

BRIAN CLARK BIOTECH LECTURE

Tuesday 26 March 2015 at 15:15

Confrenceroom in the Science Park, 3130-303

The networking event takes place in the same room

Coffee and cake will be served during the networking event



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Open Access Research Tools (Proteins, Structures, Probes and Assays) for Pre-Clinical Target Validation

Although the annual number of new drug approvals is trending upwards, the number of 'first-in-class' therapies has remained relatively constant — often fewer than 10 per year. For such new medicines for 'pioneer targets', attrition in Phase II proof-of-concept clinical studies remains the biggest hurdle¹, in large part because the target–disease associations derived from the currently dominant cell-line or animal preclinical models of disease often do not translate into clinical efficacy.

It is increasingly appreciated that the use of disease models based on human samples is critical both to increase our understanding of pathophysiology and to reduce clinical attrition. However, securing regular access to well-annotated samples from patients is challenging to organize and raises ethical issues. Here, we propose that these issues can most easily be addressed by creating an open-source partnership.

Excerpts from a comment in *Nature*.

To read the full text, use this link: <http://www.nature.com/nrd/journal/v14/n3/abs/nrd4565.html>

Networking event (from 16:00-17:00)

The networking event will take place after the lecture. Groups or individuals, who would like to talk to the speaker, are most welcome to participate. Especially younger scientists and students are encouraged to participate and to talk with the speaker.

Further discussion and questions from the lecture, as well as discussion of specific projects, "know-how", and career opportunities, can be addressed in this forum.



The Brian Clark Biotech Lecture Series is organised by the
DEPARTMENT OF MOLECULAR BIOLOGY AND GENETICS
Aarhus University

www.mbg.au.dk/biotech