

**Nanoemulsions of *Jasminum humile* L. and *Jasminum grandiflorum* L.
essential oils: an approach to enhance their cytotoxic and antiviral effects**

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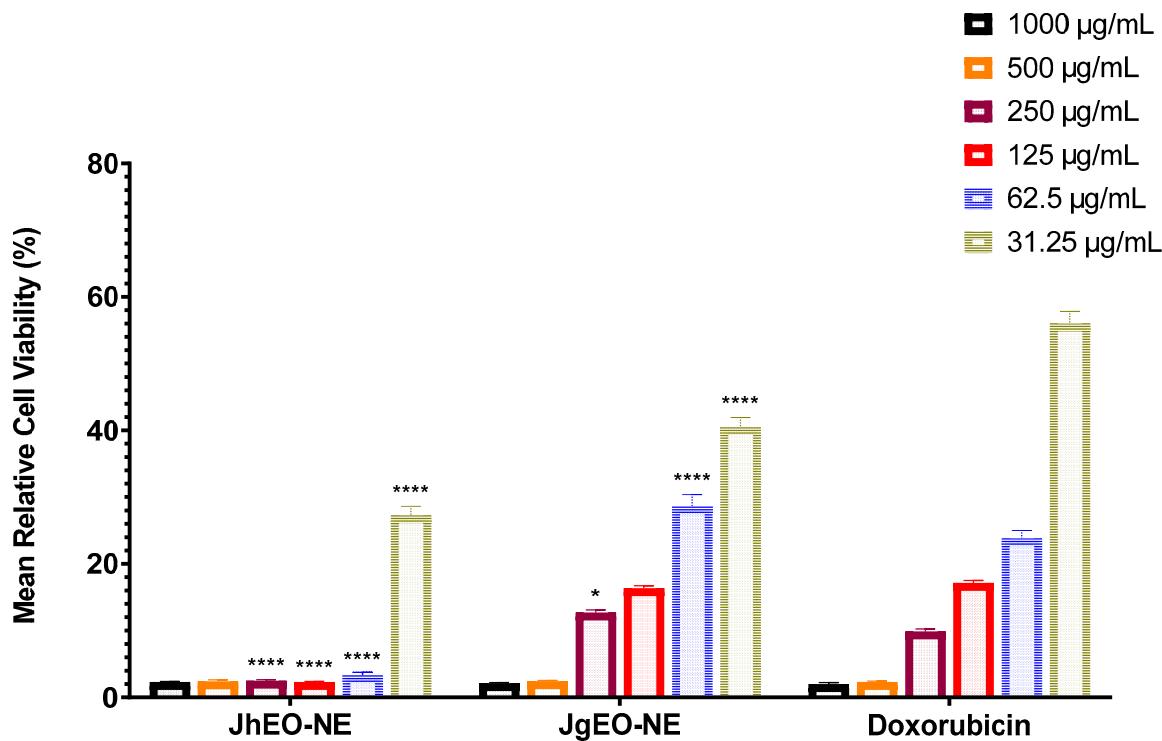


Figure S1. Cytotoxic activity of various concentrations the nanoemulsion formulations of the essential oils obtained from *Jasminum humile* L. (JhEO-NE) and *Jasminum grandiflorum* L. (JgEO-NE) as well as standard doxorubicin against the leukemia cell line, HepG-2. Bar graphs represent the mean \pm SEM of 3 determinations. Asterisks show statistical significance ($p \leq 0.05$) compared to the reference drug doxorubicin. (*) denotes $p \leq 0.05$. (**) denotes $p \leq 0.01$. (***) denotes $p \leq 0.001$. (****) denotes $p \leq 0.0001$.

