

Charlotte Bredo Spliid
Ingen titel
Glycomics Program
Postadresse:
Mærsk Tårnet
7.10
2200
København N
E-mail: charlottespliid@sund.ku.dk
Web: https://icmm.ku.dk/english/research-groups/clausen-group/research_group#charlotte



Kort præsentation

Engelsk præsentation

Ansættelse

Ph.d. stipendiat

LUKKET: Institut for Immunologi og Mikrobiologi
Københavns Universitet
København N., Danmark
1 dec. 2017 → 5 feb. 2019

Videnskabelig assistent

Parasitology
Københavns Universitet
København N.
1 dec. 2017 → 31 jan. 2021

Ingen titel

Glycomics Program
Københavns Universitet
København N
8 dec. 2020 → 31 dec. 2021

Publikationer

Beware, commercial chondroitinases vary in activity and substrate specificity

Spliid, Charlotte Bredo, Toledo, A. G., Salanti, Ali, Esko, J. D. & Clausen, Thomas Mandel, 2021, I : *Glycobiology*. 31, 2, s. 103-115 13 s.

An affinity chromatography and glycoproteomics workflow to profile the chondroitin sulfate proteoglycans that interact with malarial VAR2CSA in the placenta and in cancer

Toledo, A. G., Pihl, Jessica, Spliid, Charlotte Bredo, Persson, A., Nilsson, J., Pereira, M. A., Gustavsson, Tobias, Choudhary, Swati, Zarni Oo, H., Black, P. C., Daugaard, M., Esko, J. D., Larson, G., Salanti, Ali & Clausen, Thomas Mandel, 2020, I : *Glycobiology*. 30, 12, s. 989-1002 14 s.

SARS-CoV-2 Infection Depends on Cellular Heparan Sulfate and ACE2

Clausen, Thomas Mandel, Sandoval, D. R., Spliid, Charlotte Bredo, Pihl, Jessica, Perrett, H. R., Painter, C. D., Narayanan, A., Majowicz, S. A., Kwong, E. M., McVicar, R. N., Thacker, B. E., Glass, C. A., Yang, Zhang, Torres, J. L., Golden, G. J., Bartels, P. L., Porell, R. N., Garretson, A. F., Laubach, L., Feldman, J., Yin, X., Pu, Y., Hauser, B. M., Caradonna, T. M., Kellman, B. P., Martino, C., Gordts, P. L. S. M., Chanda, S. K., Schmidt, A. G., Godula, K., Leibel, S. L., Jose, J., Corbett, K. D., Ward, A. B., Carlin, A. F. & Esko, J. D., 2020, I : *Cell*. 183, 4, s. 1043-1057.e15

The role of proteoglycans in cancer metastasis and circulating tumor cell analysis

Ahrens, T. D., Bang-Christensen, Sara Regina, Jørgensen, A. M., Løppke, Caroline Bang, Spliid, Charlotte Bredo, Sand, Nicolai Tue, Clausen, Thomas Mandel, Salanti, Ali & Agerbæk, Mette Ørskov, 2020, I : *Frontiers in Cell and Developmental Biology*. 8, 27 s., 749.

The GAGOme: a cell-based library of displayed glycosaminoglycans

Chen, Y., Narimatsu, Yoshiki, Clausen, Thomas Mandel, Gomes, C., Karlsson, R., Steentoft, Catharina, Spliid, Charlotte Bredo, Gustavsson, Tobias, Salanti, Ali, Persson, A., Malmström, A., Willén, D., Ellervik, U., Bennett, Eric Paul, Mao, Y., Clausen, Henrik & Yang, Zhang, 2018, I : Nature Methods. 15, 11, s. 881-888

Burkitt lymphoma expresses oncofetal chondroitin sulfate without being a reservoir for placental malaria sequestration

Agerbæk, Mette Ørskov, Bento Ayres Pereira, M. M., Clausen, Thomas Mandel, Pehrson, Caroline, Oo, H. Z., Spliid, Charlotte Bredo, Rich, J. R., Fung, V., Nkrumah, F., Neequaye, J., Biggar, R. J., Reynolds, S. J., Tosato, G., Pullarkat, S. T., Ayers, L. W., Theander, Thor Grundtvig, Daugaard, M., Bhatia, K., Nielsen, Morten Agertoug, Mbulaiteye, S. M. & Salanti, Ali, 2017, I : International Journal of Cancer. 140, 7, s. 1597–1608 12 s.

Placental sequestration of *Plasmodium falciparum* malaria parasites is mediated by the interaction between VAR2CSA and chondroitin sulfate A on syndecan-1

Ayres Pereira, M., Clausen, Thomas Mandel, Pehrson, Caroline, Mao, Y., Resende, M., Daugaard, M., Riis Kristensen, A., Spliid, Charlotte Bredo, Mathiesen, Line, Knudsen, Lisbeth E., Damm, Peter, Theander, Thor Grundtvig, R Hansson, S., Nielsen, Morten Agertoug & Salanti, Ali, aug. 2016, I : P L o S Pathogens. 12, 8, 26 s., e1005831.