

Charlotte Bredo Spliid  
PhD fellow

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## Short presentation

Focus on cancer cell biology and structural characterisation of carbohydrates; specifically, studying the function and synthesis of a specific cancer receptor. This includes mainly cell work, flow cytometry, confocal microscopy and purification of carbohydrates and analysis on HPLC and LC-MS.

## Employment

### PhD fellow

Department of Immunology and Microbiology

København N, Denmark

1 Dec 2017 → 5 Feb 2019

### PhD fellow

CMP

København N

1 Dec 2017 → 30 Nov 2020

## Research outputs

### **The GAGOME: a cell-based library of displayed glycosaminoglycans**

Chen, Y-H., Narimatsu, Y., Clausen, T. M., Gomes, C., Karlsson, R., Steentoft, C., Spliid, C. B., Gustavsson, T., Salanti, A., Persson, A., Malmström, A., Willén, D., Ellervik, U., Bennett, E. P., Mao, Y., Clausen, H. & Yang, Z., 2018, In : Nature Methods. 15, 11, p. 881-888

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

Agerbaek, M. Ø., Bento Ayres Pereira, M. M., Clausen, T. M., Pehrson, C., Oo, H. Z., Spliid, C., Rich, J. R., Fung, V., Nkrumah, F., Neequaye, J., Biggar, R. J., Reynolds, S. J., Tosato, G., Pullarkat, S. T., Ayers, L. W., Theander, T. G., Daugaard, M., Bhatia, K., Nielsen, M. A., Mbulaiteye, S. M. & Salanti, A., 2017, In : International Journal of Cancer. 140, 7, p. 1597-1608 12 p.

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

Ayres Pereira, M., Mandel Clausen, T., Pehrson, C., Mao, Y., Resende, M., Daugaard, M., Riis Kristensen, A., Spliid, C. B., Mathiesen, L., E Knudsen, L., Damm, P., G Theander, T., R Hansson, S., A Nielsen, M. & Salanti, A., Aug 2016, In : PLoS Pathogens. 12, 8, 26 p., e1005831.