

ished by the Deutsche Nationalbibliothek
ts this publication in the Deutsche
raphic data are available in the Internet

Table of Contents

<i>Amitava Karmaker, Kihoon Yoon, Mark Doderer, Russell Kruzelock, Stephen Kwek</i> Identifying Transcription Regulatory Elements in the Human and Mouse Genomes Using Tissue-specific Gene Expression Profiles	1
<i>Richard Banks, L. Jason Steggle</i> A High-Level Petri Net Framework for Genetic Regulatory Networks	25
<i>A. Yartseva, R. Devillers, H. Klaudel, F. Képès</i> From MIN model to ordinary differential equations.....	37
<i>Jan Taubert, Klaus Peter Sieren, Matthew Hindle, Berend Hoekman, Rainer Winnenburg, Stephan Philippi, Chris Rawlings, Jacob Köhler</i> The OXL format for the exchange of integrated datasets	49
<i>Sridhar Hariharaputran, Thoralf Töpel, Björn Brockschmidt and Ralf Hofestädt</i> VINEdb: a data warehouse for integration and interactive exploration of life science data	63
<i>Ela Hunt, Joanna Jakubowska, Caroline Böisinger, and Moira C. Norrie</i> Defining Mapping Mashups with BioXMash	75
<i>Mounia Belmamoune and Fons J. Verbeek</i> Developmental Anatomy Ontology of Zebrafish: an Integrative semantic framework.....	87
<i>Bashar Ibrahim, Peter Dittrich, Stephan Diekmann, Eberhard Schmitt</i> Stochastic effects in a compartmental model for mitotic checkpoint regulation	101
<i>Jian Zhang, Zhiyuan Zhao, Jennifer Evershed, Guoying Li</i> Monophyletic clustering and characterization of protein families.....	113
<i>Matthias Lange, Axel Himmelbach, Patrick Schweizer, Uwe Scholz</i> Data Linkage Graph: computation, querying and knowledge discovery of life science database networks	125
<i>Intikhab Alam, Mike Cornell, Darren M. Soanes, Cornelia Hedeler, Han Min Wong, Magnus Rattray, Simon J. Hubbard, Nicholas J. Talbot, Stephen G. Oliver and Norman W. Paton</i> A Methodology for Comparative Functional Genomics.....	137

ublication may be reproduced, stored in a
ny form or by any means, electronic,
ng or otherwise, without the prior permission

X 101818 • D-52018 Aachen
fax: 0049/2407/9596-9
nfo@shaker.de