iDynoMiCS

individual-based Dynamics of Microbial Communities Simulator

&

eGUT ELECTRONIC GUT

Biofilms6 Post-Conference Workshop:
Individual-based modelling of biofilms using iDynoMiCS

When: 14 May 2014 (the day after Biofilms6)

What: 9:00-13:00   Introduction and demonstration of the use of iDynoMiCS to simulate a simple one-species biofilm and to analyse the simulation output.

14:00-17:00   Building on the morning session, we will guide and help you how to make the biofilm more complex, e.g. by adding another species or process such as detachment or EPS formation, depending on your choice. There will be an opportunity to discuss your own ideas and plans for modelling of biofilms.

Why: The workshop is for researchers who are thinking of using individual-based modelling of biofilms or have just started. Programming experience is not required but useful.

eGUT?   We are currently using iDynoMiCS to build a platform for simulating the gut microbiota called eGUT (www.egut.org.uk) and will be briefing you on progress for this NC3Rs funded project

Where: University of Vienna in City Centre, building TBC

Instructors: Robert Clegg & Jan Kreft, University of Birmingham, UK

Fee: None

Registration: Places are limited to 20 and will be allocated on a first come, first served basis. Registration deadline is 10 May 2014 but please register early to avoid disappointment.

Contact: For registration or further info, please email Jan Kreft (j.kreft@bham.ac.uk) and see www.tinyurl.com/kreftlab