

Open PHACTS

Deliverable 8.3.5

Run OPS Workshop 5

“Shaping the Future of Open PHACTS”

Prepared by RSC
Approved by LUMC, Pfizer/CD, GSK, UNIVIE

October 2013
Version 1.0

Project title: An open, integrated and sustainable chemistry, biology and pharmacology knowledge resource for drug discovery

Instrument: IMI JU

Contract no: 115191

Start date: 01 March 2011

Duration: 3 years

Nature of the Deliverable	
Report	x
Prototype	
Other	
Dissemination level	
Public dissemination level	x
For internal use only	

Open PHACTS	Deliverable: Run OPS Workshop 5: "Shaping the Future of Open PHACTS"	Deliverable: 8.3.5	
IMI - 115191	Authors: Jack Gibb (RSC)	Version: 1.0	2 / 6

Definitions

- Partners of the Open PHACTS Consortium are referred to herein according to the following codes:

Pfizer – Pfizer limited – **Coordinator**

UNIVIE – Universität Wien – **Managing entity of IMI JU funding**

DTU – Technical University of Denmark – DTU

UHAM – University of Hamburg, Center for Bioinformatics

BIT – BioSolveIT GmbH

PSMAR – Consorci Mar Parc de Salut de Barcelona

LUMC – Leiden University Medical Centre

RSC – Royal Society of Chemistry

VUA – Vrije Universiteit Amsterdam

CNIO – Spanish National Cancer Research Centre

UNIMAN – University of Manchester

UM – University of Maastricht

ACK – ACKnowledge

USC – University of Santiago de Compostela

UBO – Rheinische Friedrich-Wilhelms-Universität Bonn

AZ – AstraZeneca

GSK – GlaxoSmithKline

Esteve – Laboratorios del Dr. Esteve, S.A.

Novartis – Novartis

ME – Merck Serono

HLU – H. Lundbeck A/S

E.Lilly – Eli Lilly

NBIC – Stichting Netherlands Bioinformatics Centre

SIB – Swiss Institute of Bioinformatics

ConnDisc – Connected Discovery

EBI – European Bioinformatics Institute

Janssen – Janssen Pharmaceutica

OGI – OpenLink Software

- Grant Agreement:** The agreement signed between the beneficiaries and the IMI JU for the undertaking of the Open PHACTS project.
- Project:** The sum of all activities carried out in the framework of the Grant Agreement.
- Work plan:** Schedule of tasks, deliverables, efforts, dates and responsibilities corresponding to the work to be carried, out as specified in the Grant Agreement.
- Consortium:** The Open PHACTS Consortium composed of the above-mentioned legal entities.
- Project Agreement:** Agreement concluded amongst Open PHACTS participants for the implementation of the Grant Agreement. Such an agreement shall not affect the parties' obligations to the Community and/or to one another arising from the Grant Agreement.

Open PHACTS	Deliverable: Run OPS Workshop 5: “Shaping the Future of Open PHACTS”	Deliverable: 8.3.5	
IMI - 115191	Authors: Jack Gibb (RSC)	Version: 1.0	3 / 6

1 Introduction

The fifth Open PHACTS Community Workshop was held at DoubleTree by Hilton Hotel Amsterdam Centraal Station in Amsterdam on October 10 and 11, 2013. The Workshop focussed on “Shaping the Future of Open PHACTS” and featured discussions of the Open PHACTS successor organisation, the Open PHACTS Foundation and recent progress in the project.

2 Summary of Workshop

The first day featured talks describing the recent progress of the Open PHACTS project, and the up and coming API beta version 1.3. The establishment of a support portal, continued development of the app ecosystem and the use of OpenLink Software’s Virtuoso Triple Store were outlined as being important to ensure platform sustainability. Paul Groth presented the API usage statistics showing September’s API hits to be higher than any other month, and highlighted the unique forum offered by the project and Open PHACTS Foundation.

Use of the Open PHACTS API within the pharmaceutical industry were presented, including the answering of difficult research questions via Pipeline Pilot, many of them part of the published list of use cases.

The establishment of the Open PHACTS project’s successor organisation, the Open PHACTS Foundation, was announced. The benefits of the Foundation being a UK-based not-for-profit organisation, owned by members were outlined. Future projects and priorities of the Foundation were discussed; the integration of internal and commercial data, the inclusion of disease data in the Open PHACTS Discovery Platform, and a virtual machine version. The sustainability plans and timeline for the Foundation the membership levels were also described along with the Governance structure.

