



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Journal of Advances in Medical and Pharmaceutical Sciences</a>                                                                    |
| Manuscript Number:       | Ms_JAMPS_20550                                                                                                                                |
| Title of the Manuscript: | Assessment of thrombolytic activity of selected species from Lamiaceae family growing naturally in Kurdistan Region\Iraq using In-vitro model |
| Type of the Article      | Original Research Article                                                                                                                     |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                     | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| <b>Compulsory</b> REVISION comments | Discussion has been poorly described. Authors should cite articles describing the thrombolytic activity of plant extracts and compare their own results with results of other researchers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Very good comment [But in case of my research there were no previous work about this biological activity of the plant]                                                        |
| <b>Minor</b> REVISION comments      | <p><b>line 9</b> is: “..Lamiacea..”, should be: “..Lamiaceae..”</p> <p><b>line 11</b> is: “..of (200, 400, 600, 800 and 1000 mcg\ml)..”, should be: “..of 200, 400, 600, 800 and 1000 µg\mL..”</p> <p><b>line 12</b> is: “..negative respectively..”, should be: “..negative, respectively.”</p> <p><b>line 12</b> is: “..showed..”, should be: “..The studies showed..”</p> <p><b>line 12</b> is: “..all tested concentration..”, should be: “..all tested concentrations..”</p> <p><b>line 13</b> is: “..with control negative distilled water (p value &lt; 0.01)..”, should be: “..with negative control (P &lt; 0.01)..”</p> <p><b>line 13</b> is: “..for the <i>Salvia</i>..”, should be: “..for <i>Salvia</i>..”</p> <p><b>line 13</b> is: “..(68.43333±1.457 %)..”, should be: “..(68.43±1.46 %)..”</p> <p><b>line 14</b> is: “..(49.27333±3.256 %)..”, should be: “..(49.27±3.26 %)..”</p> <p><b>line 15</b> is: “..with control positive streptokinase (p value &lt; 0.05)..”, should be: “..with positive control (P &lt; 0.05)..”</p> <p><b>line 15</b> is: “..(1000 mcg\ml)..”, should be: “..(1000 µg\mL)..”</p> <p><b>line 22</b> is: “..more than (80%)..”, should be: “..more than 80%..”</p> <p><b>line 26</b> is: “..system, thrombolytic..”, should be: “..system. Thrombolytic..”</p> <p><b>line 27</b> is: “..(t-PA) used..”, should be: “..(t-PA) are used..”</p> <p><b>line 32</b> is: “..of them were aromatic..”, should be: “..of them are aromatic..”</p> <p><b>line 34</b> is: “..flavonoid..”, should be: “..flavonoids..”</p> | Thanks for nice rearranging of the manuscript {Important notes}                                                                                                               |



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|  | <p><b>line 36</b> is: "These plants were chiefly used as antimicrobial, antioxidant and digestive system ailments such as spasmolytic and carminative.", should be: "These plants are chiefly used as antimicrobial and antioxidant agents. In digestive system ailments they are applied as spasmolytic and carminative agents."</p> <p><b>line 37</b> is: "...have variant polyphenolic acid quantities..", should be: "...contain various amounts of polyphenolic acids.."</p> <p><b>line 44</b> is: "...<i>Salvia officinalis</i> (SO), <i>Rosmarinus officinalis</i> (RO) and <i>Thymus vulgaris</i> (TV).." remove abbreviations in brackets, they are not used in the manuscript text</p> <p><b>line 50</b> is: "...by Alupuli et al, 2009 using..", should be: "...by Alupuli et al. [13] using.."</p> <p><b>lines 52-53</b> is: "...concentrations of [200, 400, 600, 800 and 1000 mcg/ml]..", should be: "...concentrations of 200, 400, 600, 800 and 1000 µg/mL.."</p> <p><b>line 59</b> is: "...100µL (30,000 I.U) was used for in-vitro..", should be: "...100 µL (30,000 I.U) was used for <i>in-vitro</i>.."</p> <p><b>line 62</b> is: "... (0.5 ml) of blood sample were..", should be: "...Blood samples (0.5 mL) were.."