NC STATE

BTEC Webinar Series

Friday, Sep 23rd
10:40 am (EST)

btec
Biomanufacturing Training and Education Center

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ZOOM:
go.ncsu.edu/btec_seminar

Structurally complex carbohydrates determine the dynamic assembly of metabolically cohesive consortia

Bioreactors and in-vitro culturing techniques are fundamental for the study of the compositional dynamics of natural microbial consortia and its metabolic responses to environmental controlled perturbations. The presentation will show how single-step packed-bed bioreactors seeded with identical infant pre-assembled complex inoculum can be methodically operated to reproducibly control the dynamic assembly of cohesive consortium when continuously fed with dietary carbohydrate structures of increasing complexity.

Presented by:
The Biopharmaceutical Manufacturing Interest Group (BMIG)