

Rosetta Genomics

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Rosetta Genomics is an international leader in diagnostic and therapeutic product development and medical research involving micro-ribonucleic acid, commonly known as microRNA. Rosetta has developed an extensive integrated platform in microRNA research and data that brings together the most advanced findings and capabilities in genomics, bioinformatics and biotechnology. As a result, the company is recognized by leaders in the pharmaceutical and biotechnology industries and in academia as an important resource in the rapidly growing area of microRNA product development. Originally believed to be components of nonfunctioning "junk DNA", microRNAs are now known to play a critical role in essential cellular functions in the body, including protein production, cell differentiation and cell death. Because these functions also affect disease progression, many recent research findings indicate that microRNA itself is a pivotal factor in numerous aspects of human health. By understanding and harnessing the power of microRNA, researchers see significant potential to develop new treatments and diagnostic products for many serious illnesses, including targets in cancer, infectious diseases and autoimmune disorders. Building on innovative avenues of medical research made possible by the Human Genome Project, Rosetta Genomics is introducing a new era in the history of healthcare diagnostics and drug discovery - the microRNA Era.

Recent Publications by Rosetta Genomics:



- [Serum microRNAs are promising novel biomarkers.](#)

*BACKGROUND: Circulating nucleic acids (CNAs) offer unique opportunities...*6th September, 2008
Rosetta Genomics Ltd, Rehovot, Israel.- PLoS ONE. 2008 Sep 5;3(9):e3148. ([DOI Direct Link](#))

- [MicroRNAs accurately identify cancer tissue origin.](#)

*MicroRNAs (miRNAs) belong to a class of noncoding, regulatory RNAs that is...*7th May, 2008
Rosetta Genomics Ltd., Rehovot 76706, Israel.- Nat Biotechnol. 2008 Apr;26(4):462-9. Epub 2008 Mar 23. ([DOI Direct Link](#))

- [Identifying human microRNAs.](#)
*MicroRNAs are a recently discovered group of short, non-coding RNA...*14th March, 2008
Rosetta Genomics Ltd., 10 Plaut Street, 76706 Rehovot, Israel.- Curr Top Microbiol Immunol. 2008;320:257-69.
- [A postulated role for microRNA in cellular differentiation.](#)
*Over the past two decades a variety of mechanisms regulating cellular...*18th February, 2006
Rosetta Genomics, 10 Plaut Street, Rehovot 76706, Israel.- FASEB J. 2005 Jun;19(8):875-9. ([DOI Direct Link](#))
- [Prediction and validation of microRNAs and their targets.](#)
*MicroRNAs are short non-coding RNAs that inhibit translation of target...*13th December, 2005
Rosetta Genomics Ltd., 10 Plaut Street, Science Park, Rehovot 76706,- FEBS Lett. 2005 Oct 31;579(26):5904-10. Epub 2005 Sep 30. ([DOI Direct Link](#))
- [Identification of hundreds of conserved and nonconserved human microRNAs.](#)
*MicroRNAs are noncoding RNAs of approximately 22 nucleotides that suppress...*3rd August, 2005
Rosetta Genomics, 10 Plaut Street, Science Park, Rehovot 76706, Israel.- Nat Genet. 2005 Jul;37(7):766-70. Epub 2005 Jun 19. ([DOI Direct Link](#))
- [MicroRNA expression detected by oligonucleotide microarrays: system establishment and expression profiling in human tissues.](#)
*MicroRNAs (MIRs) are a novel group of conserved short approximately 22...*24th February, 2005
Rosetta Genomics, Rehovot, 76706, Israel.- Genome Res. 2004 Dec;14(12):2486-94. ([DOI Direct Link](#))

BioNews Results for Rosetta Genomics



- [Rosetta Genomics, Ltd. \(ROSG\) Corporate Event Announcement Notice](#)
Macro World Investor: Nov 18 2008 2:27AM Matching: rosetta genomics
- [Rosetta Genomics to Present at the American Association of Cancer Research AACR Centennial Conference](#)
Calibre Macro World: Nov 14 2008 4:07AM Matching: rosetta genomics
- [Examine the RNA Interference in the Post-Genomic Era: Markets and Technologies](#)
Forbes.com: Nov 13 2008 11:36AM Matching: rosetta genomics
- [Examine the RNA Interference in the Post-Genomic Era: Markets and Technologies](#)
Business Wire via Yahoo!: Nov 13 2008 11:33AM Matching: rosetta genomics
- [Examine the Biomarkers: The Expanding Global Market](#)
Forbes.com: Nov 13 2008 10:56AM Matching: rosetta genomics
- [Examine the Biomarkers: The Expanding Global Market](#)
Business Wire via Yahoo!: Nov 13 2008 10:37AM Matching: rosetta genomics
- [Form 6-K Rosetta Genomics Ltd. For: Nov 11](#)
Street Insider: Nov 12 2008 11:55AM Matching: rosetta genomics
- [/CORRECTION -- Rosetta Genomics Ltd/](#)
Houston Chronicle: Nov 6 2008 3:58PM Matching: rosetta genomics
- [/CORRECTION -- Rosetta Genomics Ltd/](#)
Calibre Macro World: Nov 6 2008 4:06PM Matching: rosetta genomics
- [Rosetta Genomics to Present at Rodman & Renshaw 10th Annual Healthcare Conference](#)
San Francisco Business Times: Nov 5 2008 2:03PM Matching: rosetta genomics
- [Rosetta Genomics to Present at Rodman & Renshaw 10th Annual Healthcare Conference](#)
Calibre Macro World: Nov 5 2008 3:36PM Matching: rosetta genomics
- [Rosetta Genomics to Present at Rodman & Renshaw 10th Annual Healthcare Conference](#)

KRON4: Nov 5 2008 7:27PM Matching: rosetta genomics

- [Rosetta Genomics to Present at Rodman & Renshaw 10th Annual Healthcare Conference](#)
Montana's News Station: Nov 5 2008 4:53PM Matching: rosetta genomics
- [Rosetta Genomics to Present at Rodman & Renshaw 10th Annual Healthcare Conference](#)
PR Newswire: Nov 5 2008 2:54PM Matching: rosetta genomics
- [Rosetta Genomics to Present at Rodman & Renshaw 10th Annual Healthcare Conference](#)
Pharma Live: Nov 5 2008 3:40PM Matching: rosetta genomics

Rosetta Genomics Patents:



- 7250496- [Bioinformatically detectable group of novel regulatory genes and uses thereof](#)
- 7217807- [Bioinformatically detectable group of novel HIV regulatory genes and uses thereof](#)

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