

Supplementary materials

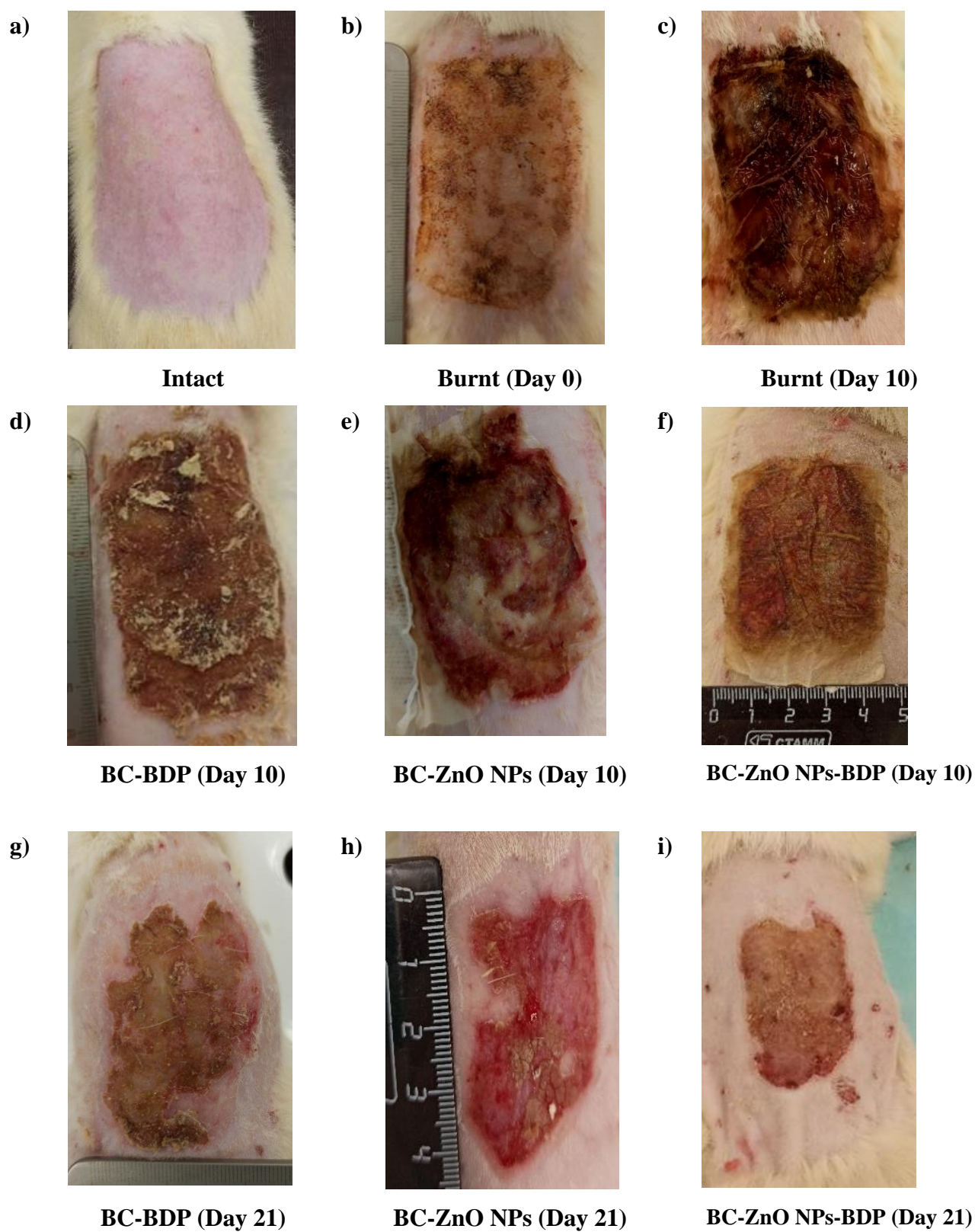


Figure S1. Images of intact (a) and burnt rats without treatment (Day 0, b and Day 10, c), and under the treatment of BC-BDP (d, g), BC-ZnO NPs (e, h) and BC-ZnO NPs-BDP (f, i).

Table S1. The decrease of wound area in % of an initial burn wound state during the treatment ¹.

