

Semantic Trilogy '13

4th International Conference on Biomedical Ontology ICBO 2013

9th Data Integration in Life Science DILS 2013

4th Canadian Semantic Web Conference CSWS 2013



Proceedings

International Conference on Biomedical Ontology 2013

Workshops

Montreal, Quebec, Canada July 6th—12th 2013



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Vaccine and Drug Ontology Studies

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International Workshop
in
Vaccine and Drug Ontology Studies
(VDOS 2013)

Proceedings

edited by

Cui Tao,
Yongqun (Oliver) He,
Luca Toldo, and
Sivaram Arabandi

VDOS 2013 is held in conjunction with the
4th International Conference on Biomedical Ontology
(ICBO 2013)

Concordia University
Montreal, Quebec, Canada

July 7, 2013

Preface

The VDOS international workshop series focuses on vaccine- and drug-related ontology modelling and applications. Drugs and vaccines have contributed to dramatic improvements in public health worldwide. Over the last decade, tremendous efforts have been made in the biomedical ontology community to ontologically represent various areas associated with vaccines and drugs – extending existing clinical terminology systems such as SNOMED, RxNorm, NDF-RT, and MedDRA, as well as developing new models such as Vaccine Ontology. The VDOS workshop series provides a platform for discussing innovative solutions as well as the challenges in the development and application of biomedical ontologies for representing and analysing drugs and vaccines, their administration, host immune responses, adverse events, and other related topics.

The VDOS-2013 workshop is the 2nd in this series and takes place in Montreal, QC, Canada, on July 7th, 2013, in conjunction with the 4th International Conference on Biomedical Ontology (ICBO 2013). The first workshop of the series was organized as the “Vaccine and Drug Ontology in the Study of Mechanism and Effect” workshop (VDOSME 2012) on July 21, 2012, at Graz, Germany, as part of the third International Conference on Biomedical Ontology (ICBO 2012). For this year, the name has been changed to “*Vaccine and Drug Ontology Studies (VDOS)*” to reflect the expansion in the scope to more than just mechanism and effect. The workshop series also covers vaccine and drug-related clinical data representation and analysis, including clinically reported vaccine and drug adverse events.

The co-organizers of VDOS-2013 include:

Cui Tao, Yongqun (Oliver) He, Luca Toldo, and Sivaram Arabandi