

Vaginal prevention of *Candida albicans*: synergistic effect of lactobacilli and mannan oligosaccharides (MOS)

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Electronic Supporting Information

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Supplementary material

Supplementary material S1 – List of bacteria and yeast strains

Table S1. Strains used in this study.

Microorganism	Catalogue #	URL
Bacteria	<i>Lactobacillus jensenii</i>	20557 https://www.dsmz.de/collection/catalogue/details/culture/DSM-20557
	<i>Lactobacillus crispatus</i>	20356 https://www.dsmz.de/collection/catalogue/details/culture/DSM-20356
	<i>Lactobacillus gasseri</i>	20243 https://www.dsmz.de/collection/catalogue/details/culture/DSM-20243
Yeast	<i>Candida albicans</i>	3454 https://www.dsmz.de/collection/catalogue/details/culture/DSM-3454
	<i>Candida glabrata</i>	28718 https://www.dsmz.de/collection/catalogue/details/culture/DSM-28718
	<i>Candida tropicalis</i>	11952 https://www.dsmz.de/collection/catalogue/details/culture/DSM-11952

Supplementary material S2 - Reagents/Chemicals Used in Simulated Vaginal Fluid

Table S2. Simulated Vaginal Fluid at 4.2 pH.

Reagent	Concentration g/L	Purchased from
Sodium Chloride	3.5	Honeywell Fluka, Seelze, Germany
Potassium Hydroxide	1.4	Merck, Darmstadt, Germany
Calcium Hydroxide	0.2	Sigma, St. Louis, MO, USA
Bovine serum albumin	0.02	Sigma, St. Louis, MO, USA
Lactic Acid	2.0	Sigma, St. Louis, MO, USA
Acetic Acid	1.0	Sigma, St. Louis, MO, USA
Glycerol	0.2	Fisher Scientific, Loughborough, UK
Urea	0.4	Sigma, St. Louis, MO, USA
D- Glucose	5.0	Merck, Darmstadt, Germany
L-cysteine hydrochloride	0.05	Sigma, St. Louis, MO, USA

Supplementary material S3 – Growth curves in MRS broth medium.

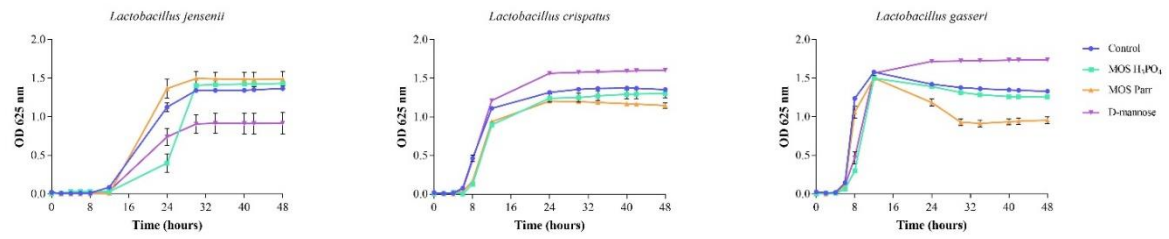


Figure S1. Growth curves of *Lactobacillus jensenii*, *L. crispatus* and *L. gasseri* and in MRS broth supplemented with several mannose-based extracts.