

University of Groningen

The design of a liver-selective form of interleukin-10

Rachmawati, Heni

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2005

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Rachmawati, H. (2005). *The design of a liver-selective form of interleukin-10: a new strategy for the treatment of liver fibrosis*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Abbreviations

AUC	: area under the plasma concentration-time curve
ALT	: alanin transaminase
AP	: alkaline phosphatase
AST	: aspartate transaminase
cDNA	: complementary deoxyribonucleat
Cl_{12}	: clearance from central to peripheral compartment
Clp	: plasma clearance
DBI	: direct billirubin index
ELISA	: Enzyme-linkage immunosorbent assay
ICAM-1	: intracellular adhesion molecule-1
Ig	: immunoglobulin
k_{10}	: elimination rate constant from the central compartment
k_{12}	: rate constant of transfer from central to peripheral compartment
k_{21}	: rate constant of transfer from peripheral to central compartment
LPS	: lipopolysacharide
MCP-1	: monocyte chemotactic protein-1
mRNA	: messenger ribonucleat
PBS	: phosphate buffer saline
PCR	: polymerase chain reaction
TBI	: total billirubin index
TGF β -1	: transforming growth factor-1
Thy 1	: thymocyte 1
TIMP-1	: tissue inhibitor metalloproteinase-1
V_1	: volume of distribution in compartment one
V_2	: volume of distribution in compartment two
V_{ss}	: volume of distribution at steady state