Sour Cherry extract inhibits Human Salivary α-Amylase and growth of *Streptococcus mutans* (a pilot clinical study)

Food and Function

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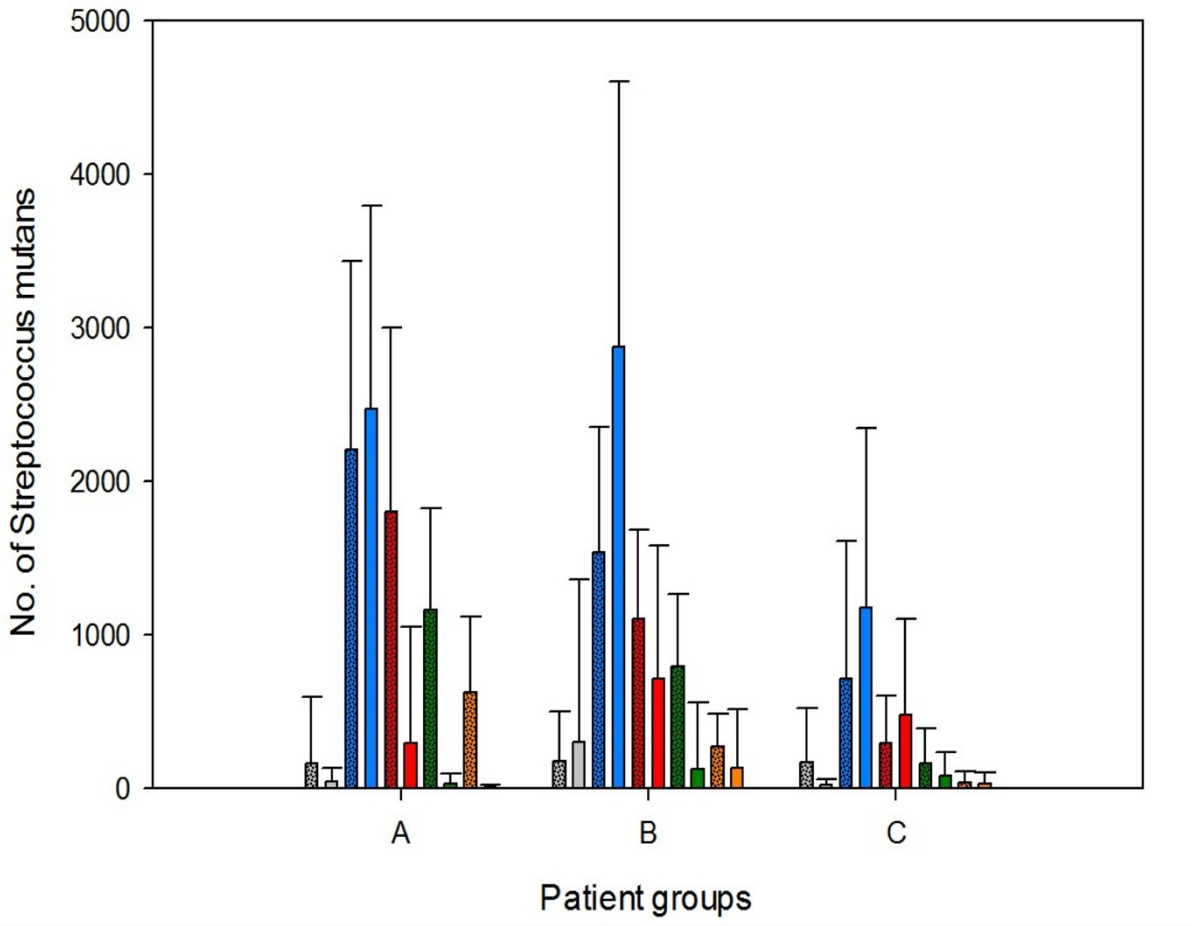

Figure S1. Representation of the number of hemolizing *Streptococcus mutans* stains with (±SD) observed on blood agar plates in different patient groups (A: over 30 years of age, B: 18 to 20 years, C: 12 years old). Coloured-dotted graphs refer to control, while coloured-hollow graphs refer to control data groups. Colors represent different sampling procedures (grey: 0. time point prior mastification, blue: sampling right after mastification, red: 10 minutes following mastification, red: 20 minutes after mastification, orange: 30 minutes after mastification).

