Bronnenlijst

Almeida, B. O., & Machado-Neto, J. A. (2020). Emerging functions for ANKHD1 in cancer-related signaling pathways and cellular processes. *BMB reports*, *53*(8), 413–418. https://doi.org/10.5483/BMBRep.2020.53.8.087

Chauhan, K., Jandu, J. S., Brent, L. H., & Al-Dhahir, M. A. (2023). Rheumatoid Arthritis. In *StatPearls*. StatPearls Publishing.

Criscitiello, M. F., Kraev, I., & Lange, S. (2020). Deiminated proteins in extracellular vesicles and serum of llama (*Lama glama*)—Novel insights into camelid immunity. *Molecular Immunology, 117*, 37–53. https://doi.org/10.1016/j.molimm.2019.10.017

Ding, Q., Hu, W., Wang, R., Yang, Q., Zhu, M., Li, M., Cai, J., Rose, P., Mao, J., & Zhu, Y. (2023). Signaling pathways in rheumatoid arthritis: Implications for targeted therapy. *Signal Transduction and Targeted Therapy, 8*(68). https://doi.org/10.1038/s41392-023-01331-9

Guo, Q., Wang, Y., Xu, D., Nossent, J., Pavlos, N. J., & Xu, J. (2018). Rheumatoid arthritis: pathological mechanisms and modern pharmacologic therapies. *Bone research*, *6*, 15. https://doi.org/10.1038/s41413-018-0016-9

Jang, S., Kwon, E. J., & Lee, J. J. (2022). Rheumatoid Arthritis: Pathogenic Roles of Diverse Immune Cells. *International journal of molecular sciences*, *23*(2), 905. https://doi.org/10.3390/ijms23020905

Kang, L., Dai, C., Wang, L., & Pan, X. (2022). Potential biomarkers that discriminate rheumatoid arthritis and osteoarthritis based on the analysis and validation of datasets. *BMC Musculoskeletal Disorders*, *23*(1). 319. https://doi.org/10.1186/s12891-022-05277-x

Nejatbakhsh Samimi, L., Farhadi, E., Tahmasebi, M. N., Jamshidi, A., Sharafat Vaziri, A., & Mahmoudi, M. (2020). NF-κB signaling in rheumatoid arthritis with focus on fibroblast-like synoviocytes. *Autoimmunity Highlights, 11*(1), Article 11. https://doi.org/10.1186/s13317-020-00135-z

Platzer, A., Nussbaumer, T., Karonitsch, T., Smolen, J. S., & Aletaha, D. (2019). Analysis of gene expression in rheumatoid arthritis and related conditions offers insights into sex-bias, gene biotypes and co-expression patterns. PLoS ONE 14 (7). https://doi.org/https://doi.org/10.1371/journal.

Radu, A.-F., & Bungau, S. G. (2021). Management of Rheumatoid Arthritis: An Overview. *Cells*, *10*(11), 2857. https://doi.org/10.3390/cells10112857

Sundaramoorthy, E., Leonard, M., Mak, R., Liao, J., Fulzele, A., & Bennett, E. J. (2017). ZNF598 and RACK1 Regulate Mammalian Ribosome-Associated Quality Control Function by Mediating Regulatory 40S Ribosomal Ubiquitylation. *Molecular cell*, *65*(4), 751–760.e4.

Wang, H., Tian, X., Ji, L., Shi, L., & Wang, Y. (2024). RNA-seq Based Transcriptome Analysis Reveals Role of Myoglobin in Rheumatoid Arthritis. *Inflammation*. https://doi.org/10.1007/s10753-024-02151-x

Wright, M., Smed, M. K., Nelson, J. L., & others. (2021). Is gene expression among women with rheumatoid arthritis dysregulated during a postpartum flare? *Arthritis Research & Therapy, 23*(1), 30. https://doi.org/10.1186/s13075-021-02418-w

Wu, C. X., Mao, C. Y., Deng, J., Zhang, T., Zhao, Y., Guan, Z. Z., Hu, X. X., & Qi, X. L. (2021). Fluoride induced down-regulation of IKBKG gene expression inhibits hepatocytes senescence. *Journal of Trace Elements in Medicine and Biology, 67*, 126896. https://doi.org/10.1016/j.jtemb.2021.126896

Significante genen uit de DESeq analyse werden gevisualiseerd, te zien in de volcanoplot.

Genen in de top GO-term (209 genen):

- Deze zijn sterk verrijkt in immuun-gerelateerde signaalroutes (zoals CD3D, CD28, ZAP70, BTK, MAPK1, etc.) en zijn dus **statistisch significant op groepsniveau**.

Van de GO-term Op de x-as wordt het aantal genen (Count) weergegeven, de kleur van de balken geeft de p.adjust-waarde aan, dit is de statistische significantie na de correctie voor multiple testing.