

Supplementary Materials: Evaluation of *In Vitro* Wound-Healing Potential, Antioxidant Capacity, and Antimicrobial Activity of *Stellaria media* (L.) Vill

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Table S1. Effect of SM extract (12.5–200 µg/mL) on the migratory and proliferative activity of fibroblasts, expressed as width of the wound in the scratch assay after 0, 12, 24, 36, and 48 h (T00, T12, T24, T36, and T48, respectively). CTRL means positive control—50µg/mL Allantoin, CTRL0 means control, (untreated wound), C200 means treatment with 200 µg/mL SM extract, C100 means treatment with 100 µg/mL SM extract, C50 means treatment with 50 µg/mL SM extract, C25 means treatment with 25 µg/mL SM extract, C12.5 means treatment with 12.5 µg/mL SM extract. Data are expressed as relative ratio of cell numbers in the wounded width compared to the control for the analyzed samples (mean ± standard deviation, N = 3). Results are presented for the Sample factor * Time from bivariate analysis (ANOVA).

Wound coverage, Relative width (%)	C200	C100	C50	C25	C12.5	CTRL	CTRL0
T00	0.00d ± 0.000	0.00d ± 0.000	0.00d ± 0.000	0.00d ± 0.000	0.00d ± 0.000	0.00d ± 0.000	0.00d ± 0.000
T12	48.83b ± 11.362	40.36bc ± 14.039	39.86bc ± 9.336	47.09b ± 0.349	30.69bc ± 5.152	36.83bc ± 9.074	19.60c ± 4.949
T24	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	80.57a ± 19.432	100.00a ± 0.000	78.86a ± 21.141	24.17c ± 3.474
T36	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	91.80a ± 8.196	100.00a ± 0.000
T48	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000

Note: The different letters that accompany the mean values denote statistically significantly different mean values; these results come from the multiple comparison of the means with the Duncan test (P = 0.05) performed post hoc bivariate analysis of variance (ANOVA) (P = 0.05).

Table S2. Effect of SM extract (12.5–200 µg/mL) on the migratory and proliferative activity of fibroblasts, expressed as area of the wound in the scratch assay after 0, 12, 24, 36, and 48 h (T00, T12, T24, T36, and T48, respectively). CTRL means positive control—Allantoin 50µg/mL, and CTRL0 means control (untreated wound), C200 means treatment with 200 µg/mL SM extract, C100 means treatment with 100 µg/mL SM extract, C50 means treatment with 50 µg/mL SM extract, C25 means treatment with 25 µg/mL SM extract, C12.5 means treatment with 12.5 µg/mL SM extract. Data are expressed as the area of the wound compared to the control for the analyzed samples (mean ± standard deviation, N = 3). Results are presented for the Sample factor * Time from bivariate analysis (ANOVA).

Wound coverage, Area (%)	C200	C100	C50	C25	C12.5	CTRL	CTRL0
T00	0.00f ± 0.000	0.00f ± 0.000	0.00f ± 0.000	0.00f ± 0.000	0.00f ± 0.000	0.00f ± 0.000	0.00f ± 0.000
T12	50.54c ± 14.643	38.21cd ± 15.277	40.58cd ± 8.072	46.05c ± 0.321	31.52cd ± 5.180	37.02cd ± 9.002	10.41ef ± 0.920
T24	98.07a ± 0.133	95.00ab ± 3.799	99.75a ± 0.091	81.09ab ± 18.833	96.07ab ± 1.997	74.19b ± 20.123	23.36de ± 2.867
T36	98.65a ± 1.350	98.46a ± 1.295	99.39a ± 0.357	93.04ab ± 6.609	95.37ab ± 4.581	91.68ab ± 7.210	91.44ab ± 0.475
T48	99.87a ± 0.025	98.67a ± 1.179	99.53a ± 0.350	97.56a ± 2.387	98.49a ± 1.337	96.84a ± 3.148	92.55ab ± 0.222

Note: The different letters that accompany the mean values denote statistically significantly different mean values; these results come from the multiple comparison of the means with the Duncan test (P = 0.05) performed post hoc bivariate analysis of variance (ANOVA) (P = 0.05).

Table S3. Effect of SM extract (12.5–200 $\mu\text{g/mL}$) on the migratory and proliferative activity of fibroblasts, expressed as normalized density of cells of the wound in the scratch assay after 0, 12, 24, 36, and 48 h (T00, T12, T24, T36, and T48, respectively). CTRL means positive control—Allantoin 50 $\mu\text{g/mL}$, and CTRL0 means control (untreated wound), C200 means treatment with 200 $\mu\text{g/mL}$ SM extract, C100 means treatment with 100 $\mu\text{g/mL}$ SM extract, C50 means treatment with 50 $\mu\text{g/mL}$ SM extract, C25 means treatment with 25 $\mu\text{g/mL}$ SM extract, C12.5 means treatment with 12.5 $\mu\text{g/mL}$ SM extract. Data are expressed as normalized density of cells in the wound compared to the control for the analyzed samples (mean \pm standard deviation, N = 3). Results are presented for the Sample factor * Time from bivariate analysis (ANOVA).

Normalize Density of Cells (%)	C200	C100	C50	C25	C12.5	CTRL	CTRL0
T00	0.00i \pm 0.000	0.00i \pm 0.000	0.00i \pm 0.000	0.00i \pm 0.000	0.00i \pm 0.000	0.00i \pm 0.000	0.00i \pm 0.000
T12	57.10def \pm 14.986	53.97def \pm 15.154	38.31fgh \pm 5.421	58.13def \pm 3.333	32.42fgh \pm 8.072	36.84fgh \pm 5.181	8.93hi \pm 0.231
T24	85.34bcd \pm 9.294	132.03a \pm 9.617	113.17ab \pm 3.309	102.78abc \pm 32.427	82.78bcd \pm 7.751	57.69def \pm 3.107	14.97ghi \pm 0.057
T36	101.88abc \pm 0.743	128.88a \pm 13.043	112.40ab \pm 2.491	111.59ab \pm 24.136	91.16bc \pm 13.346	73.18cde \pm 7.901	43.36efg \pm 0.621
T48	115.74ab \pm 0.064	131.35a \pm 0.504	114.10ab \pm 3.556	116.11ab \pm 14.584	94.45bc \pm 11.783	85.68bcd \pm 8.963	55.85def \pm 1.966

Note: The different letters that accompany the mean values denote statistically significantly different mean values; these results come from the multiple comparison of the means with the Duncan test ($P = 0.05$) performed post hoc bivariate analysis of variance (ANOVA) ($P = 0.05$).