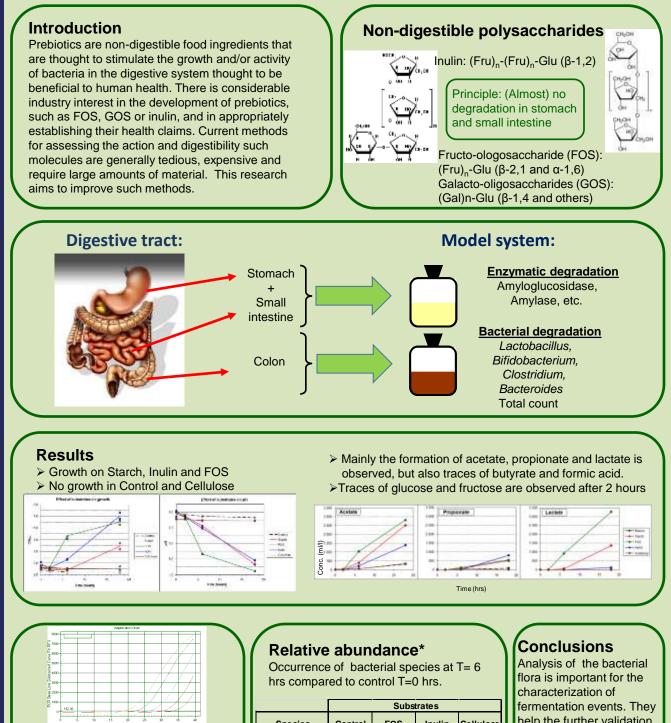
Prebiotics in human digestion



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Quantitative PCR analyses (relative) amounts of bacterial species in the fecal slurry for *Lactobacilli*, *Bifidobacteria*, *Bacteroides* and *Clostridia.*, data to be combined in the "prebiotic index".

	Substrates			
Species	Control	FOS	Inulin	Cellulose
Lactobacilli	1,4	12,5	19,4	1,4
Bifidobacteria	2,0	28,0	11,0	1,1
Clostridia	0,5	0,6	0,7	0,5
Bacteroides	1,1	1,1	1,6	0,6

* Paffle-method to compare results

Analysis of the bacterial flora is important for the characterization of fermentation events. They help the further validation of the "**prebiotic index**" as fast and cost-effective screening of prebotic action within individuals or selected populations.