</p> <p><b>line 66</b> is: "...assay were carried out according to described method by Dagainawala et al, 2006 and Sweta et al, 2007 [14,15]..", should be: "...assay was carried out according to Dagainawala et al. [14] and Sweta et al. [15].."</p> <p><b>line 67</b> is: "...tube were..", should be: "...tube was.."</p> <p><b>lines 67, 73</b> is: "...at 37 0 C..", should be: "...37 °C.."</p> <p><b>line 72</b> is: "...Aliquot of (100 µl) of..", should be: "...Aliquot of 100 µl of.."</p> <p><b>line 73</b> is: "...After incubation periods the released..", should be: "...After incubation, released.."</p> <p><b>line 74-76</b> is: "Control positive .....respectively.", should be: "Positive control (Streptokinase, SK) and negative control (distilled water) were included in the study."</p> <p><b>line 84</b> is: "... (P value=.05) ..", should be: "... (<math>P &lt; 0.05</math>) .." - the result is statistically significant when <math>P &lt; 0.05</math></p> <p><b>line 86</b> is: "...In-vitro..", should be: "...<i>In-vitro</i>.."</p> |  |
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|  | <p><b>line 87</b> is: “..of (1000 mcg\ml)..”, should be: “..of 1000 µg\mL..”</p> <p><b>lines 87-88</b> is: “..(Table.1.) and (Figure.1.) ...”, should be: “..(Table 1 and Figure 1)..”</p> <p><b>lines 88, 90</b> is: “..activity were..”, should be: “..activities were..”</p> <p><b>line 89</b> is: “..with control negative [distilled water] (P value &lt;.001) (Table.2.)...”, should be: “..with negative control (P &lt; 0.001) (Table. 2)...”</p> <p><b>lines 90, 98</b> is: “..<i>Salvia officinalis</i>..”, should be: “..<i>S. officinalis</i>..”</p> <p><b>lines 90, 98</b> is: “..<i>Thymus vulgaris</i>..”, should be: “..<i>T. vulgaris</i>..”</p> <p><b>line 91</b> is: “..at (1000 mcg\ml) concentration [P value =.05]..”, should be: “..at concentration of 1000 µg\mL (P &lt; 0.05)..”</p> <p><b>lines 92-94</b> is: “..from.....(1000 mcg\ml)..”, should be: “..from (19.53±0.78 %) for <i>R. officinalis</i> at concentration of 200 µg\ml) to the highest activity (68.43±1.46 %) for <i>S. officinalis</i> at concentration of 1000 µg\mL..”</p> <p><b>lines 94-95</b> is: “..as (<i>Salvia officinalis</i> &gt; <i>Thymus vulgaris</i> &gt; <i>Rosmarinus officinalis</i>)...”, should be: “..as <i>S. officinalis</i> &gt; <i>T. vulgaris</i> &gt; <i>R. officinalis</i>...”,..”</p> <p><b>lines 95-97</b> is: “From literatures the rosmarinic acid phenolic acid is a characteristic phytochemical constituent of Labiata family plant which is responsible for thrombolytic activity of the plants” – which acid is responsible for this activity? Rosmarinic or phenolic?</p> <p><b>line 97</b> is: “..Reported quantity of rosmarinic acid..”, should be: “..It was reported that the quantities of rosmarinic acid..”</p> <p><b>line 99</b> is: “..<i>Rosmarinus officinalis</i>..”, should be: “..<i>R. officinalis</i>..”</p> <p><b>lines 101-102</b> is: “Table.1: Thrombolytic activity of <i>Salvia officinalis</i>, <i>Thymus vulgaris</i> and <i>Rosmarinus officinalis</i> at different concentration ranges:”, should be: “Table1. Thrombolytic activity of <i>Salvia officinalis</i>, <i>Thymus vulgaris</i> and <i>Rosmarinus officinalis</i> extracts”</p> <p><b>Table 1</b></p> <ul style="list-style-type: none"> <li>- remove mcg\ml, write this unit [µg\mL] under the word Concentration</li> <li>- the number should be reduced to two decimal places, for example is: 50.49334± 0.83 , should be: 50.49± 0.83</li> </ul> |  |
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|                                                    | <p><b>line 104</b> is: " Table.2: Thrombolytic activity of negative and positive control:", should be: "Table 2. Thrombolytic activity of negative and positive control"</p> <p><b>Table 2</b></p> <ul style="list-style-type: none"><li>- is SK, should be: Streptokinase</li><li>- the number should be reduced to two decimal places</li></ul> <p><b>Figure 1</b></p> <ul style="list-style-type: none"><li>- is "Concentration (mcg\ml)", should be: "Concentration [<math>\mu</math>g\mL]"</li></ul> <p><b>line 112</b> is: "..Lamiacea..", should be: "..Lamiaceae.."</p> <p><b>line 115</b> is: "..patientsfor..", should be: "..patients for.."</p> |  |
| <p><b><u>Optional/General</u></b><br/>comments</p> | <p>This manuscript requires corrections.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |