AVICENNA
A Strategy for *in silico* Clinical Trials

Avicenna Newsletter
December 2014

Fourth Event to Take Place in Brussels

Fourth in the series of events to focus on refining and enhancing the draft Roadmap

The Avicenna Project will head to Brussels on 19th and 20th February 2015 for their fourth event, which will focus on developing the draft roadmap for *in silico* clinical trials. The Roadmap aims to define the research and technological development needed to make this vision a tangible reality. It also aims to support the case for the creation of a new industrial sector capable of providing technologies, consulting and services for ISCT to the biomedical industry.

Following on from its successful third event, in October this year, which aimed to identify the research challenges related to the use of modelling and simulation technologies, selected delegates will shift their focus to refining the component parts of the Avicenna strategy.

By deconstructing the strategy in this way, it will allow the consortium to identify areas for improvement and ensure that the final roadmap reflects the needs of its many different stakeholders.

The 50 selected participants, who will include those that have signed up to become either authors, editors or reviewers, will come together in Brussels to work on the various sections of the Roadmap - due for completion in September 2015.

The University Of Sheffield. | VPH Institute Building the Virtual Physiological Human | OBSIDIAN BIOMEDICAL CONSULTING LTD. | LYNKEUS | INSIGNEO Institute for *in silico* Medicine

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Contribute to the Avicenna Roadmap

Sign up to help create the Avicenna Project's influential policy document

In order to create the Roadmap for *in silico* Clinical Trials, the Avicenna project is bringing together experts from healthcare, biomedical research, industry, clinical trials and regulation.

This collaborative approach is designed to ensure that the Roadmap represents a collegial vision, driven by the needs of industry and wider society to investigate in detail the needs, vision, gaps, impact and the research agenda of *in silico* clinical trials.

The roadmap, which aims to provide a research technology and development strategy that will be used to increase the rate of innovation in healthcare, will be structured in sections that will define the *Objectives, Philosophy, Roadmap* and *Recommendations*. The *Objectives* section will define the scope and the stakeholders of the process, while the *Philosophy* section will discuss how ISCT can impact the various phases of development and assessment of a biomedical product. The technological challenges facing future research will emerge from this analysis. These challenges will be represented from the perspective of the producers, the regulators and the providers that will have to translate the research results into products and services for ISCT.

If you would like to contribute to the authoring process either as an author, editor or reviewer of the Roadmap please contact: events@avicenna-isct.org.

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