

Hélène Gleitz
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Developmental Biology
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Qualifications

PhD, Stem cell gene therapy in MPSII, University of Manchester
14 Sept 2014 → 4 Jan 2018
Award Date: 4 Jan 2018

Employment

Assistant professor

Developmental Biology
Erasmus University Rotterdam
1 May 2024 → present

Research outputs

Collaborative effect of Csnk1a1 haploinsufficiency and mutant p53 in Myc induction can promote leukemic transformation

Fuchs, S. N. R., Stalmann, U. S. A., Snoeren, I. A. M., Bindels, E., Schmitz, S., Banjanin, B., Hoogenboezem, R. M., van Herk, S., Saad, M., Walter, W., Haferlach, T., Seillier, L., Saez-Rodriguez, J., Dugourd, A. J. F., Lehmann, K. V., Ben-Neriah, Y., Gleitz, H. F. E. & Schneider, R. K., 1 Feb 2024, In: Blood Advances. 8, 3, p. 766-779 14 p.

Non-canonical Hedgehog signaling mediates profibrotic hematopoiesis-stroma crosstalk in myeloproliferative neoplasms

Pritchard, J. E., Pearce, J. E., Snoeren, I. A. M., Fuchs, S. N. R., Götz, K., Peisker, F., Wagner, S., Benabid, A., Lutterbach, N., Klöcker, V., Nagai, J. S., Hannani, M. T., Galyga, A. K., Sistemich, E., Banjanin, B., Flosdorf, N., Bindels, E., Olschok, K., Biaesch, K., Chatain, N., & 11 others Bhagwat, N., Dunbar, A., Sarkis, R., Naveiras, O., Berres, M. L., Koschmieder, S., Levine, R. L., Costa, I. G., Gleitz, H. F. E., Kramann, R. & Schneider, R. K., 23 Jan 2024, In: Cell Reports. 43, 1, 113608.

"ASXL1"-erating inflammation and bone marrow fibrosis in myeloproliferative neoplasms

Gleitz, H. F. E. & Schneider, R. K., May 2023, In: Haematologica. 108, 5, p. 1203-1204 2 p.

Biological drivers of clinical phenotype in myelofibrosis

Mascarenhas, J., Gleitz, H. F. E., Chifotides, H. T., Harrison, C. N., Verstovsek, S., Vannucchi, A. M., Rampal, R. K., Kiladjian, J. J., Vainchenker, W., Hoffman, R., Schneider, R. K. & List, A. F., Feb 2023, In: Leukemia. 37, 2, p. 255-264 10 p.

Genetic barcoding systematically compares genes in del(5q) MDS and reveals a central role for CSNK1A1 in clonal expansion

Stalmann, U. S. A., Ticconi, F., Snoeren, I. A. M., Li, R., Gleitz, H. F. E., Cowley, G. S., McConkey, M. E., Wong, A. B., Schmitz, S., Fuchs, S. N. R., Sood, S., Leimkuhler, N. B., Martinez-Høyer, S., Banjanin, B., Root, D., Brummendorf, T. H., Pearce, J. E., Schuppert, A., Bindels, E. M. J., Essers, M. A., & 5 others Heckl, D., Stiehl, T., Costa, I. G., Ebert, B. L. & Schneider, R. K., 22 Mar 2022, In: Blood advances. 6, 6, p. 1780-1796 17 p.

Still a burning question: the interplay between inflammation and fibrosis in myeloproliferative neoplasms

Gleitz, H. F. E., Benabid, A. & Schneider, R. K., 1 Sept 2021, In: Current Opinion in Hematology. 28, 5, p. 364-371 8 p.

Isolation of human bone marrow stromal cells from bone marrow biopsies for single-cell RNA sequencing

Gleitz, H. F. E., Snoeren, I. A. M., Fuchs, S. N. R., Leimkuhler, N. B. & Schneider, R. K., 18 Jun 2021, In: STAR Protocols. 2, 2, 100538.

Heterogeneous bone-marrow stromal progenitors drive myelofibrosis via a druggable alarmin axis

Leimkuhler, N. B., Gleitz, H. F. E., Ronghui, L., Snoeren, I. A. M., Fuchs, S. N. R., Nagai, J. S., Banjanin, B., Lam, K. H., Vogl, T., Kuppe, C., Stalmann, U. S. A., Büsche, G., Kreipe, H., Gütgemann, I., Krebs, P., Banz, Y., Boor, P., Tai, E. W. Y., Brummendorf, T. H., Koschmieder, S., & 5 others Crysandt, M., Bindels, E., Kramann, R., Costa, I. G. & Schneider, R.

K., 1 Apr 2021, In: Cell Stem Cell. 28, 4, p. 637-652.e8

Increased CXCL4 expression in hematopoietic cells links inflammation and progression of bone marrow fibrosis in MPN

Gleitz - Broeders, H., Dugourd, AJF., Bayer, N., Snoeren, I., Fuchs, S., Menzel, S., Ziegler, S., Kroger, N., Trivai, I., Busche, G., Kreipe, H., Banjanin, B., Pritchard, J., Hoogenboezem, R., Bindels, E., Schumacher, N., Rose-John, S., Elf, S., Saez-Rodriguez, J., Kramann, R., & 1 othersSchneider, R., 2020, In: Blood. 136, 18, p. 2051-2064 14 p.

Fibrosis driving myofibroblast precursors in MPN and new therapeutic pathways

Gleitz - Broeders, H., Pritchard, J., Kramann, R. & Schneider, R., 2019, In: HemaSphere. 3, p. 142-145 4 p.

Understanding deregulated cellular and molecular dynamics in the haematopoietic stem cell niche to develop novel therapeutics for bone marrow fibrosis

Gleitz - Broeders, H., Kramann, R. & Schneider, R., 2018, In: Journal of Pathology. 245, 2, p. 138-146 9 p.

Prizes

Gilead Research Scholar in Hematology

Gleitz, Hélène (Recipient), Jul 2021

ZonMW VENI

Gleitz, Hélène (Recipient), 2021