

Zoom Discussion Group for ISAPP – Environmental Probiotics

Wed June 3rd, 2020

Goals:

1. Identifying the scope and importance of using beneficial microbes for environmental/ecosystem purposes.
2. Categorize which products/applications should be included in the probiotic/prebiotic definition and which should not.

		Speaker
10.00am	Introductions – The panel of experts	Gregor Reid
10.10am	Examples of what's out there – from yoga mats to toilet paper	Gregor Reid
10.20am	Biodegradation and bioremediation in waste-water treatment systems	Greg Gloor
10.30am	Biodegradation of drugs	Jeanne Kagle
10.40am	Waste-water and aquaculture	Rao Changanti
10.50am	Plant and crop production	Akos Kovacs
11.00am	Plant health to improve milk productivity in cows	John Al-Alawneh
11.10am	Honey bees as recipients of probiotics and to deliver microbes to kill plant pathogens	Elina Lastro Nino
11.20am	Open discussion on categorizing which products/applications are probiotic/prebiotic and which are not	Gregor Reid - mediator
11.55am	Summary	Greg Gloor
Noon	Adjourn	

1. Emphasize the importance of biodegradation and bioremediation but state that these are not probiotic applications. Eg Chemical detox; degrading drugs
2. Add to my list of products that use the term probiotic for 'weird' environmental applications and we can discuss if they should be called probiotic.

Proposed presentation format for each speaker around 12 slides

Where are microbes applied, and to manage which problem?

Are they effective compared to existing technologies?

Are they approved by regulators?

What gaps in knowledge still exist and what research is needed to fill them?