



UPPSALA
UNIVERSITET

Molecular Biotechnology Program

Uppsala University School of Engineering

UPTEC X 09 019	Date of issue 2009-03	
Author	Emma Myhrman	
Title (English)	Anti-inflammatory, fibrinolytic and antimicrobial effects of lactoferrin-derived peptides	
Title (Swedish)		
Abstract	The properties of 59 lactoferrin-derived peptides were investigated regarding important characteristics for a future product in preventing adhesion formation. The four assays performed were anti-inflammatory, fibrinolytic, cytotoxic and antimicrobial assays. The result was a number of peptides showed higher efficiency than existing PharmaSurgics' peptides in all the assays tested and they will now be further investigated.	
Keywords	Lactoferrin, lactoferricin, post-surgical adhesion formation, wound healing, anti-inflammatory, fibrinolytic, cytotoxic, antimicrobial.	
Supervisors	Camilla Björn PharmaSurgics, Göteborg	
Scientific reviewer	Karin Caldwell Uppsala University, Uppsala	
Project name	Sponsors	
Language	Security	
ISSN 1401-2138	Classification	
Supplementary bibliographical information	Pages 45	
Biology Education Centre Box 592 S-75124 Uppsala	Biomedical Center Tel +46 (0)18 4710000	Husargatan 3 Uppsala Fax +46 (0)18 555217