A multi-scale approach for deciphering HIV infection

Ertaylan, G.

Publication date
2011

Citation for published version (APA):

General rights
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), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: https://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.
## Table of Contents

**Chapter 1 - INTRODUCTION**  
- Background  
  3
- Aim and Outline of this thesis  
  9
- Chapter References  
  11

**Chapter 2 - HIV DECISION SUPP.: FROM MOLECULE TO MAN**  
- Background  
  16
- The ViroLab Approach to HIV  
  17
- Discussion  
  25
- Conclusion  
  26
- Chapter References  
  26

**Chapter 3 - HIV-1, HUMAN PROTEIN INTERACTION NETWORK**  
- Background  
  30
- Results  
  32
- Discussion  
  50
- Methods  
  54
- Conclusion  
  56
- Abbreviations  
  57
- Chapter References  
  57
Chapter 4 - SURFACE MEMBRANE PROTEINS OF HIV-1

  Background 64
  Materials & Methods 65
  Results 73
  Discussion 80
  Conclusion 83
  Chapter References 84

Chapter 5 - HIV-1 CO-RECEPTOR TROPISM

  Background 94
  Materials & Methods 96
  Results 106
  Discussion 111
  Conclusion 112
  Chapter References 112

Chapter 6 - SUMMARY AND CONCLUSIONS

  Appendix 123
    Figures 123
    Tables 125
    Appendix References 131
  Samenvatting 137
  Acknowledgements 141
  Publications 143