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## Ansættelse

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## Publikationer

### High performance ultra- and nanofiltration removal of micropollutants by cyclodextrin complexation

Jørgensen, M. K., Deemter, D., Ståde, L. W., Sørensen, L. G., Madsen, L. N., Oller, I., Malato, S., Nielsen, T. T. & Boffa, V., dec. 2022, I: Chemical Engineering Research and Design. 188, s. 694-703 10 s.

**Direct synthesis of well-defined zwitterionic cyclodextrin polymers via atom transfer radical polymerization**

Diget, J. S., Ståde, L. W. & Nielsen, T. T., 1 jul. 2019, I: European Polymer Journal. 116, s. 84-90 7 s.

**Balancing High Open Circuit Voltage over 1.0 V and High Short Circuit Current in Benzodithiophene-Based Polymer Solar Cells with Low Energy Loss: A Synergistic Effect of Fluorination and Alkylthiolation**

Du, Z., Bao, X., Li, Y., Liu, D., Wang, J., Yang, C., Wimmer, R., Ståde, L. W., Yang, R. & Yu, D., 15 mar. 2018, I: Advanced Energy Materials. 8, 8, 12 s., 1701471 .

**Site-specific photocoupling of pBpa mutated scFv antibodies for use in affinity proteomics**

Brofelth, M., Ståde, L. W., Ekstrand, A. I., Edfeldt, L. P., Kovačič, R., Nielsen, T. T., Larsen, K. L., Duroux, L. & Wingren, C., 2017, I: B B A - Proteins and Proteomics. 1865, 8, s. 985-996

**Synthesis, characterization and sorption capacities toward organic pollutants of new  $\beta$ -cyclodextrin modified zeolite derivatives**

Mallard, I., Ståde, L. W., Ruellan, S., Jacobsen, P. A. L., Larsen, K. L. & Fourmentin, S., 5 okt. 2015, I: Colloids and Surfaces A: Physicochemical and Engineering Aspects. 482, s. 50-57 8 s.

**Nonfouling tunable  $\beta$ CD dextran polymer films for protein applications**

Ståde, L. W., Nielsen, T. T., Duroux, L., Hinge, M., Shimizu, K., Gurevich, L., Kristensen, P. K., Wingren, C. & Larsen, K. L., 25 feb. 2015, I: ACS Applied Materials and Interfaces. 7, 7, s. 4160-4168 9 s.

**Formation of nanoparticles by cooperative inclusion between (S)-camptothecin-modified dextrans and  $\beta$ -cyclodextrin polymers**

Nielsen, T. T., Amiel, C., Duroux, L., Larsen, K. L., Ståde, L. W., Wimmer, R. & Wintgens, V., 2015, I: Beilstein Journal of Organic Chemistry. 11, s. 147-154 8 s.

**Synthesis and surface grafting of a  $\beta$ -cyclodextrin dimer facilitating cooperative inclusion of 2,6-ANS**

Ståde, L. W., Nielsen, T. T., Duroux, L., Wimmer, R., Shimizu, K. & Larsen, K. L., 2015, I: Beilstein Journal of Organic Chemistry. 11, s. 514-523 10 s.

**Molecular design of recombinant scFv antibodies for site-specific photocoupling to  $\beta$ -cyclodextrin in solution and onto solid support**

Petersson, L., Ståde, L. W., Brofelth, M., Gärtner, S., Fors, E., Sandgren, M., Valkil, J., Olsson, N., Larsen, K. L., Borrebaeck, C. A. K., Duroux, L. & Wingren, C., 2014, I: Biochimica et Biophysica Acta - Proteins and Proteomics. 1844, 12, s. 2164-2173 10 s.

**Methylated  $\beta$ -Cyclodextrins: Influence of Degree and Pattern of Substitution on the Thermodynamics of Complexation with Tauro- and Glyco-Conjugated Bile Salts**

Schönbeck, J. C. S., Westh, P., Madsen, J. C., Larsen, K. L., Ståde, L. W. & Holm, R., 2011, I: Langmuir. 27, 10, s. 5832-5841 9 s.

**Thermodynamics of complexation of tauro- and glyco-conjugated bile salts with two modified  $\beta$ -cyclodextrins**

Holm, R., Madsen, J. C., Shi, W., Larsen, K. L., Ståde, L. W. & Westh, P., 2011, I: Journal of Inclusion Phenomena and Macrocyclic Chemistry. 69, 1-2, s. 201-211

**Direct site-directed photocoupling of proteins onto surfaces coated with  $\beta$ -cyclodextrins**

Jensen, R. L., Ståde, L. W., Wimmer, R., Stensballe, A., Duroux, M., Larsen, K. L., Wingren, C. & Duroux, L., 2010, I: Langmuir. 26, 13, s. 11597-11604 8 s.

**Hydroxypropyl-Substituted  $\beta$ -Cyclodextrins: Influence of Degree of Substitution on the Thermodynamics of Complexation with Tauroconjugated and Glycoconjugated Bile Salts**

Schönbeck, C., Westh, P., Madsen, J. C., Larsen, K. L., Ståde, L. W. & Holm, R., 2010, I: Langmuir. 26, 23, s. 17949-17957

**Hydroxypropyl substituted  $\beta$ -cyclodextrins: Influence of substitution on the thermodynamics of complexation with tauro- and glyco-conjugated bile salts**

Schönbeck, C., Westh, P., Madsen, J. C., Städe, L. W. & Holm, R., 2010.

**Interaction and Photo-Coupling of  $\beta$ -Cyclodextrin and *p*-benzoyl-L-phenylalanine**

Städe, L. W., Jensen, R. L., Larsen, K. L., Wimmer, R., Ogilby, P. R. & Duroux, L., 2010.

**Site Specific, Covalent Photo-coupling of Recombinant Protein Mutants to  $\beta$ -Cyclodextrin Coated Surfaces**

Städe, L. W., Jensen, R. L., Wingren, C., Larsen, K. L., Wimmer, R., Stensballe, A. & Duroux, L., 2010. 1 s.

**Photocoupling of recombinant protein mutants to surfaces coated with  $\beta$ -cyclodextrin**

Städe, L. W., Lybech Jensen, R., Wimmer, R., Stensballe, A., Larsen, K. L., Wingren, C. & Duroux, L., 2009.

**Spectroscopic characterization of the interaction and photo-coupling of  $\beta$ -cyclodextrin and *p*-benzoyl-L-phenylalanine.**

Städe, L. W., Lybech Jensen, R., Wimmer, R., Larsen, K. L., Ogilby, P. R. & Duroux, L., 2009.