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Topics

[Infection models with human immune cells](#)

Publications

Häder A[#], Schäuble S[#], Gehlen J, Thielemann N, Buerfent BC, Schüller V, Hess T, Wolf T, Schröder J, Weber M, Hünninger K, Löffler J, Vylkova S, Panagiotou G, Schumacher J, Kurzai O (2023) Pathogen-specific innate immune response patterns are distinctly affected by genetic diversity. *Nat Commun* 14(1), 3239.

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Seif M, Kakoschke TK, Ebel F, Bellet MM, Trinks N, Renga G, Pariano M, Romani L, Tappe B, Espie D, Donnadieu E, Hünninger K, Häder A, Sauer M, Damotte D, Alifano M, White PL, Backx M, Nerreter T, Machwirth M, Kurzai O, Prommersberger S, Einsele H, Hudecek M, Löffler J (2022) CAR T cells targeting *Aspergillus fumigatus* are effective at treating invasive pulmonary aspergillosis in preclinical models. *Sci Transl Med* 14(664), eabh1209.

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Machata S, Sreekantapuram S, Hünninger K, Kurzai O, Dunker C, Schubert K, Krüger W, Schulze-Richter B, Speth C, Rambach G, Jacobsen ID (2021) Significant differences in host-pathogen interactions between murine and human whole blood. *Front Immunol* 11, 565869.

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Mottola A, Ramírez-Zavala B, Hünninger K, Kurzai O, Morschhäuser J (2021) The zinc cluster transcription factor Czf1 regulates cell wall architecture and integrity in *Candida albicans*. *Mol Microbiol* 116(2), 483-497.

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Kämmer P, McNamara S*, Wolf T, Conrad T, Allert S, Gerwien F, Hünninger K, Kurzai O, Guthke R, Hube B, Linde J, Brunke S (2020) Survival strategies of pathogenic *Candida* species in human blood show independent and specific adaptations. *mBio* 11(5), e02435-20.

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Marolda A, Hänniger K, Böttcher S, Vivas W, Löffler J, Figge MT, Kurzai O (2020) *Candida* species-dependent release of IL-12 by dendritic cells induces different levels of NK cell stimulation. *J Infect Dis* 221(12), 2060-2071.

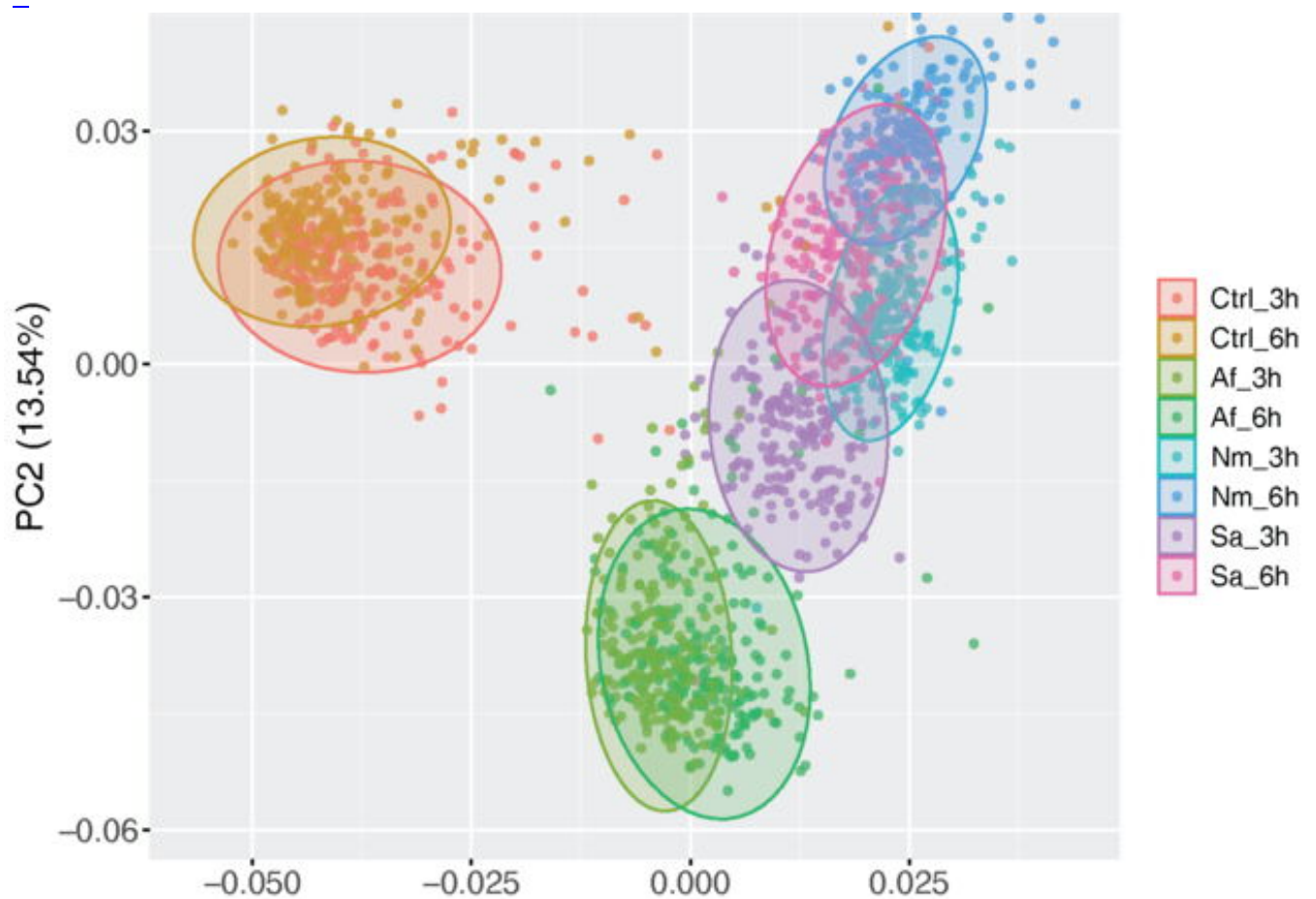
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