

Supplemental material

Potential of *Borojoa patinoi* Cuatrecasas, water extract to inhibit nosocomial antibiotic resistant bacteria and cancer cells proliferation *in vitro*

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Table 1S. UHPLC-MS/MS parameters for each phenolic compound.

<i>Compound</i>	<i>T_{rit}</i> (min)	<i>Q₁</i> (amu)	<i>Q₃</i> (amu)	<i>DP</i> (V)	<i>EP</i> (V)	<i>CE</i> (V)	<i>CXP</i> (V)
<i>Phenolic Acids</i>							
Gallic acid	2.50	169	125	-51	-10	-20	-4
Vanillic acid	4.47	167	151.3	-50	-6	-18	-5
4-OH Benzoic acid	4.25	137	93	-9	-13	-18	-6
Syringic acid	4.54	197	120.8	-44	-10	-23	-8
<i>Hydroxycinnamic acids</i>							
Caffeic acid	4.41	179	135	-50	-5	-21	-5
Chlorogenic acid	4.12	353.1	191	-14	-11	-23	-6
Ferulic acid	5.07	193	134	-52	-9	-21	-4
p-coumaric acid	4.87	162.6	119	-29	-6	-19	-8
o-coumaric acid	5.05	162.6	119	-29	-6	-19	-8
Sinapic acid	5.01	222.9	163.9	-61	-5	-21	-5
Caftaric acid	3.90	311	148.9	-129	-4	-14	-5
Chicoric acid	4.80	473.1	149	-35	-9	-28	-9
Rosmarinic acid	5.16	359.1	160.9	-15	-10	-22	-6
<i>Flavan-3-ols</i>							
Catechin	4.00	288.9	245	-100	-10	-23	-8
Epicatechin	4.42	288.9	245	-100	-10	-23	-8
<i>flavonols</i>							
Quercetin	5.77	301	151	-39	-10	-24	-14
Kaempferol	6.13	285	228.7	-164	-9	-44	-11
Myricetin	5.35	317	136.5	-72	-8	-20	-7
Rutin	4.97	609.4	301	-35	-10	-45	-5
Isoquercetin	4.74	463	300	-120	-10	-30	-18
<i>Flavanones</i>							
Hesperidin	4.58	609	301	-134	-5	-50	-12
Neoesperidin	4.98	609	301	-134	-5	-50	-12
<i>Flanones</i>							
Apigenin	6.06	269	117	-91	-9	-48	-7
Luteolin	6.12	285	150.7	-90	-7	-36	-5
<i>Tyrosols esters</i>							
Oleuropein	5.12	539	377	-62	-7	-22	-14
<i>Dihydrochalcones</i>							
Phloridzin	5.18	435	273	-117	-5	-22	-10

Trit: LC retention time; **DP:** Declustering Potential; **EP:** Entrance Potential; **CE:** Collision Energy; **CXP:** Cell Exit Potential.

Table 2S. Antibiotic resistance of the *Pseudomonas aeruginosa* and *Staphylococcus aureus* strains.

	<i>P. aeruginosa</i>						<i>S. aureus</i>
	R001	R002	R003	R004	TP28	TP106	M121
<u>Amikacin</u>	S*	S	S	S	S	S	<u>n.p</u>
<u>Amoxillin/ kavulanate</u>	R	R	R	R	R	R	<u>S</u>
<u>Ampicillin/</u>	R	R	R	R	R	R	<u>n.p</u>
<u>Ampicillin</u>	R	R	R	R	R	R	<u>R</u>
<u>Aztreonam</u>	I	I	I	I	S	I	<u>//</u>
<u>Cefepime</u>	S	S	S	S	S	S	<u>//</u>
<u>Cefpodoxime</u>	R	R	R	R	R	R	<u>//</u>
<u>Ceftazidime</u>	S	S	S	S	S	S	<u>//</u>
<u>Ceftriaxone</u>	R	R	R	R	R	R	<u>//</u>
<u>Cefuroxime</u>	R	R	R	R	R	R	<u>//</u>
<u>Ciprofloxacin</u>	S	S	I	S	S	S	<u>S</u>
<u>Cloramphenicol</u>	R	R	R	R	R	R	<u>//</u>
<u>Colistin</u>	S	S	S	S	S	S	<u>//</u>
<u>Doripenem</u>	S	S	S	S	S	S	<u>//</u>
<u>Ertapenem</u>	R	R	R	R	R	R	<u>//</u>
<u>Fosfomicin</u>	R	R	R	R	R	R	<u>S</u>
<u>Gentamicin</u>	S	S	S	S	S	S	<u>//</u>
<u>Imipenem</u>	S	S	S	S	S	S	<u>//</u>
<u>Levofloxacin</u>	S	S	S	I	I	S	<u>S</u>
<u>Meropenem</u>	S	S	S	S	S	S	<u>//</u>
<u>Norfloxacin</u>	R	R	R	R	R	R	<u>S</u>
<u>Ofloxacin</u>	R	R	R	R	R	R	<u>S</u>
<u>Piperacillin</u>	S	S	S	S	S	S	<u>S</u>
<u>Piperacillin</u>	S	S	S	S	S	S	<u>//</u>
<u>Tetracycline</u>	R	R	R	R	R	R	<u>//</u>
<u>Tobramycin</u>	S	S	S	S	S	S	<u>//</u>
<u>Trimethoprim/</u>	R	R	R	R	R	R	<u>S</u>
<u>Trimetoprim</u>	R	R	R	R	R	R	<u>//</u>
<u>Methicillin</u>	R	R	R	R	R	R	<u>R</u>
<u>Vancomycin</u>	R	R	R	R	R	R	<u>R</u>

*S: sensible; R: resistant, I: intermediate, **n.p** revisto in the test performed :

Table 3S. In vitro sensitivity (MIC₉₀) of *Candida* spp. isolates to Amphotericin B and fluconazole.

	Amphotericin B	Fluconazole
	(µg/mL)	(µg/mL)
<i>Candida albicans</i> VS14	0.5	0.5
<i>Candida parapsilosis</i> VS13	0.5	2
<i>Candida tropicalis</i> VS17	0.5	1
<i>Candida glabrata</i> VS15	1	128
<i>Candida krusei</i> VS16	0.5	64

