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Publications

PUBLICATIONS

- **TNF and type I interferon crosstalk controls the fate and function of plasmacytoid dendritic cells.** *Nature immunology*
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- **Monocytes give rise to Langerhans cells that preferentially migrate to lymph nodes at steady state.** *Proceedings of the National Academy of Sciences of the United States of America*
Raquer-McKay, H. M., Maqueda-Alfaro, R. A., Saravanan, S., Arroyo Hornero, R., Clausen, B. E., Gottfried-Blackmore, A., Idoyaga, J.
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- **Transitional dendritic cells are distinct from conventional DC2 precursors and mediate proinflammatory antiviral responses.** *Nature immunology*
Sulczewski, F. B., Maqueda-Alfaro, R. A., Alcantara-Hernandez, M., Perez, O. A., Saravanan, S., Yun, T. J., Seong, D., Arroyo Hornero, R., Raquer-McKay, H. M., Esteva, E., Lanzar, Z. R., Lylek, R. A., Adams, et al
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- **Rapid recruitment and IFN-I-mediated activation of monocytes dictate focal radiotherapy efficacy.** *Science immunology*
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- **Plasmacytoid dendritic cells: A dendritic cell in disguise.** *Molecular immunology*
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- **Sodium perturbs mitochondrial respiration and induces dysfunctional Tregs** *CELL METABOLISM*
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- **Dissecting the role of CSF2RB expression in human regulatory T cells** *FRONTIERS IN IMMUNOLOGY*
Corte-Real, B. F. F., Hornero, R., Dyczko, A., Hamad, I., Kleinewietfeld, M.
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- **The Charcot-Leyden crystal protein Galectin-10 is not a major determinant of human regulatory T-cell function** *ALLERGY*
Arroyo-Hornero, R., Aegerter, H., Hamad, I., Corte-Real, B., Staes, K., van Der Woning, B., Verstraete, K., Savvides, S. N., Lambrecht, B. N., Kleinewietfeld, M.
2022; 77 (9): 2818-2821
- **Fast and Efficient Genome Editing of Human FOXP3(+) Regulatory T Cells** *FRONTIERS IN IMMUNOLOGY*
Van Zeebroeck, L., Hornero, R., Corte-Real, B. F., Hamad, I., Meissner, T. B., Kleinewietfeld, M.
2021; 12: 655122
- **CD70 expression determines the therapeutic efficacy of expanded human regulatory T cells** *COMMUNICATIONS BIOLOGY*
Hornero, R., Georgiadis, C., Hua, P., Trzupek, D., He, L., Qasim, W., Todd, J. A., Ferreira, R. C., Wood, K. J., Issa, F., Hester, J.
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- **The Impact of Dietary Components on Regulatory T Cells and Disease** *FRONTIERS IN IMMUNOLOGY*
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- **CD45RA Distinguishes CD4(+)CD25(+)CD127(-/low) TSDR Demethylated Regulatory T Cell Subpopulations With Differential Stability and Susceptibility to Tacrolimus-Mediated Inhibition of Suppression** *TRANSPLANTATION*
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