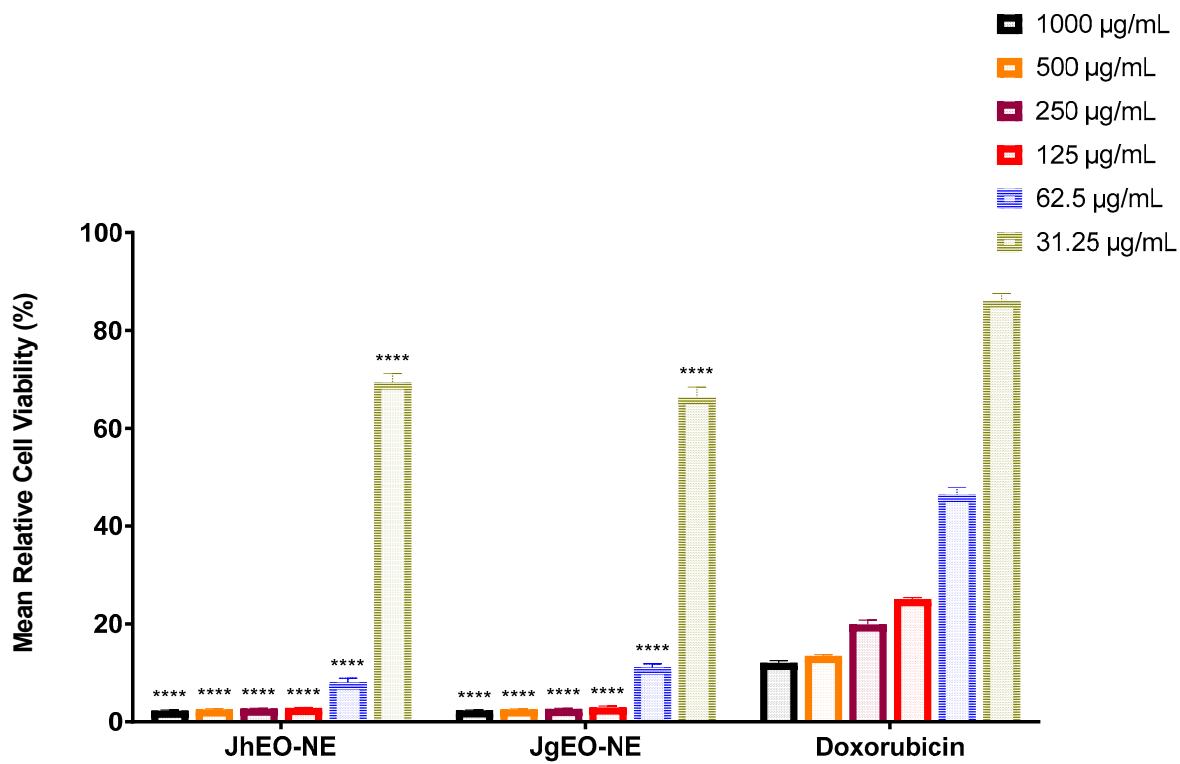


Figure S2. Cytotoxic activity of various concentrations of the nanoemulsion formulations of the essential oils obtained from *Jasminum humile* L. (JhEO-NE) and *Jasminum grandiflorum* L. (JgEO-NE) as well as standard doxorubicin against the leukemia cell line, MCF-7. Bar graphs represent the mean \pm SEM of 3 determinations. Asterisks show statistical significance ($p \leq 0.05$) compared to the reference drug doxorubicin. (*) denotes $p \leq 0.05$. (**) denotes $p \leq 0.01$. (***) denotes $p \leq 0.001$. (****) denotes $p \leq 0.0001$.

