

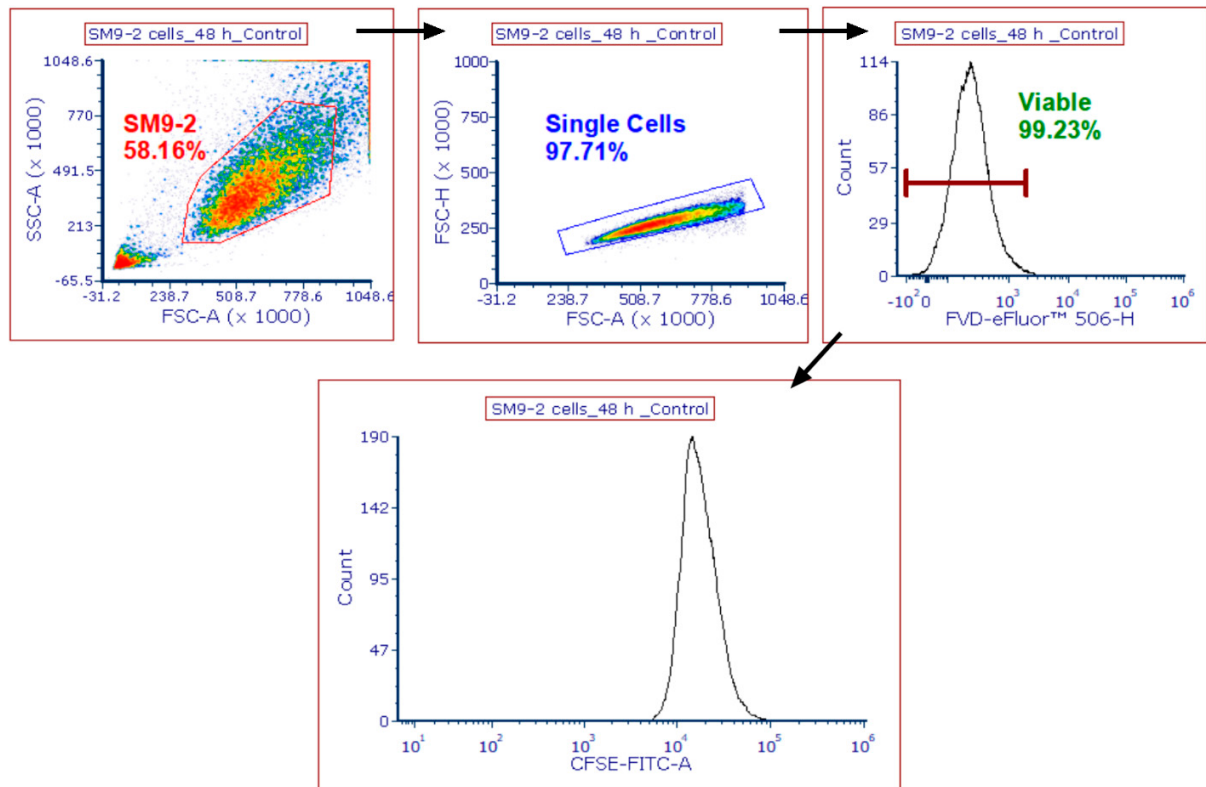


Figure S1. Gating strategy related to CFSE-based proliferation assay.

Table S1. List of the primers used for the qPCR.