Treatment (group)	The decrease of wound area, %	
	Day 10	Day 21
BC-BDP	8.45	38.41
BC-ZnO NPs	9.71	39.18
BC-ZnO NPs-BDP	10.33	42.31

¹ Initial burn wound area is 21.65±0.98 cm² taken as 100%

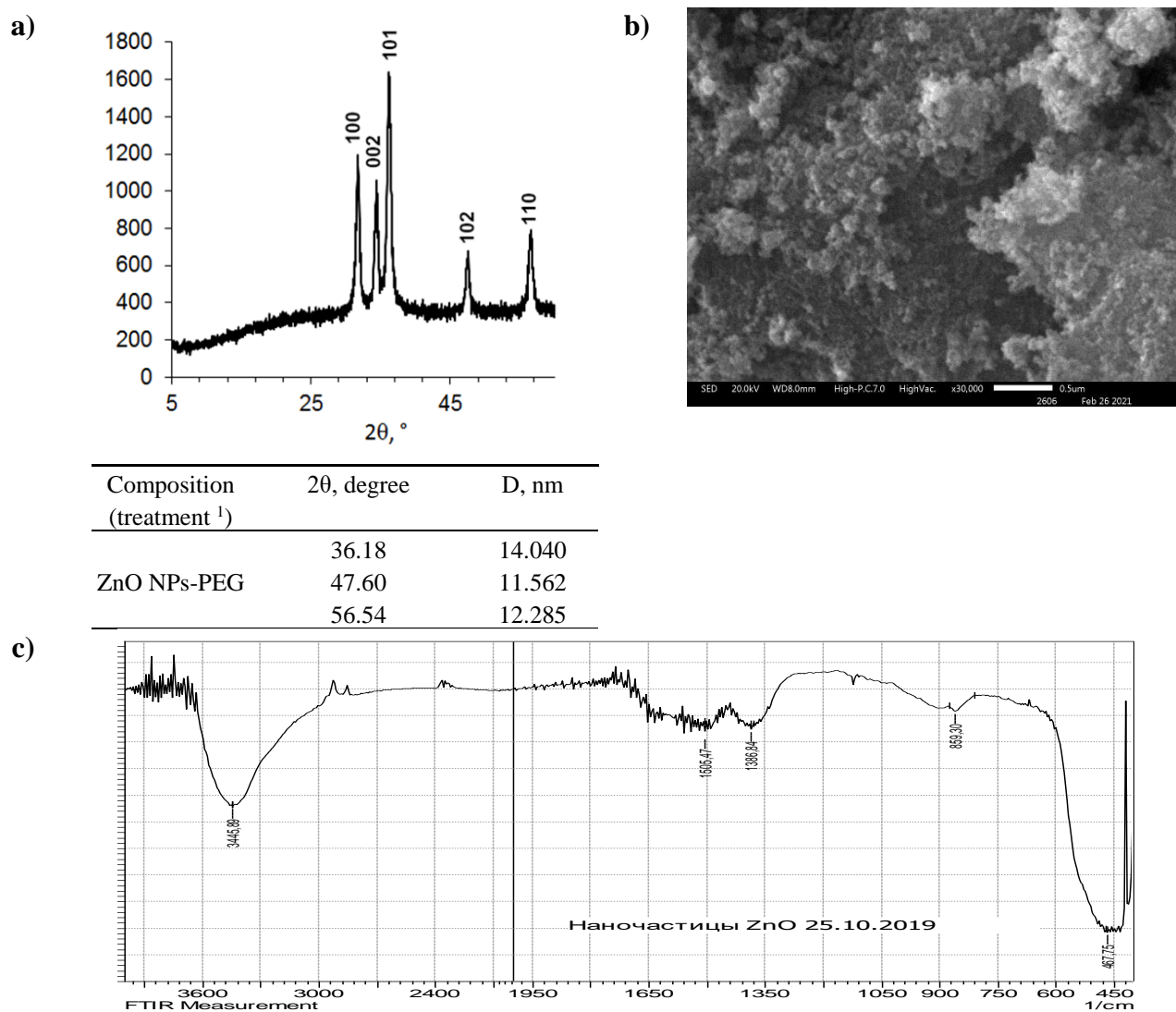


Figure S2. Properties of ZnO NPs: powder XRD pattern (a), SEM image (b), FTIR-spectrum (c).