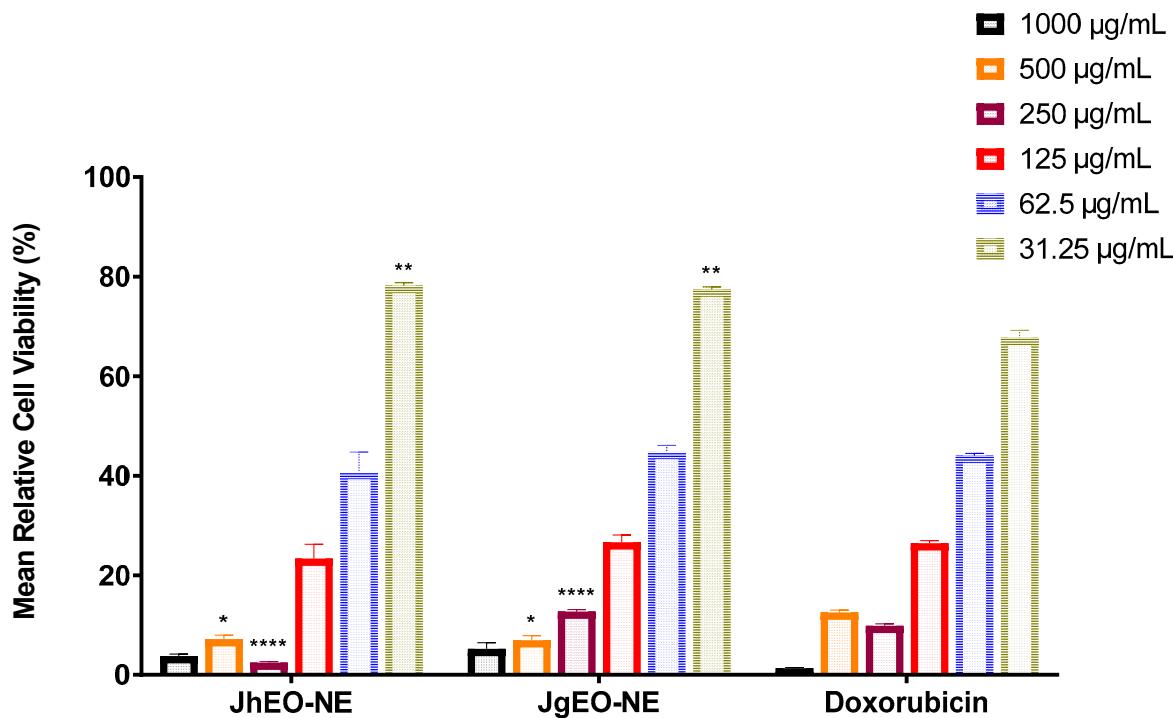


Figure S3. Cytotoxic activity of various concentrations of the nanoemulsion formulations of the essential oils obtained from *Jasminum humile* L. (JhEO-NE) and *Jasminum grandiflorum* L. (JgEO-NE) as well as standard doxorubicin against the leukemia cell line, THP-1. Bar graphs represent the mean \pm SEM of 3 determinations. Asterisks show statistical significance ($p \leq 0.05$) compared to the reference drug doxorubicin. (*) denotes $p \leq 0.05$. (**) denotes $p \leq 0.01$. (***) denotes $p \leq 0.001$. (****) denotes $p \leq 0.0001$.

