

## Main Scientific Publications

(As of 28 Jan. 2016, see footnotes at end of the publication section)

### -- 2016 --

E Khurana, Y Fu, D Chakravarty, F Demichelis, MA Rubin, M Gerstein (2016). "Role of non-coding sequence variants in cancer." *Nat Rev Genet* 17: 93-108.

### -- 2015 --

Cancer Genome Atlas Research Network. "The Molecular Taxonomy of Primary Prostate Cancer." *Cell* 163: 1011-25.

A Abyzov, S Li, MB Gerstein (2015). "Understanding genome structural variations." *Oncotarget* .

A Sethi, D Clarke, J Chen, S Kumar, TR Galeev, L Regan, M Gerstein (2015). "Reads meet rotamers: structural biology in the age of deep sequencing." *Curr Opin Struct Biol* 35: 125-34.

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D Greenbaum, M Gerstein (2015). "Illuminating the Genome's Dark Matter," *Cell* 163:1047-1048.

Cancer Genome Atlas Research Network, WM Linehan, PT Spellman, CJ Ricketts, CJ Creighton, SS Fei, C Davis, DA Wheeler, BA Murray, L Schmidt, CD Vocke, M Peto, AA Al Mamun, E Shinbrot, A Sethi, S Brooks, WK Rathmell, AN Brooks, KA Hoadley, AG Robertson, D Brooks, R Bowlby, S Sadeghi, H Shen, DJ Weisenberger, M Bootwalla, SB Baylin, PW Laird, AD Cherniack, G Saksena, S Haake, J Li, H Liang, Y Lu, GB Mills, R Akbani, MD Leiserson, BJ Raphael, P Anur, D Bottaro, L Albiges, N Barnabas, TK Choueiri, B Czerniak, AK Godwin, AA Hakimi, TH Ho, J Hsieh, M Ittmann, WY Kim, B Krishnan, MJ Merino, KR Mills Shaw, VE Reuter, E Reznik, CS Shelley, B Shuch, S Signoretti, R Srinivasan, P Tamboli, G Thomas, S Tickoo, K Burnett, D Crain, J Gardner, K Lau, D Mallery, S Morris, JD Paulauskis, RJ Penny, C Shelton, WT Shelton, M Sherman, E Thompson, P Yena, MT Avedon, J Bowen, JM Gastier-Foster, M Gerken, KM Leraas, TM Lichtenberg, NC Ramirez, T Santos, L Wise, E Zmuda, JA Demchok, I Felau, CM Hutter, M Sheth, HJ Sofia, R Tarnuzzer, Z Wang, L Yang, JC Zenklusen, J Zhang, B Ayala, J Baboud, S Chudamani, J Liu, L Lolla, R Nares, T Pihl, Q Sun, Y Wan, Y Wu, A Ally, M Balasundaram, S Balu, R Beroukheim, T Bodenheimer, C Buhay, YS Butterfield, R Carlsen, SL Carter, H Chao, E Chuah, A Clarke, KR Covington, M Dahdouli, N Dewal, N Dhalla, HV Doddapaneni, JA Drummond, SB Gabriel, RA Gibbs, R Guin, W Hale, A Hawes, DN Hayes, RA Holt, AP Hoyle, SR Jefferys, SJ Jones, CD Jones, D Kalra, C Kovar, L Lewis, J Li, Y Ma, MA Marra, M Mayo, S Meng, M Meyerson, PA Mieczkowski, RA Moore, D Morton, LE Mose, AJ Mungall, D Muzny, JS Parker, CM Perou, J Roach, JE Schein, SE Schumacher, Y Shi, JV

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JC Mu, P Tootoonchi Afshar, M Mohiyuddin, X Chen, J Li, N Bani Asadi, MB Gerstein, WH Wong, HY Lam (2015). "Leveraging long read sequencing from a single individual to provide a comprehensive resource for benchmarking variant calling methods." *Sci Rep* 5: 14493.

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## -- 2013 --

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## Notes on Scientific Publications

(As of 30 Sept. 2015)

- a) 474 scientific publications in total. Not including in press or submitted articles.
- b) H-index for M Gerstein is 129  
(according to Google Scholar, [scholar.google.com/citations?user=YvjuUugAAAAJ](https://scholar.google.com/citations?user=YvjuUugAAAAJ))
- c) In the publication list, if M Gerstein is not a last or first author, he is not considered to be a "corresponding" or "senior" author except as noted by the asterisks (\*) in the list below:

Sudmant... 1000 Genomes Project, Mills\*, Gerstein\*, Bashir\*, Stegle\*, Devine\*, Lee\*, Eichler\*, Korbelt\* (2015). *Nature* 492: 438-42

Abyzov... Urban\*, Gerstein\*, Vaccarino\* (2012) *Nature* 492: 438-42

Gianoulis... Gerstein\*, Strobel\* (2012). *PLoS Genet* 8: e1002558.

MacArthur... 1000 Genomes Project... Gerstein\*, Tyler-Smith\* (2012). *Science* 335: 823.

Mills... Eichler\*, Gerstein\*, Hurles\*, Lee\*, McCarroll\*, Korbelt\*, 1000 Genomes Project (2011). *Nature* 470: 59.

Bertone... Gerstein\*, Snyder\* (2004). *Science* 306: 2242.