Predictive Value of Pin1 in Cervical Low-Grade Squamous Intraepithelial Lesions and Inhibition of Pin1 Exerts Potent Anticancer Activity against Human Cervical Cancer

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### Supplementary Table 1. P16 and Ki67 expression according to Pin1 statuses in SILs.

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>LSIL</th>
<th></th>
<th></th>
<th>HSIL</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>P16</td>
<td>No.</td>
<td>Pin1</td>
<td>Pin1</td>
<td>P value</td>
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<tr>
<td></td>
<td></td>
<td>No. (%)</td>
<td>Negative</td>
<td>Positive</td>
<td>(%)</td>
<td>No. (%)</td>
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<tr>
<td>p16 Negative</td>
<td>23</td>
<td>14</td>
<td>1</td>
<td>9</td>
<td>0.270</td>
<td>1</td>
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<tr>
<td>p16 Positive</td>
<td>49</td>
<td>23</td>
<td>26</td>
<td>26</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Ki67 1%-25%</td>
<td>11</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Ki67 25%-50%</td>
<td>10</td>
<td>7</td>
<td>3</td>
<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>Ki67 50%-75%</td>
<td>23</td>
<td>9</td>
<td>14</td>
<td>5</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Ki67 &gt;75%</td>
<td>28</td>
<td>11</td>
<td>17</td>
<td>5</td>
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</table>

### Supplementary Table 2. Clinical trials of SIL patients.

<table>
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<th>P value</th>
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<tbody>
<tr>
<td>Age (years)</td>
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<td>&lt;50</td>
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<td>0.076</td>
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<tr>
<td>≥50</td>
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<td>7</td>
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<td>MIC/invasive cancer</td>
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<td>Transformation zones</td>
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Supplement Figure 1. H&E stain and IHC findings in LSIL, HSIL and SCC. (A-I) Representative images of hematoxylin and eosin (HE) staining and p16 & Ki67 immunostaining of LSIL, HSIL and cervical cancer tissues. Scale bar = 50 μm.