Gene	Forward primer	Reverse primer
<i>Bcl-2</i>	GGTGAAGTGGGGGAGGATTG	GCATGCTGGGGCCATATAGT
<i>Casp-3</i>	GAGGCTGACTTCCTGTATGCTT	AACCACGACCCGTCCTTT
<i>Ccl2</i>	GGCTGGAGAGCTACAAGAGG	TCTTGAGCTTGGTGACAAAAAC
<i>Fos</i>	ACAGATCTGCGCAAAAGTCC	CAGCCTTTCCTACTACCATTCC
<i>Esr1</i>	TTACGAAGTGGGCATGATGA	CCTGAAGCACCCATTTTCATT
<i>Essra</i>	AGGTGGACCTTTGCCTTTC	CAGGTTCAACCACCAGCAGA
<i>Fas</i>	GGAGACAGGATGACCCTGAA	AGCAGCTGGACTTTCTGCTC
<i>Hdc</i>	TGGTGCCTGTGTTTGTCTGT	TACTCGATGCCCTCCAGGAA
<i>Hmox1</i>	AGGCTAAGACCGCCTTCTCT	TGTGTTCTCTGTGTCAGCATCA
<i>Hsd3b1</i>	TGCAGACAAAGACCAAGGTG	CTTGAACACAGGCCTCCAAT
<i>Il13</i>	CGGTGCCAAGATCTGTGTCT	GTTGGTCAGGGAATCCAGGG
<i>Il6</i>	TACCACTTCACAAGTCGGAGGC	CTGCAAGTGCATCATCGTTGTTC
<i>Ki67</i>	GCTGTCCTCAAGACAATCATCA	GGCGTTATCCCAGGAGACT
<i>Mcpt2</i>	CCAGGACAGCAACACCCTAG	TAGGCCATGTAAGGACGGGA
<i>Mif1</i>	GAACCGCAACTACAGTAAGCTGC	ACGTTGGCAGCGTTCATGTCGT
<i>Mmp2</i>	CATCGCCCATCATCAAGTTC	AAAGCATCATCCACGGTTTC
<i>Pparg</i>	AAGAGCTGACCCAATGGTTG	GCATCCTTCACAAGCATGAA
<i>Psm4</i>	CCATCAACCAGCAGGAGTTTGG	CTGGCATCCATGTCAGCCGATT
<i>Sgk1</i>	CTCCCTAAACATCGTTTATAGAGAC	AAGTCAGTGAGGACGATGTG
<i>Sod1</i>	CCATCAGTATGGGGACAATACA	GGTCTCCAACATGCCTCTCT
<i>Stat3</i>	GTTCTGGCACCTTGATT	CAACGTGGCATGTGACTCTT
<i>Tgfb1</i>	TGATACGCCTGAGTGGCTGTCT	CACAAGAGCAGTGAGCGCTGAA
<i>Timp1</i>	GCAAAGAGCTTTCTCAAAGACC	AGGGATAGATAAACAGGGAAACACT
<i>Timp3</i>	CACGGAAGCCTCTGAAAGTC	TCCACCTCTCCACAAAGTT
<i>Tnfa</i>	ATGGCCTCCCTCTCATCAGT	AAGGTACAACCCATCGGCTG
<i>Tpb</i>	GCTCTGGAATTGTACCGCAG	TGACTGCAGCAAATCGCTTG
<i>Vegfa</i>	ACTGGACCTGGCTTTACTG	TCTGCTCTCCTTCTGTCGTG

