

Anti-Inflammatory and Gut Microbiota Modulation Potentials of Flavonoids Extracted from *Passiflora foetida* Fruits

Xiangpeng Han ^{1,2,†}, Ya Song ^{1,2,†}, Riming Huang ^{1,2}, Minqian Zhu ^{1,2}, Meiying Li ^{1,2}, Teresa Requena ^{3,*} and Hong Wang ^{1,2,*}

¹ Guangdong Provincial Key Laboratory of Food Quality and Safety, College of Food Science, South China Agricultural University, Guangzhou 510642, China; hanxp1996@163.com (X.H.);

songya_1990@163.com (Y.S.); huangriming@scau.edu.cn (R.H.); zhuminqian@stu.scau.edu.cn (M.Z.); lmy1982@scau.edu.cn (M.L.)

² Guangdong Laboratory for Lingnan Modern Agriculture, Guangzhou 510642, China

³ Instituto de Investigación en Ciencias de la Alimentación CIAL (CSIC), Campus UAM Cantoblanco, 28049 Madrid, Spain

* Correspondence: t.requena@csic.es (T.R.); gzwzhongd@scau.edu.cn (H.W.)

† These authors contributed equally to this work.

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Table S1 Primers and amplification conditions for real-time PCR assays.

Bacterial group	Primers	Primer sequence and direction (5'–3')	Product size (bp)	Annealing T (°C)	Time (s)
<i>Alistipes</i>	AlstpF	F: 5' GTACTAATTCCCCATAACATTCGAG 3'	83	60	40
	AlstpR	R: 5' CTAATACAACGCATGCCCATCTT 3'			
<i>Bifidobacterium</i>	Bif-F	F: 5' CTCCTGGAAACGGGTGG 3'	593	55	40
	Bif-R	R: 5' GGTGTTCTTCCCGATATCTACA 3'			
<i>Bilophia</i>	BwF	F: 5' AAGTCCTTCGGGGCGAGTAA 3'	239	60	40
	BwR	R: 5' ATCCTCTCAGACCGGCTAC 3'			
<i>Enterobacteriaceae</i>	F-ent	F: 5' ATGGCTGTCGTCAGCTCGT 3'	385	55	40
	R-ent	R: 5' CCTACTTCTTTTGCAACCCACTC3'			
<i>Enterococcus</i>	g-Encoc-F	F: 5' ATCAGAGGGGGATAAACTT 3'	336	55	40
	g-Encoc-R	R: 5' ACTCTCATCCTTGTCTTCTC 3'			
<i>Lactobacillus</i>	Lab-F362	F: 5' AGCAGTAGGGAATCTTCCA 3'	341	58	40
	Lab-R677	R: 5' CACCGCTACACATGGAG 3'			
<i>Roseburia</i>	RosF1	F: 5' GCGGTRCGGCAAGTCTGA 3'	81	60	40
	RosR1	R: 5' CCTCCGACACTCTAGTMCGAC 3'			

