



Supplementary Materials Figure S1. Changes in the moisture of experimental GFBs related to FOCE level (A) and storage time (B). ^a similar lowercase letters indicate no significant differences between GFBs with different FOCE levels at the same storage time ($p < 0.05$); ^{A-B} different capital letters indicate significant differences between storage times for the same bread ($p < 0.05$).

Suppl. Material. Table S1. Instrumental texture profile of experimental GFBs with FOCE during storage.

	Hardness [N]	Springiness	Cohesiveness	Gumminess	Chewiness	Resilience
24 h						
Control	16.54 ^{aA} ± 0.37	0.90 ^{aA} ± 0.03	0.35 ^{aB} ± 0.03	5.18 ^{aA} ± 0.78	4.84 ^{aA} ± 0.70	0.15 ^{aA} ± 0.03
FOCE25%	16.72 ^{aA} ± 1.77	0.92 ^{aA} ± 0.02	0.41 ^{abB} ± 0.02	6.85 ^{abA} ± 0.73	6.28 ^{abA} ± 0.75	0.17 ^{aA} ± 0.01
FOCE50%	16.96 ^{aA} ± 1.04	0.90 ^{aA} ± 0.04	0.41 ^{abB} ± 0.05	7.79 ^{abA} ± 0.71	6.99 ^{abcA} ± 1.14	0.19 ^{aA} ± 0.02
FOCE75%	18.65 ^{abA} ± 2.22	0.92 ^{aA} ± 0.02	0.45 ^{bb} ± 0.03	7.82 ^{abA} ± 0.52	7.13 ^{bcA} ± 0.41	0.20 ^{aA} ± 0.03
FOCE100%	21.43 ^{bA} ± 3.06	0.91 ^{aA} ± 0.03	0.45 ^{bb} ± 0.02	9.08 ^{bA} ± 1.18	8.60 ^{cA} ± 1.27	0.20 ^{aA} ± 0.02
72 h						
Control	16.69 ^{aA} ± 3.64	0.89 ^{aA} ± 0.02	0.29 ^{aA} ± 0.02	6.04 ^{aA} ± 0.50	5.35 ^{aA} ± 0.54	0.12 ^{aA} ± 0.01
FOCE25%	21.22 ^{aAB} ± 0.12	0.91 ^{aA} ± 0.03	0.35 ^{bAB} ± 0.04	8.01 ^{abAB} ± 1.38	6.86 ^{abAB} ± 0.56	0.14 ^{aA} ± 0.03
FOCE50%	21.27 ^{aB} ± 1.77	0.89 ^{aA} ± 0.03	0.36 ^{bAB} ± 0.04	8.02 ^{abA} ± 1.19	7.06 ^{abA} ± 1.06	0.15 ^{aA} ± 0.03
FOCE75%	21.55 ^{aAB} ± 2.11	0.88 ^{aA} ± 0.04	0.36 ^{bA} ± 0.02	8.02 ^{abA} ± 0.83	7.04 ^{abA} ± 0.63	0.15 ^{aA} ± 0.01
FOCE100%	23.67 ^{bAB} ± 1.03	0.89 ^{aA} ± 0.04	0.39 ^{bAB} ± 0.02	9.11 ^{bA} ± 0.59	8.44 ^{bA} ± 0.17	0.15 ^{aA} ± 0.01
120 h						
Control	22.31 ^{aB} ± 2.15	0.91 ^{aA} ± 0.05	0.29 ^{aA} ± 0.03	6.41 ^{aA} ± 0.52	5.84 ^{aA} ± 0.17	0.12 ^{aA} ± 0.01
FOCE25%	26.88 ^{bC} ± 0.48	0.92 ^{aA} ± 0.06	0.33 ^{abA} ± 0.02	10.15 ^{bb} ± 1.16	7.85 ^{bB} ± 0.42	0.13 ^{aA} ± 0.02
FOCE50%	27.43 ^{bC} ± 2.48	0.85 ^{aA} ± 0.06	0.33 ^{abA} ± 0.05	10.08 ^{bA} ± 1.74	8.25 ^{bA} ± 0.13	0.15 ^{aA} ± 0.01
FOCE75%	27.50 ^{bB} ± 2.87	0.88 ^{aA} ± 0.03	0.36 ^{bA} ± 0.02	10.04 ^{bB} ± 0.86	8.80 ^{bcB} ± 0.80	0.15 ^{aA} ± 0.02
FOCE100%	30.14 ^{bC} ± 1.53	0.90 ^{aA} ± 0.02	0.36 ^{bA} ± 0.01	10.91 ^{bb} ± 0.75	9.53 ^{cA} ± 0.39	0.15 ^{aA} ± 0.01

^{a-c} different lowercase letters indicate significant differences between GFBs with different FOCE levels at the same storage time ($p < 0.05$); ^{A-C} different capital letters indicate significant differences between storage times for the same bread ($p < 0.05$).