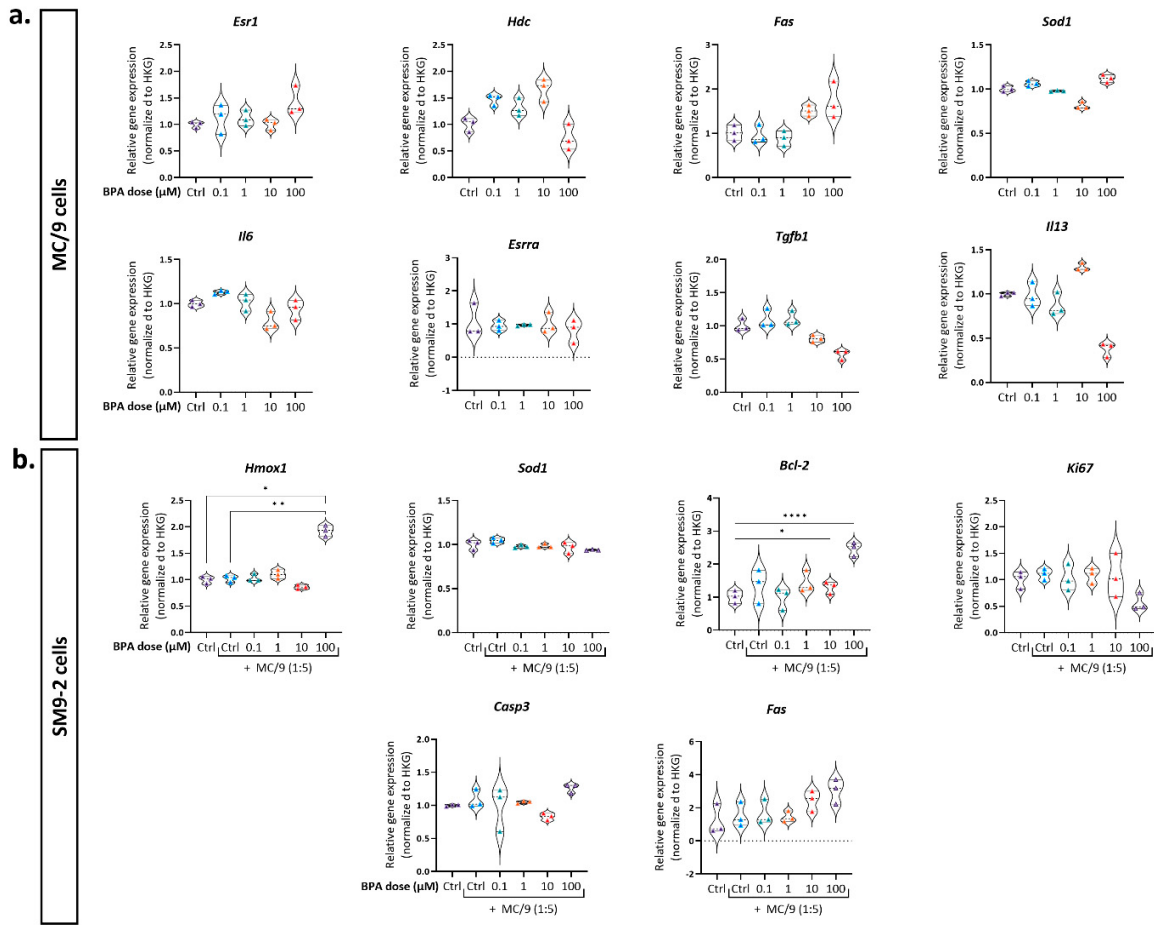


Figure S2. Additional results on BPA impact on the gene expression of MC/9 and SM9-2 cells following 24 h coculture. Violin plots show the results of qPCR analysis of total mRNA isolated from MC/9 (a) and SM9-2 (b) cells after 24 h exposure to BPA, investigating the expression of genes related to immune mediators and oxidative stress (*Mif1*, *Tgfb1*, *Il6*, *Il13*, *Hmox1*, *Sod1*), estrogen receptor (*Esr1*, *Essra*), mast cell activity (*Hdc*), and cell death (*Fas*, *Bcl-2*, *Casp3*) and proliferation (*Ki67*). Individual values represent the mean relative expression deriving from three technical replicates of single independent experiments ($n=3$), calculated as $2^{-\Delta\Delta C_t}$. Ct values were normalized to the geometric mean of the expression of two housekeeping genes (HKG; *Psm4* and *Tbp*). Statistical analysis was performed using repetitive measures ANOVA, and all groups' means were compared to each other using Tukey's multiple comparison post hoc test. Statistical significance was defined as $p < 0.05$. p value: * = < 0.05 ; ** = < 0.001 ; *** = < 0.00001 . HKG, housekeeping genes; BPA, Bisphenol A; *Esr1*, estrogen receptor alpha; *Hdc*, histidine decarboxylase; *Fas*, fas cell surface death receptor; *Sod1*, superoxide dismutase 1; *Il6*, interleukin 6; *Essra*, estrogen related receptor alpha; *Tgfb1*, transforming growth factor beta 1; *Il13*, interleukin 13; *Hmox1*, heme oxygenase 1; *Bcl-2*, apoptosis regulator B-cell lymphoma-2; *Casp3*, caspase 3; *Ki67*, antigen kiel 67; *Psm4*, 26S proteasome non-ATPase regulatory subunit 4; *Tbp*, TATA box binding protein.