CPM

- Increases the reach of other services
- Establish ties for future partnerships

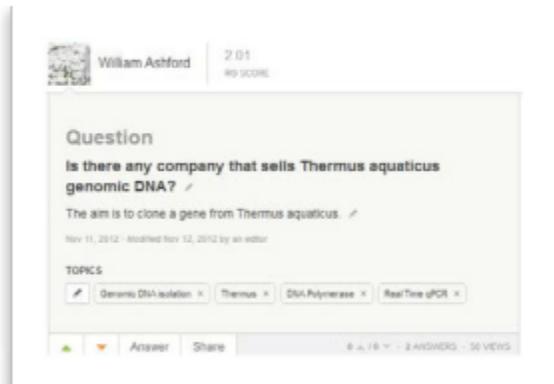
MID TERM REVENUE TACTICS

- Product Marketplace -

 Manufacturer	23.00 € / μg	
 VAR (manufacturer brand)	32.58 € / μg	
 VAR (other brand)	89.80 € / μg	

*MMP 14 (MT1-MMP) prodomain, catalytic domain, and hemopexin domain, His-tagged (Enzyme)

Topics



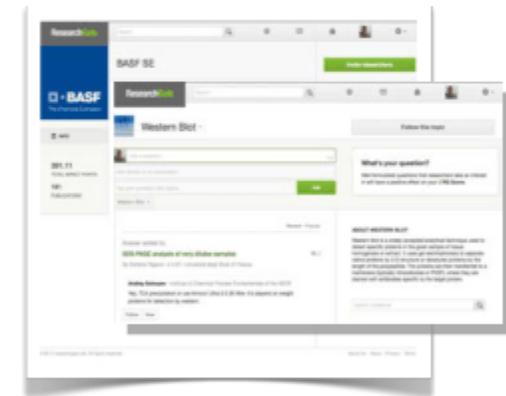
Recommendations and discussions

Publications



References and scientific context

Institutional pages



Content aggregation and additional information

NETWORK	TOP RESEARCH FIELDS <i>(group/topics/research interests)</i>	MEMBER COUNT	CONTRIBUTIONS <i>(within last 3 months)</i>
ResearchGate	Cell Culture	37,007	1,784
ResearchGate	Cancer Biology	58,500	1,089
ResearchGate	Methods	83,047	1,031
Academia	Philosophy	28,919	97
Academia	History	32,625	65
Mendeley	Future of Science	1,042	13
Mendeley	Biology Classics	1,063	13
Academia	Computer Science	30,344	9
Mendeley	The Dark Side of Research	423	3

USER-ADDED PAPERS PER DAY



HOME PAGE | TODAY'S PAPER | VIDEO | MOST POPULAR | TIMES TOPICS

The New York Times **Science**

WORLD | U.S. | N.Y. / REGION | BUSINESS | TECHNOLOGY | SCIENCE | HEALTH | SPORTS | OPINION

ENVIRONMENT | SPACE & COSMOS

Cracking Open the Scientific Process



Timothy Ffoux for The New York Times

A GLOBAL FORUM (Jad Madisch, 31, a virologist and computer scientist, founded ResearchGate, a Berlin-based social networking platform for scientists that has more than 1.3 million members.

By **THOMAS LIN**
Published: January 16, 2012

The New England Journal of Medicine marks its 200th anniversary this year with a [timeline](#) celebrating the scientific advances first described in its pages: the stethoscope (1816), the use of ether for [anesthesia](#) (1846), and disinfecting hands and instruments before surgery (1867), among others.

This week: Opening science and doing it yourself, plus the malaria medicine of Chairman Mao.

For centuries, this is how science has operated — through research done in private, then submitted to science and medical journals to be reviewed by peers and published for the benefit of other researchers and the public at large.

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Social networking for scientists Professor Facebook

More connective tissue may make academia more efficient

Feb 11th 2012 | from the print edition

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GIVEN journalists' penchant for sticking the suffix "gate" onto anything they think smells of conspiracy, a public-relations consultant might have suggested a different name. But ResearchGate, a small firm based in Berlin, is immune to such trivia. It is ambitious, too—aiming to do for the academic world what Mark Zuckerberg did for the world in general, by creating a social network for scientists. And it is successful. About 1.4m researchers have signed up already, and that number is growing by 50,000 a month.