Table S1: representation the median values with (±SD) of the different data groups. Results of the T-tests are shown where empty squares show no significance and squares filled with ✓signs refer to significat differences between the two data groups. List of abbreviations: AK (control group-A: over 30 years of age), AE (case group-A: over 30 years of age), BK (control group-B: 18 to 20 years), BE (case group-B: 18 to 20 years), CK (control group-C: 12 years old), CE (case group-C: 12 years old). Numbers 1, 2, 3, 4, 5 refer to sampling procedures (1: 0. time point prior mastification, 2: sampling right after mastification, 3: 10 minutes following mastification, 4: 20 minutes after mastification, 5: 30 minutes after mastificati.

	median	±SD	0 1 AK	0 1 AE	0 1 BK	0 1 BE	0 1 CK	0 1 CE	1 2 AK	1 2 AE	1 2 BK	1 2 BE	1 2 CK	1 2 CE	2 3 AK	2 3 AE	2 3 BK	2 3 BE	2 3 CK	2 3 CE	3 4 AK	3 4 AE	3 4 BK	3 4 BE	3 4 CK	3 4 CE	4 5 AK	4 5 AE	4 5 BK	4 5 BE	4 5 CK	4 5 CE
0 1AK	162.8	434.8	-						✓	✓	✓	✓	✓	✓	✓		✓	✓			✓		✓				✓					
0 1AE	43.2	94.3		-					✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓				✓		✓			
0 1BK	181.8	316.5	✓	✓	-	✓	✓	✓		✓		✓	✓			✓		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0 1BE	302.9	1054.8				-			✓	✓	✓	✓		✓	✓		✓				✓											
0 1CK	170.1	353.3					-		✓	✓	✓	✓	✓	✓	✓		✓	✓			✓		✓				✓					
0 1CE	26.92	37.8						-	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓			
1 2AK	2203.9	1228.3	✓	✓	✓	✓	✓	✓	-				✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 2AE	2476.4	1322.2	✓	✓	✓	✓	✓	✓		-	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 2BK	1534.6	819.2	✓	✓	✓	✓	✓	✓		✓	-	✓	✓			✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 2BE	2875.6	1729.5	✓	✓	✓	✓	✓	✓			✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 2CK	716.6	892	✓	✓	✓		✓	✓	✓	✓	✓	✓	-		✓							✓		✓	✓	✓		✓		✓	✓	✓
1 2CE	1178.3	1167.9	✓	✓	✓	✓	✓	✓	✓	✓		✓		-		✓			✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓
2 3AK	1804.9	1196.2	✓	✓	✓	✓	✓	✓				✓	✓		-	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 3AE	295.4	757.2							✓	✓	✓	✓		✓	✓	-	✓				✓		✓									
2 3BK	1103.1	580.6	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	-		✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓
2 3BE	717.85	861	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓			-				✓		✓	✓	✓		✓	✓	✓	✓	✓
2 3CK	294.6	312.9		✓				✓	✓	✓	✓	✓		✓	✓		✓		-		✓	✓	✓			✓	✓	✓			✓	✓
2 3CE	478.5	624		✓				✓	✓	✓	✓	✓		✓	✓		✓			-	✓	✓				✓		✓			✓	✓
3 4AK	1165.3	661.8	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	-	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
3 4AE	28.23	73.23							✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	✓		✓		✓		✓			
3 4BK	794.7	468.2	✓	✓	✓		✓	✓	✓	✓	✓	✓			✓	✓			✓			✓	-	✓	✓	✓		✓	✓	✓	✓	✓
3 4BE	127.5	434.4							✓	✓	✓	✓	✓	✓	✓		✓	✓			✓		✓	-			✓					
3 4CK	161.4	230.7						✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	✓		-		✓	✓			✓	✓
3 4CE	79.5	160.3							✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓			-	✓		✓			

$\frac{4}{5}$AK	627.6	491.8	✓	✓	✓		✓	✓	✓	✓	✓	✓			✓		✓		✓		✓	✓		✓	✓	✓	-	✓	✓	✓	✓	✓
$\frac{4}{5}$AE	6.4	15.2			✓			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	-	✓		✓	
$\frac{4}{5}$BK	277.8	207.9		✓				✓	✓	✓	✓	✓		✓	✓		✓	✓			✓	✓	✓			✓	✓	✓	-		✓	✓
$\frac{4}{5}$BE	135.1	69.5							✓	✓	✓	✓	✓	✓	✓		✓	✓			✓		✓				✓			-		
$\frac{4}{5}$CK	41.2	69.5							✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓		-	
$\frac{4}{5}$CE	35.3	67.7							✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓		✓			-