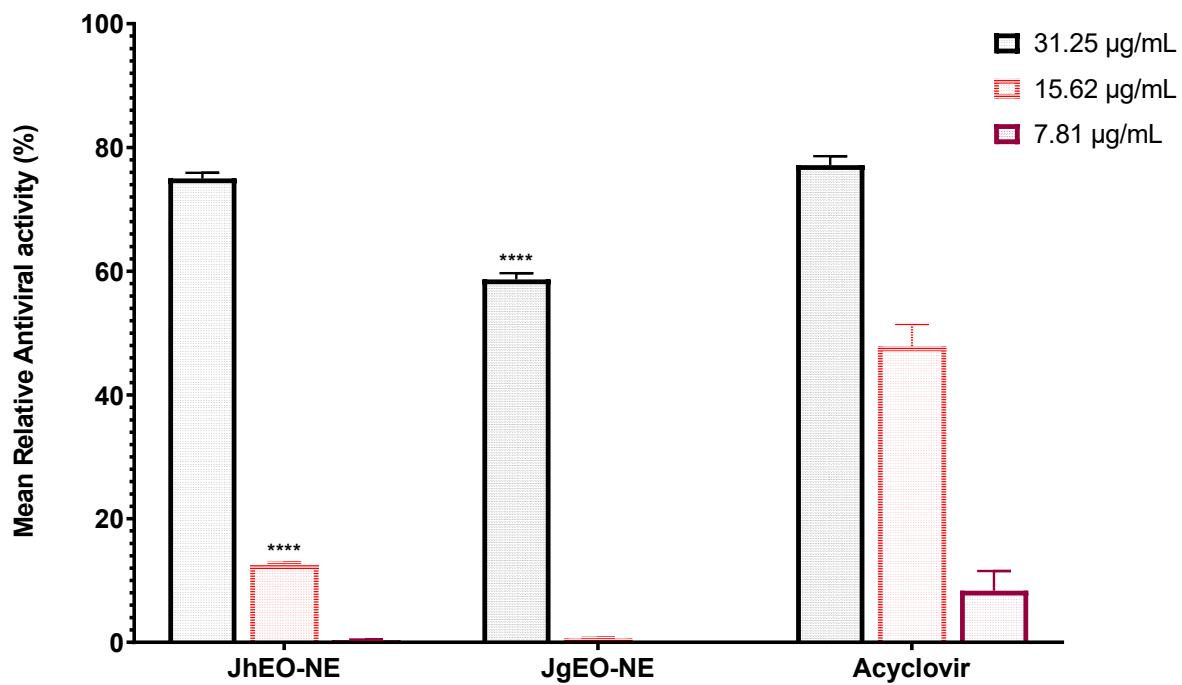


Figure S4. Antiviral activity of various concentrations of the nanoemulsion formulations of the essential oils obtained from *Jasminum humile* L. (JhEO-NE) and *Jasminum grandiflorum* L. (JgEO-NE) as well as standard doxorubicin against HAV virus. Bar graphs represent the mean \pm SEM of 3 determinations. Asterisks show statistical significance ($p \leq 0.05$) compared to the reference drug doxorubicin. (*) denotes $p \leq 0.05$. (**) denotes $p \leq 0.01$. (***) denotes $p \leq 0.001$. (****) denotes $p \leq 0.0001$.

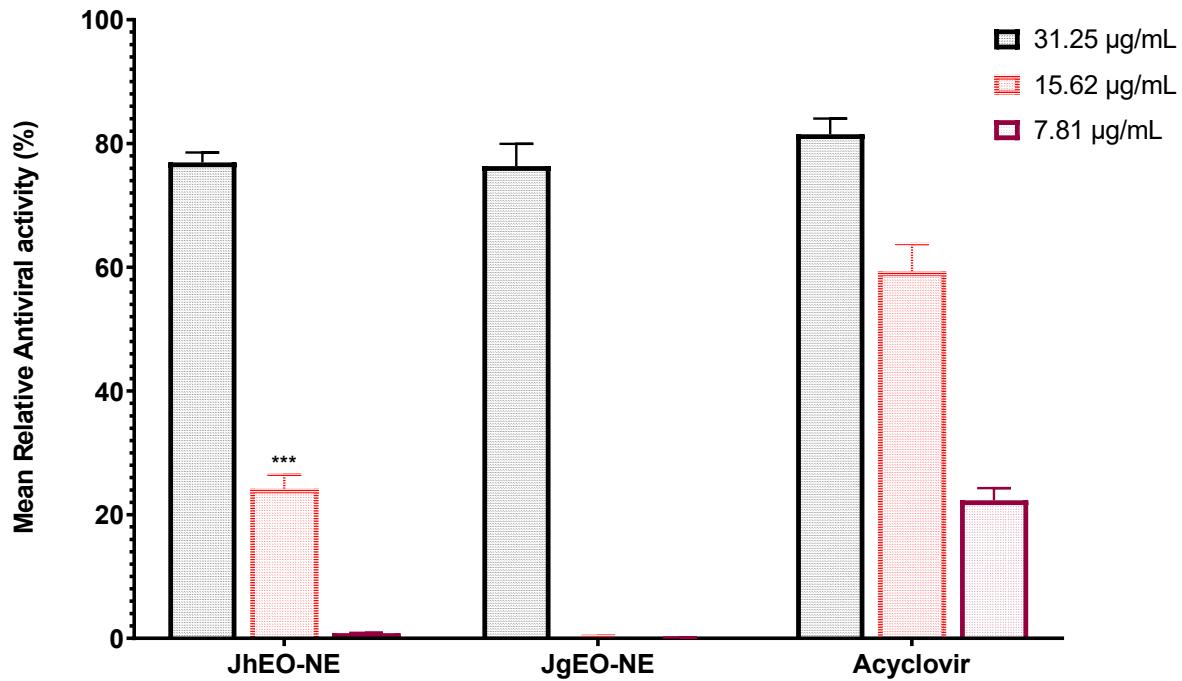


Figure S5. Antiviral activity of various concentrations of the nanoemulsion formulations of the essential oils obtained from *Jasminum humile* L. (JhEO-NE) and *Jasminum grandiflorum* L. (JgEO-NE) as well as standard doxorubicin against HSV-1 virus. Bar graphs represent the mean \pm SEM of 3 determinations. Asterisks show statistical significance ($p \leq 0.05$) compared to the reference drug doxorubicin. (*) denotes $p \leq 0.05$. (**) denotes $p \leq 0.01$. (***) denotes $p \leq 0.001$. (****) denotes $p \leq 0.0001$.