Table of Contents

Foreword.
Preface.
Acknowledgments.
Contributors.

Part I. Getting People to Collaborate.
1. The Need for Collaborative Technologies in Drug Discovery (Chris L. Waller, Ramesh V. Durvasula and Nick Lynch).
5. Collaborations in Chemistry (Sean Ekins, Antony J. Williams and Christina K. Pikas).
6. Consistent Patterns in Large Scale Collaboration (Robin W. Spencer).
7. Collaborations Between Chemists and Biologists (Victor J. Hruby).

Part II. Methods and Processes for Collaborations.
12. Collaborative Development of Large-Scale Biomedical Ontologies (Tania Tudorache and Mark A. Musen).
15. Eight Years Using GRIDS for Life Sciences (Vincent Breton, Lydia Maigne, David Sarramia and David Hill).
16. Enabling Precompetitive Translational Research – A Case Study (Sándor Szalma).
18. Leveraging Information Technology for Collaboration in Clinical Trails (O.K. Baek).

Part III. Tools for Collaborations.
19. The Evolution of Electronic Laboratory Notebooks (Keith T. Taylor).
23. Collaborative Cheminformatics Applications (Rajarshi Guha, Ola Spjuth and Egon Willighagen).

Part IV. The Future of Collaborations.

25. Collaboration Using Open Notebook Science in Academia (Jean-Claude Bradley, Andrew S.I.D. Lang, Steve Koch and Cameron Neylon).


27. A Collaborative Visual Analytics Environment for Imaging Genetics (Zhiyu He, Kevin Ponto and Falko Kuester).