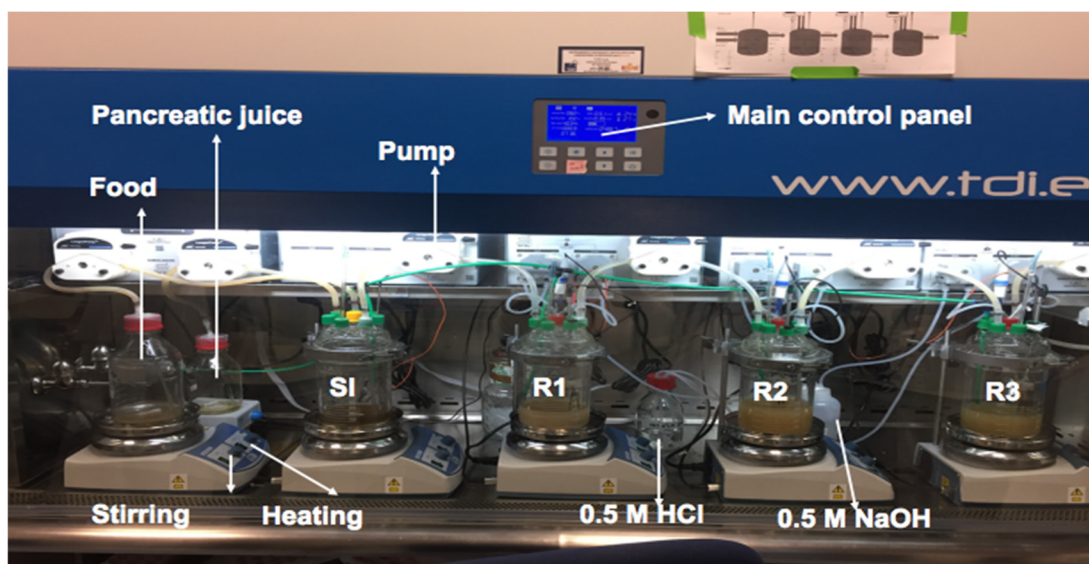


Figure S1 Schematic diagram of the BFBL gut model.

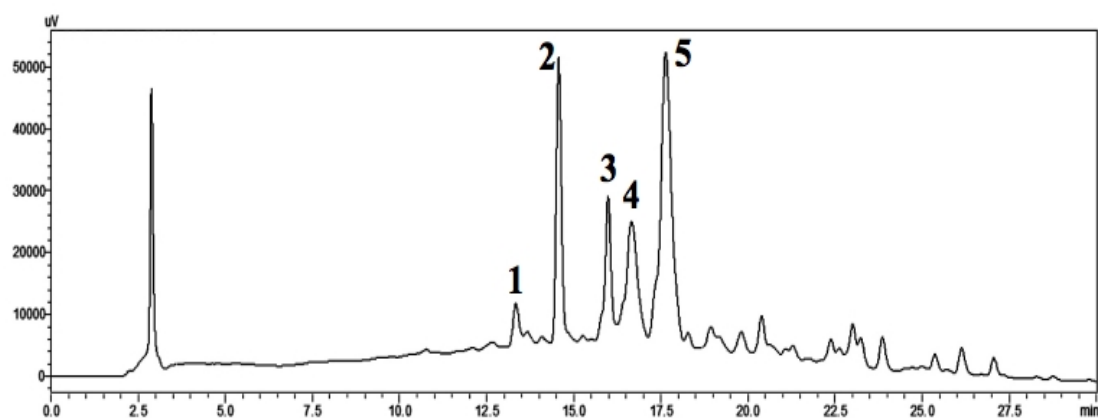


Figure S2 HPLC chromatography spectrum of PFF.

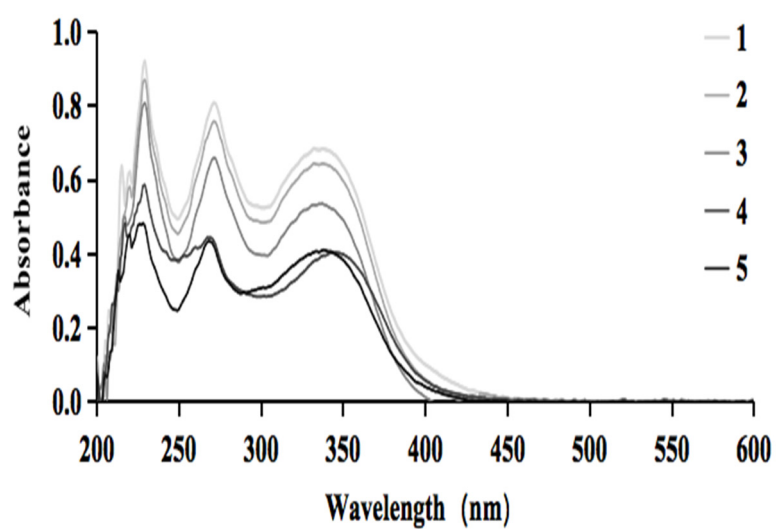


Figure S3 The UV spectra of purified compounds 1-5.

