

Supplementary materials

Antimicrobial, Probiotic, and Immunomodulatory Potential of *Cannabis sativa* Extract and Delivery Systems

Anna Stasiłowicz-Krzemień ^{1,*}, Daria Szymanowska ^{1,2}, Piotr Szulc ² and Judyta Cielecka-Piontek ^{1,3,*}

¹ Department of Pharmacognosy and Biomaterials, Faculty of Pharmacy, Poznan University of Medical Sciences, Rokietnicka 3, 60-806 Poznan, Poland; astasilowicz@ump.edu.pl, jpiontek@ump.edu.pl

² Department of Biotechnology and Food Microbiology, Poznan University of Life Sciences, 48 Wojska Polskiego Street, 60-627 Poznan, Poland, daria.szymanowska@up.poznan.pl

³ Department of Agronomy, Poznań University of Life Sciences, Dojazd 11, 60-632 Poznań, Poland; piotr.szulc@up.poznan.pl

⁴ Department of Pharmacology and Phytochemistry, Institute of Natural Fibres and Medicinal Plants, Wojska Polskiego 71b, 60-630 Poznan, Poland

* Correspondence: astasilowicz@ump.edu.pl; jpiontek@ump.edu.pl

Table S1. The microorganisms and growth conditions used in studies investigating antimicrobial and probiotic potential.

Microorganism	Strain	Type of Culture Collection	Culture Media	Growth Conditions
<i>Clostridium difficile</i>	ATCC 9689	American Type Culture Collection	Muller-Hinton	Anaerobic, 37°C, 48 h
<i>Listeria monocytogenes</i>	ATCC 7644	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Enterococcus faecalis</i>	ATCC 29212	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Staphylococcus aureus</i>	ATCC 25923	American Type Culture Collection	Muller-Hinton	Aerobic, 37°C, 48 h
<i>Staphylococcus pyogenes</i>	ATCC 19615	American Type Culture Collection	Muller-Hinton	Aerobic, 37°C, 48 h
<i>Escherichia coli</i>	ATCC 25922	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Klebsiella pneumoniae</i>	ATCC 31488	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Salmonella typhimurium</i>	ATCC 14028	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Pseudomonas aeruginosa</i>	ATCC 27853	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Candida albicans</i>	ATCC 10231	American Type Culture Collection	Muller-Hinton	Aerobic, 37°C, 72 h
<i>Lactobacillus acidophilus</i>	4356	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Lactobacillus casei</i>	ATCC 393	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Lactobacillus plantarum</i>	ATCC 14917	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Lactobacillus brevis</i>	ATCC 8287	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Lactobacillus rhamnosus</i> GG	ATCC 53103	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Lactobacillus reuteri</i>	ATCC 5289	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Pediococcus pentosaceus</i>	ATCC 25745	American Type Culture Collection	Muller-Hinton	Aerobic, 37°C, 48 h
<i>Lactococcus lactis</i>	ATCC 11955	American Type Culture Collection	Muller-Hinton	Facultative anaerobic, 37°C, 48 h
<i>Lactobacillus fermentum</i> LF 2	LMG 27299	Belgian Coordinated Collections of Microorganisms	Muller-Hinton	Facultative anaerobic, 37°C, 48 h

<i>Streptococcus thermophilus</i> FP 4	DSMZ 18616	German Collection of Microorganisms and Cell Cultures	Muller-Hinton	Aerobic, 37°C, 48 h
----------------------------------------	------------	-------------------------------------------------------	---------------	---------------------