

Listă lucrări:

1) Mapping and phasing of structural variation in patient genomes using nanopore sequencing.

Cretu Stancu M, van Roosmalen MJ, Renkens I, Nieboer MM, Middelkamp S, de Ligt J, Pregno G, Giachino D, Mandrile G, Espejo Valle-Inclan J, Korzelius J, de Bruijn E, Cuppen E, Talkowski ME, Marschall T, de Ridder J, Kloosterman WP.

Nat Commun. 2017 Nov 6;8(1):1326. doi: 10.1038/s41467-017-01343-4.

2) Functionally distinct ERAP1 and ERAP2 are a hallmark of HLA-A29-(Birdshot) Uveitis.

Kuiper JJW, Setten JV, Devall M, Cretu-Stancu M, Hiddingh S, Ophoff RA, Missotten TOAR, Velthoven MV, Den Hollander AI, Hoyng CB, James E, Reeves E, Cordero-Coma M, Fonollosa A, Adán A, Martín J, Koeleman BPC, Boer JH, Pulit SL, Márquez A, Radstake TRDJ.

Hum Mol Genet. 2018 Dec 15;27(24):4333-4343. doi: 10.1093/hmg/ddy319.

3) A framework for the detection of de novo mutations in family-based sequencing data.

Francioli LC, Cretu-Stancu M, Garimella KV, Fromer M, Kloosterman WP; Genome of the Netherlands consortium; Samocha KE, Neale BM, Daly MJ, Banks E, DePristo MA, de Bakker PI.

Eur J Hum Genet. 2017 Feb;25(2):227-233. doi: 10.1038/ejhg.2016.147. Epub 2016 Nov 23.

4) No evidence that mate choice in humans is dependent on the MHC

Mircea Cretu-Stancu, Wigard P. Kloosterman, Sara L. Pulit

bioRxiv 339028; doi: <https://doi.org/10.1101/339028>

5) Lower frequency of the HLA-G UTR-4 haplotype in women with unexplained recurrent miscarriage

T. Meuleman, J. Drabbels, J.M.M. van Lith, O.M. Dekkers, E. Rozemuller, M. Cretu-Stancu, F.H.J. Claas, K.W.M. Bloemenkamp, M. Eikmans,

Journal of Reproductive Immunology, Volume 126, 2018, Pages 46-52, ISSN 0165-0378,

<https://doi.org/10.1016/j.jri.2018.02.002>. PMID: 29481987 DOI: 10.1016/j.jri.2018.02.002

6) Teza doctorat

Titlu: Mapping known and novel genetic variation in the human genome: bioinformatic tool development and applications

Promotor: Prof.dr. E.P.J.G. Cuppen

Copromotor: Dr. W.P. Kloosterman