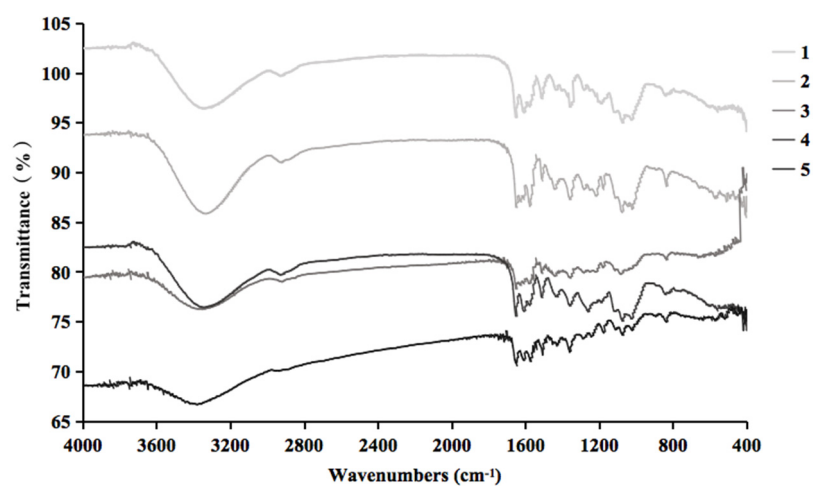
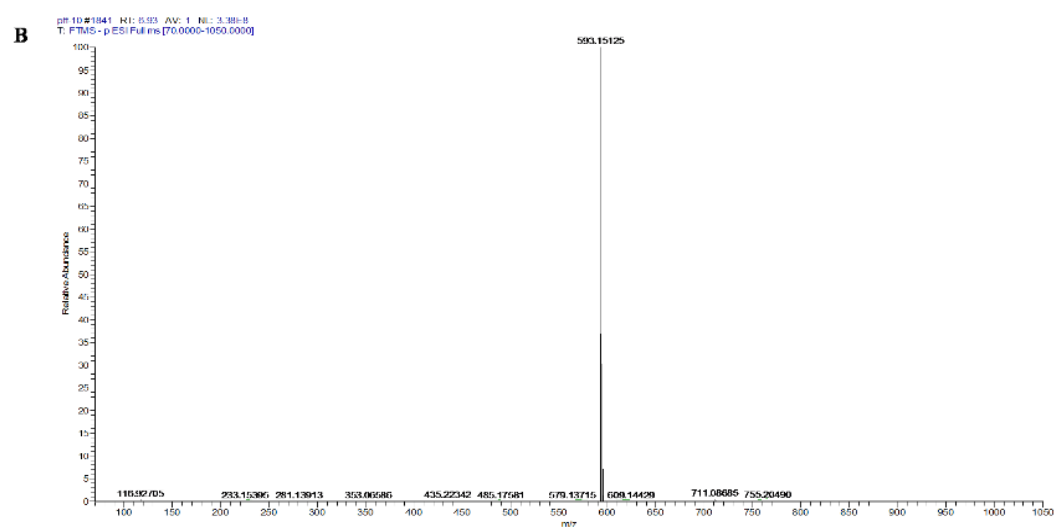
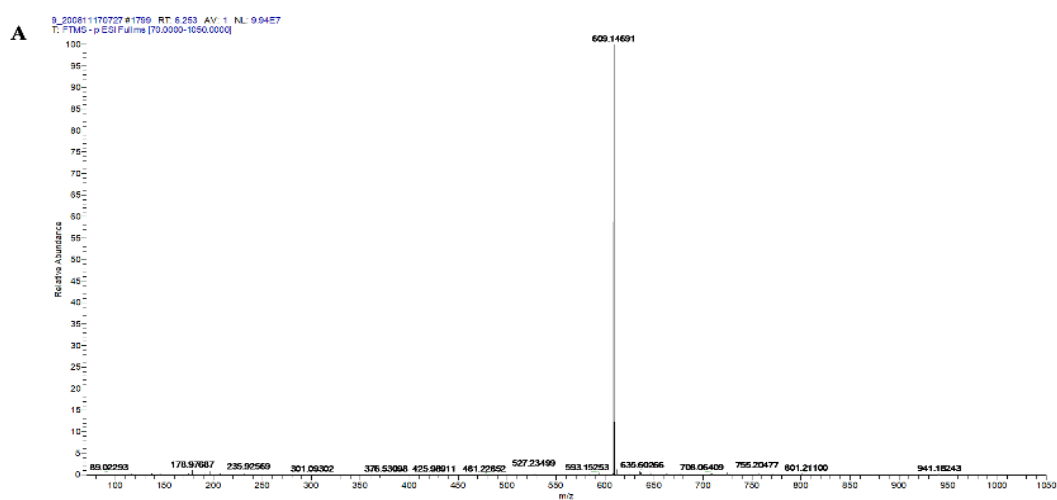


Figure S4 The FT-IR spectra of purified compounds 1-5.



