Toward a New, Open Source Pharmaceutical Industry

Agenda

Last updated July 11, 2014, 14:14 PST

MEETING PURPOSE

Launch concrete initiatives to discover, develop, and commercialize medicines for the most pressing needs in our society through the use of open and inclusive research models.

LOGISTICS

July 16-18, 2014
Rockefeller Foundation - Bellagio Center
Bellagio, Italy

Bellagio Center Coordinator - Nadia Gilardoni

CONFERENCE OBJECTIVES

Forge: The first-ever global conference on open source pharma. Many of the players have never met. Create ties, form community, and forge alliances.

Learn: What does open source pharma mean? How does it relate to current, alternative pharma approaches? What is happening in the open source pharma field, and what is its applicability/potential at each stage of the pipeline?

Act: Explore and develop concrete projects and paths forward:
   a. a global online research platform
   b. a global innovation prize
   c. map and assemble end-to-end pipeline/partners for the world's first “open source” drug
   d. explore crowdfunding and other innovative financing options
   e. draft joint project proposal
   f. joint academic paper
   g. other ideas the participants generate
PARTICIPANTS

Urmı Bajpai – Delhi University
Manica Balasegaram – Médecins Sans Frontières
Tanjore Balganesh – Open Source Drug Discovery
Jörg Bentzien – Boehringer-Ingelheim Pharmaceuticals
Samir Brahmachari - Open Source Drug Discovery
Sarah Dennis – McGill University
Rob Don – Drugs for Neglected Diseases Initiative
UC Jaleel – Open Source Drug Discovery
Peter Kolb – University of Marburg
John McKew – National Institutes of Health
Jaykumar Menon – McGill University
Bernard Munos – InnoThink and FasterCures
Ganesh Neelam – Sir Ratan Tata Trust
Sherwood Neiss – Crowdfund Capital Advisors
Piero Olliaro – World Health Organization
Melinda Richter – Janssen Labs/Johnson & Johnson
Tomasz Sablinski – Transparency Life Sciences
Zakir Thomas – Open innovation expert
Matthew Todd – University of Sydney and Open Source Malaria
Els Torreele – Open Society Foundations
Dimitrios Tzalis – European Lead Federation
R. Venkataramanan - Sir Dorabji Tata Trust
John Wilbanks – Sage Bionetworks
DAY ONE
WHAT IS OPEN SOURCE PHARMA? CONTEXT, DEFINITIONS, PRACTICE

9:00 am   **Introduction**
*Jay Menon, Zakir Thomas, Matthew Todd, All*
- Welcome
- Statement of Purpose
- Roundtable: Statements of Wish from Each Participant

10:30 am   **Setting the Scene: What Is Wrong in the Kingdom of Drug R&D?**
*Bernard Munos, Piero Olliaro*
- Current needs and gaps (Munos)
- Whether and why the current system fails (Munos)
- Illustration: TB pipeline-current status and peculiarities of TB (Olliaro)

12:15 pm   **The Alternatives: What Is Being Tried?**
*Bernard Munos, Rob Don, Piero Olliaro, Manica Balasegaram, Jay Menon, Sherwood Neiss*
What are the existing alternative incentives and enabling mechanisms - e.g., PDPs, and pharma spin offs and initiatives? What have they delivered? What are they promising to deliver? Are such initiatives solutions, or partial solutions? What do they have planned on the horizon?

- Overview of Alternatives (Munos)
- PDP Experience (Don)
- Current Initiatives in TB Drug Discovery/Development (Olliaro)
- MSF Access Campaign Experience + Regimen Focus (Balasegaram)
- Spur Your Imagination – Examples from Other Industries: e.g., Linux, Film, Auto (Menon/Neiss)

1:00 pm   **Lunch**
Bernard Munos, Rob Don, Piero Olliaro, Manica Balasegaram, Jay Menon, Sherwood Neiss
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Philosophy: What Does 'Open Source' Mean?
John Wilbanks, Matthew Todd
- Definitions and minimum criteria for what counts as OS, and opportunities at each stage of the pipeline (Wilbanks)
- A Proposed Distinction between Open Source and Open Innovation (Todd)

Practice: What is Happening in Open Source Pharma?
Samir Brahmachari, Matthew Todd, Tomasz Sablinski, Jaleel, UC Jaleel
- OSDD Experience (Brahmachari)
- Open Source Malaria Experience (Todd)
- Open Innovation in Late Stages of the Pipeline (Sablinski)
- The Art of Structuring Massive Collaborations (Jaleel)

Cocktails and dinner
DAY TWO
OPEN SOURCE PHARMA: POSSIBILITIES

9:00 am  Industry Roundtable
Panel: Richter, Bentzien, Tzalis, Munos; Moderator: Z. Thomas
- What does pharma, big and small, need to become involved in neglected/non-lucrative diseases?
- What policy reforms might be valuable?
- What business model tweaks/innovations might work?

Barriers: Public and academia

10:00 am  Start to Finish: Exploring an End-to-End System
- Mapping out players, needed players, and incentives and enabling mechanism at each stage of pipeline
- Can push, pull and pooling work with open source research?

11:30 am  Group Determination – Issues Posed by Group
- Question to Group: What are the big questions that need further discussion?

1:00 pm  Lunch

2:00 pm  The Path Forward: Collaborative Sessions
- Group Brainstorming
- Partnership Cafes
- Explore/Design a Global Incentive Prize
- Explore Creating a Global Online Platform
- Explore Creating a Light Touch Consortium
- Innovative pooling of IP
- Combine Ideas into a Single Proposal (e.g., MSF P proposal)
- Draft Joint Project/Funding Proposal
- Plan Joint Academic Paper

7:00 pm  Cocktails and dinner
DAY THREE
OPERATIONALIZING

9:00 am  The Path Forward: Collaborative Sessions continue
- Group Brainstorming
- Partnership Cafes
- Explore/Design a Global Incentive Prize
- Explore Creating a Global Online Platform
- Explore Creating a Global Light Touch Consortium
- Innovative pooling of IP
- Combine Ideas into a Single Proposal (e.g., MSF P proposal)
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