WIRED Rogue Med Student Tackles the Web's Ultimate Irony

BY CADE METZ | 08.17.12 6:30 AM

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he internet
rg's



Tim Berners-Lee created the web as a better way of sharing academic research. But it soon morphed into something much, well, larger.



DISCOVER Q&A IJAD MADISCH

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A New Peer Review for the Facebook Age

Can online collaboration make science more open and innovative? We are about to find out.



Virologist **Ijad Madisch** launched ResearchGate, a social network for scientists, three years ago in the hopes of bringing collaboration into the digital age. It took off rapidly and now boasts more than 2 million members, around 100 employees, and venture capital funding from PayPal cofounders Peter Thiel and Luke Nusek. Members can create profiles featuring their research, seek scientific collaboration, and share news. In August 2012, ResearchGate debuted its most disruptive feature: an alternative to the traditional process of peer review. The network now features a reputation score that allows members to review the contributions and input of other scientists. Madisch's ultimate goal is to overturn the journal system that has served science for centuries and replace it with something more open and responsive.

What's wrong with the way research is published today? The system is very inefficient. There's not a place to share negative findings or raw data. If every scientist is making mistakes others have made before, we're wasting a lot of time and money. Giving immediate feedback and having transparency are things the old system cannot provide.

meanwhile, mathematician Timothy Gowers started a boycott of a leading journal publisher Elsevier. What's behind this so-called academic spring? People are beginning to realize that journal publishers are not productive. Research is paid for with tax money, then scientists pay to publish data in a journal—again with tax money—then journals get free labor from reviewers, then all subscriptions back to the libraries, again costing tax money. Publishing isn't part of the discovery cycle anymore; it's a burden.

Science is a competitive process. Do you really think you can shift it to a model based more on sharing information? When I decided to start ResearchGate, my professor in Hannover [Germany] told me to get this "bird s---" out of my head. Scientists aren't social, and they don't want to share their results. That's exactly what I want to change. I want to build a system where being open helps scientists get much better data and results.

How do you replace the authority of peer review? Who decides what is good work and what is not? With our reputation system, you have a score that reflects the quality of the contributions you're making to the network, not just the journals you've published in. People's reputations should get better for helping others and solving their problems, for sharing raw data and negative data. The system will flatten the hierarchy significantly.

What does your former professor think of your idea now? He signed up for ResearchGate nearly a year ago and put 1,300 of his publications up, so I know he's using it. But he's never contacted me. ☺

BY ANDREW CURRY ILLUSTRATION BY ZINA SAUNDERS

78
discover



Operating Expenses in 1000 €

	Jan 13	Feb 13	Mrz 13	Apr 13	May 13	June 13	July 13	Aug 13	Sep 13
Expenses RG GmbH	478	412	419	424	428	428	471	471	471
Expenses RG Corp	4	50	5	5	5	5	5	5	5
Total Expenses	481	462	424	429	433	433	476	476	476
Cash in bank (at end of month)	4402	3940	3515	3087	2653	2220	1744	1267	791
Personnel Expenses	305	305	310	313	316	316	351	351	351
Marketing, Data Acquisition & PR	22	22	22	22	22	22	22	22	22
IT & Server	39	42	42	46	46	46	51	51	51
G&A, Catering	113	44	47	44	45	45	48	48	48
	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mrz 14	Apr 14	May 14	June 14
Expenses RG GmbH	474	474	474	534	499	499	499	499	499
Expenses RG Corp	5	5	5	50	5	5	5	5	5
Total Expenses	479	479	479	584	504	504	504	504	504
Cash in bank (at end of month)	312	-167	-646	-1229	-1733	-2237	-2741	-3244	-3748
Personnel Expenses	351	351	351	371	371	371	371	371	371
Marketing, Data Acquisition & PR	22	22	22	22	22	22	22	22	22
IT & Server	54	54	54	59	59	59	59	59	59
G&A, Catering	48	48	48	83	48	48	48	48	48



Thank you