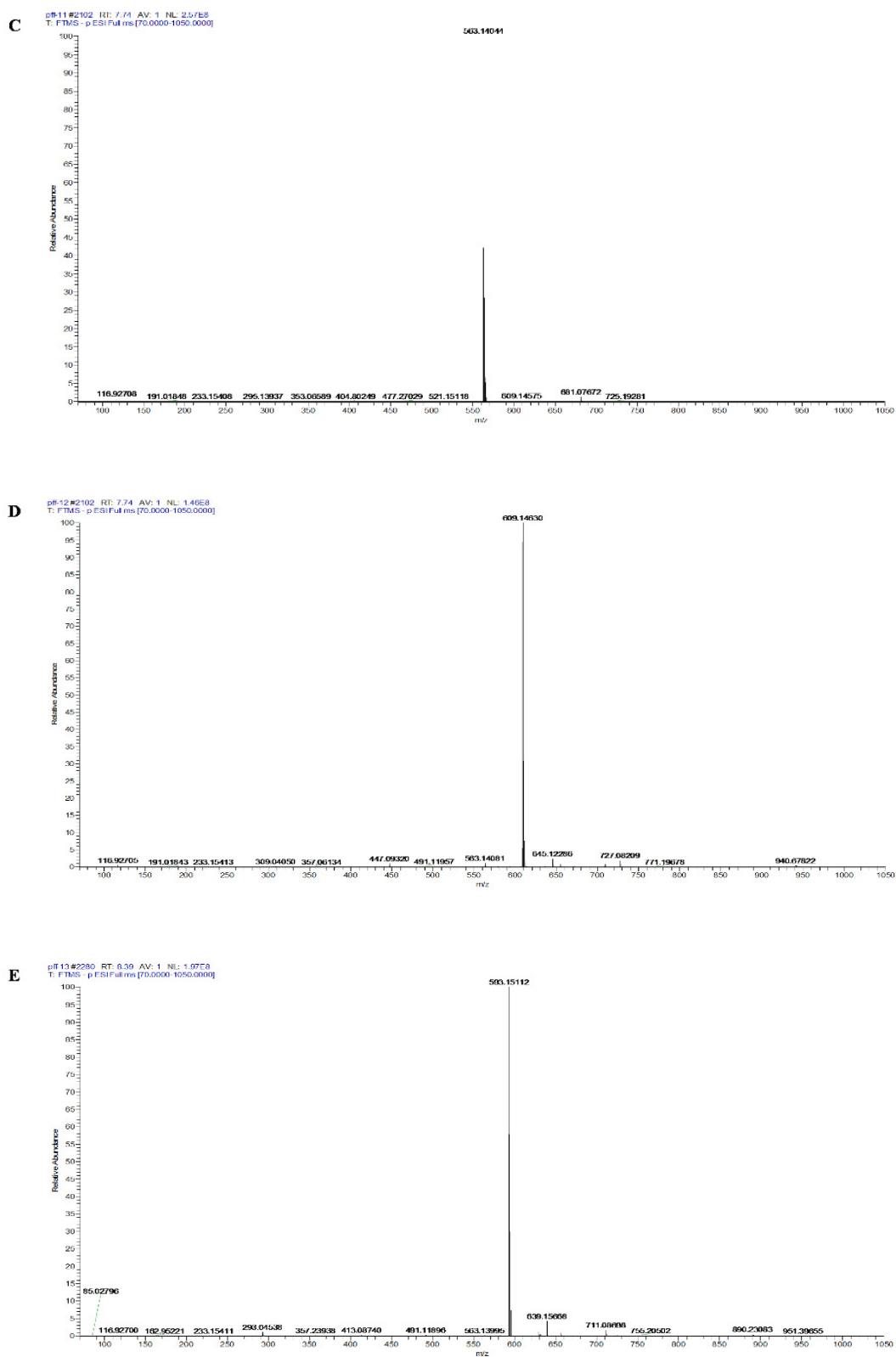


Figure S5 The LC-ESI-MS spectra of purified compound 1 (A), 2 (B), 3 (C), 4 (D), and 5

(E).