

Publications

Siirkus J, Panula-Perälä J, Horn U, Kraft M, Rimseliene R, Neubauer P (2010) Novel approach of high cell density recombinant bioprocess development: optimisation and scale-up from microliter to pilot scales while maintaining the fed-batch cultivation mode of *E. coli* cultures. *Microb Cell Fact* 9, 35.

Kraft M, Knüpfer U, Wenderoth R, Kacholdt A, Pietschmann P, Hock B, Horn U (2007) A dual expression platform to optimize the soluble production of heterologous proteins in the periplasm of *Escherichia coli*. *Appl Microbiol Biotechnol* 76(6), 1413-1422.

Kraft M, Knüpfer U, Wenderoth R, Pietschmann P, Hock B, Horn U (2007) An online monitoring system based on a synthetic sigma32-dependent tandem promoter for visualization of insoluble proteins in the cytoplasm of *Escherichia coli*. *Appl Microbiol Biotechnol* 75(2), 397-406.

Kraft M, Radke D, Wieland GD, Zipfel PF, Horn U (2007) A fluorogenic substrate as quantitative in vivo reporter to determine protein expression and folding of tobacco etch virus protease in *Escherichia coli*. *Protein Expr Purif* 52(2), 478-484.

*equal contribution #corresponding author