The second day was taken up by technical discussions regarding the API and conversations regarding the likely business needs of potential Open PHACTS Foundation customers.

The hashtag #OPhuture was used to discuss the workshop on Twitter (<https://twitter.com/search?q=%23OPhuture&src=hash>).

Open PHACTS	Deliverable: Run OPS Workshop 5: "Shaping the Future of Open PHACTS"	Deliverable: 8.3.5	
IMI - 115191	Authors: Jack Gibb (RSC)	Version: 1.0	4 / 6

3 Presentations

Thursday 10th October 2013

Welcome and Introduction

Gerhard Ecker, University of Vienna

An introduction to the Open PHACTS Discovery Platform and project.

What has Open PHACTS done so far?

Lee Harland, Connected Discovery

Outline of the Open PHACTS project's progress and what has been delivered up to now.

What does Open PHACTS offer?

Paul Groth, VU University Amsterdam

A discussion of the power of the Open PHACTS API, the app ecosystem and the unique forum offered by the Open PHACTS Discovery Platform.

Industry use case: Janssen

Jean-Marc Neefs, Janssen

Overview of the internal use of the Open PHACTS API with Pipeline Pilot to answer difficult scientific questions.

Industry use case: Eli Lilly

Derek Marren, Eli Lilly

Outline of the use of the Open PHACTS Discovery Platform within Eli Lilly.

Scientific use case: SIB

Christine Chichester, Swiss Institute of Bioinformatics

Description of practical workflows for addressing scientific questions and published use cases.

The future for Open PHACTS

Richard Kidd, Royal Society of Chemistry

The timeline of the Open PHACTS project and the plans for sustainability.

The Open PHACTS Foundation

Bryn Williams-Jones, Connected Discovery

Introducing the Open PHACTS project's successor organisation, the Open PHACTS Foundation.

Friday 11th October

Technical discussions

Business case discussions

Open PHACTS	Deliverable: Run OPS Workshop 5: "Shaping the Future of Open PHACTS"	Deliverable: 8.3.5	
IMI - 115191	Authors: Jack Gibb (RSC)	Version: 1.0	5 / 6

4 Attendees

Affiliation	Name
Almirall	Valentina Cappello
AQknowledge	Jan Velterop
AQknowledge	Rishi Ramgolam
AstraZeneca	Tom Plasterer
Aureus Sciences	Jason Theodosiou
Center for Translational Molecular Medicine	Jan-Willem Boiten
Connected Discovery	Bryn Williams-Jones
Connected Discovery	Lee Harland
Eli Lilly	Derek Marren
Elsevier	IJsbrand Jan Aalbersberg
Erasmus Medical Centre	Barend Mons
GlaxoSmithKline	Stefan Senger
Harvard Medical School	Tim Clark
Heriot-Watt University	Alasdair Gray
Hospital del Mar Medical Research Institute	Núria Queralt
Janssen	Jean-Marc Neefs
Maastricht University	Chris Evelo
Maastricht University	Egon Willighagen
Maastricht University	Andra Waagmeester
Medicines Evaluation Board, The Netherlands	Herman Diederik
Medicines Evaluation Board, The Netherlands	Ciska Matai
Novartis	Mark Schreiber
Novartis	Pierre Farmer
OpenLink Software	Hugh Williams
Philips	Henk Obbink
Roche Diagnostics	Benny Kneissl
Royal Society of Chemistry	Jack Gibb
Royal Society of Chemistry	Richard Kidd
Swiss Institute of Bioinformatics	Christine Chichester
Syngenta	Mark Forster
University of Manchester	Carole Goble
University of Manchester	Eleftherios Tatakis
University of Manchester	Ian Dunlop
University of Pennsylvania	David Searls
University of Santiago de Compostela	Jose Manuel Brea Floriani
University of Vienna	Anika Robl
University of Vienna	Franz Gatterer
University of Vienna	Gerhard Ecker
University of Vienna	Katharina Kramler
VU University Amsterdam	Antonis Loizou
VU University Amsterdam	Paul Groth
Working Ontologist	Dean Allemang

Open PHACTS	Deliverable: Run OPS Workshop 5: "Shaping the Future of Open PHACTS"	Deliverable: 8.3.5	
IMI - 115191	Authors: Jack Gibb (RSC)	Version: 1.0	6 / 6

5 Outcome

The Community Workshop was well attended and the overall response was positive regarding progress made by the Open PHACTS project and the potential offered by the Open PHACTS Foundation. Breakout discussions on the second day highlighted the eagerness of many community members for using the API and learning how to become further involved with the Open PHACTS Foundation.