

**Supplemental Table S1**

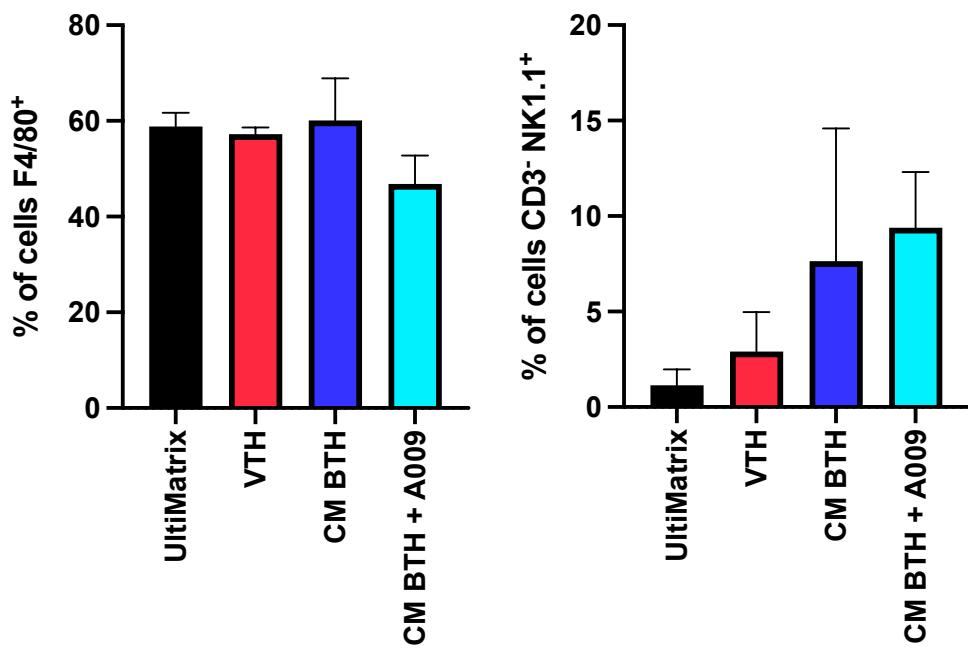
PHENOLIC COMPOUND	A009 (g/L)
Hydroxytyrosol glucoside	1,69
Hydroxytyrosol	5,72
Tyrosol	ND
Chlorogenic acid	0,10
b-hydroxyverbascoside isomer 1	0,14
b-hydroxyverbascoside isomer 2	0,17
Verbascoside	1,32
Caffeoyl ester of secologanoside	0,20
Decarboxymethyleuropein aglycon	0,28
Oleuropein aglycon	0,22
6'-p-coumaroyl secologanoside	0,40
Rutin	ND
Luteolin-7-o-glucoside	ND

## **Supplemental table S2**

### *Treatment schedule MTT BT549, MDAMB231, H9C2*

	<b>T1 (24h)</b>	<b>T2 (48h)</b>	<b>T3 (72h)</b>
<b>1</b>	NT	NT	NT
<b>2</b>	DMSO	DMSO	DMSO
<b>3</b>	EtOH	EtOH	EtOH
<b>4</b>	5-FU	5-FU	5-FU
<b>5</b>	DOXO	DOXO	DOXO
<b>6</b>	Hyt	Hyt	Hyt
<b>7</b>	Hyt	5-FU	5-FU
<b>8</b>	Hyt	DOXO	DOXO
<b>9</b>	Hyt	Hyt + 5-FU	Hyt + 5-FU
<b>10</b>	Hyt	Hyt + DOXO	Hyt + DOXO
<b>11</b>	A009	A009	A009
<b>10</b>	A009	5-FU	5-FU
<b>11</b>	A009	DOXO	DOXO
<b>12</b>	A009	A009 + 5-FU	A009 + 5-FU
<b>13</b>	A009	A009 + DOXO	A009 + DOXO

## Supplemental figure 1



**Supplemental Table S3**

TYPE OF MALFORMATION AT 24 hpf	NT	Doxo	A009 1:500	A009 1:1000	A009 1:500 + Doxo	A009 1:1000 + Doxo
IS-YS	0	0,7	0	0	0,3	0,5
M.HT	0%	60%	0%	0%	40%	40%
IS-TA	0%	60%	0%	0%	20%	20%
MT	0%	20%	0%	0%		0%
YS-DE	0%	50%	0%	0%	10%	20%
SWB-DE	0%	70%	0%	0%		10%
PE	0%	70%	0%	0%	40%	60%
IS-BR	0%	60%	0%	0%	10%	0%

**Supplemental Table S4**

TYPE OF MALFORMATION AT 48 hpf	NT	Doxo	A009 1:500	A009 1:1000	A009 1:500 + Doxo	A009 1:1000 + Doxo
IS-YS	0	0,8	0	0	0,4	0,6
M.HT	0%	50%	0%	0%	40%	30%
IS-TA	0%	70%	0%	0%	30%	40%
MT	0%	30%	0%	0%	20%	0%
YS-DE	0%	30%	0%	0%	0%	10%
SWB-DE	0%	60%	0%	0%	40%	50%
PE	0%	100%	0%	0%	60%	70%
IS-BR	0%	20%	0%	0%	10%	0%