



## Article

# Resveratrol-Loaded Nanoemulsions: In Vitro Activity on Human T24 Bladder Cancer Cells

Federica Rinaldi <sup>1,†</sup>, Linda Maurizi <sup>2,†</sup>, Jacopo Forte <sup>1</sup>, Massimiliano Marazzato <sup>2</sup>, Patrizia Nadia Hanieh <sup>1</sup>, Antonietta Lucia Conte <sup>2</sup>, Maria Grazia Ammendolia <sup>3,\*</sup>, Carlotta Marianecchi <sup>1,\*</sup>, Maria Carafa <sup>1,†</sup> and Catia Longhi <sup>2,†</sup>

<sup>1</sup> Dipartimento di Chimica e Tecnologie del Farmaco, Sapienza Università di Roma, P.le A. Moro 5, 00185 Roma, Italy; federica.rinaldi@uniroma1.it (F.R.); jacopo.forte@uniroma1.it (J.F.); patrizianadia.hanieh@uniroma1.it (P.N.H.); maria.carafa@uniroma1.it (M.C.)

<sup>2</sup> Dipartimento di Sanità pubblica e Malattie infettive, Sapienza Università di Roma, P.le A. Moro 5, 00185 Roma, Italy; linda.maurizi@uniroma1.it (L.M.); massimiliano.marazzato@uniroma1.it (M.M.); antoniettalucia.conte@uniroma1.it (A.L.C.); catia.longhi@uniroma1.it (C.L.)

<sup>3</sup> Centro Nazionale Tecnologie Innovative in Sanità Pubblica, Istituto Superiore di Sanità, viale Regina Elena, 299, 00162 Rome, Italy; maria.ammendolia@iss.it

\* Correspondence: maria.ammendolia@iss.it (M.G.A.); carlotta.marianecchi@uniroma1.it (C.M.)

† These authors equally contributed to the work.

**Citation:** Rinaldi, F.; Maurizi, L.; Forte, J.; Marazzato, M.; Hanieh, P.N.; Conte, A.L.; Ammendolia, M.G.; Marianecchi, C.; Carafa, M.; Longhi, C. Resveratrol-Loaded Nanoemulsions: In Vitro Activity on Human T24 Bladder Cancer Cells. *Nanomaterials* **2021**, *11*, 1569. <https://doi.org/10.3390/nano11061569>

Academic Editor(s): Eleonore Fröhlich; Luciana Dini; Cristian Vergallo

Received: 13 May 2021  
Accepted: 10 June 2021  
Published: 15 June 2021

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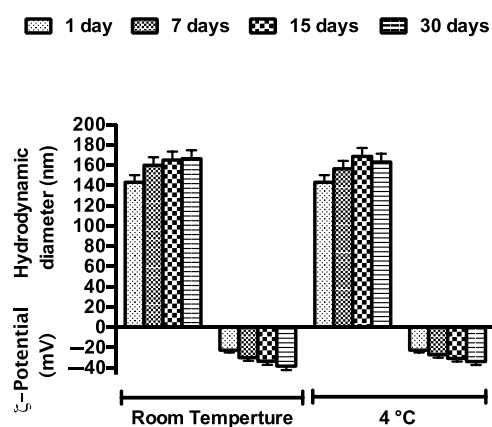


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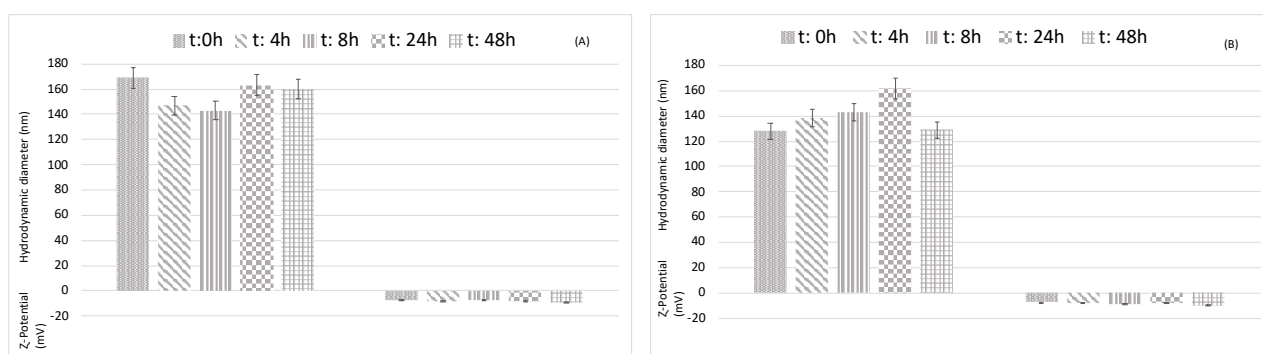
**Table 1.** Composition of all studied formulations in the ternary diagram; in bold, sample composition of the dark region.

Neem (g)	Tween 20 (g)	Hepes Buffer (g)	Neem (%w/w)	Tween 20 (%w/w)	Hepes Buffer (%w/w)
1	1	98	1	1	98
2	2	96	2	2	96
5	10	85	5	10	85
5	20	75	5	20	75
5	30	65	5	30	65
5	40	55	5	40	55
5	50	45	5	50	45
6	55	39	6	55	39
15	40	45	15	40	45
20	45	35	20	45	35
30	30	40	30	30	40
43	17	40	43	17	40
20	25	55	20	25	55
15	15	70	15	15	70
10	10	80	10	10	80
30	15	55	30	15	55
30	5	65	30	5	65
43	17	40	43	17	40
45	5	50	45	5	50
55	5	40	55	5	40
70	5	25	70	5	25
65	15	20	65	15	20
55	12	33	55	12	33
43	17	40	43	17	40
63	5	32	63	5	32
62	12	26	62	12	26
43	12	45	43	12	45
27	25	48	27	25	48
23	35	42	23	35	42
75	5	20	75	5	20
70	12	18	70	12	18
55	30	15	55	30	15
40	40	20	40	40	20
35	38	27	35	38	27
30	48	22	30	48	22
20	58	22	20	58	22
10	55	35	10	55	35
2	68	30	2	68	30
10	50	40	10	50	40
38	22	40	38	22	40
30	40	30	30	40	30
32	32	36	32	32	36
45	30	25	45	30	25
45	25	30	45	25	30
55	20	25	55	20	25
65	15	20	65	15	20
70	20	10	70	20	10

20	52	28	20	52	28
8	62	30	8	62	30
25	55	20	25	55	20
85	5	10	85	5	10
75	15	10	75	15	10
65	25	10	65	25	10
55	35	10	55	35	10
55	40	5	55	40	5
45	50	5	45	50	5
20	70	10	20	70	10
10	65	25	10	65	25
5	75	20	5	75	20
30	60	10	30	60	10
35	50	15	35	50	15
15	80	5	15	80	5
5	90	5	5	90	5
32	41	26	32	41	26
14	62	24	14	62	24
47	40	13	47	40	13
90	5	5	90	5	5
5	80	15	5	80	15
2	96	2	2	96	2



**Figure S1.** Stability studies of NT in terms of variation of hydrodynamic diameter and  $\zeta$ -potential up to 30 days at two different storage temperatures.



**Figure S2.** Biological stability studies of NR (A) and NT (B) in terms of variation of hydrodynamic diameter and  $\zeta$ -potential up to 48 h at the temperature of 37 °C. .