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# Degree Project in Molecular Biotechnology

Masters Programme in Molecular Biotechnology Engineering,  
Uppsala University School of Engineering

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Author	<b>Sofie Ledent</b>	
Title (English)	<b>Process optimization for a medium-sized manufacturing dialysis unit</b>	
Title (Swedish)		
Abstract	<p>A method for purifying cross-linked hyaluronic acid was studied and an optimization proposal was developed. The system studied was dialysis tubing, which relies on diffusion of substances through a semipermeable membrane. Different factors affecting the diffusion rate were studied experimentally, and compared to simulated computer models, ultimately yielding the optimization proposal.</p>	
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