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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the **conception of the study**: Masao Nakagawa and Masao Seto

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

- Masao Nakagawa, Shinobu Tsuzuki, Keiichiro Honma, Osamu Taguchi were responsible for in vitro and in vivo experiments and data collection and analysis.
- Osamu Taguchi especially contributed to pathological analysis.
- Masao Nakagawa and Masao Seto were responsible for drafting the article.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- Masao Nakagawa, Shinobu Tsuzuki, Keiichiro Honma were responsible for Figure 1
- Masao Nakagawa, Shinobu Tsuzuki, Keiichiro Honma, Osamu Taguchi were responsible for Figure 2
- Masao Nakagawa, Shinobu Tsuzuki, Keiichiro Honma were responsible for Figure 3
- Masao Nakagawa, Shinobu Tsuzuki, Keiichiro Honma, Osamu Taguchi were responsible for Figure 4

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:

- Masao Nakagawa and Masao Seto were responsible for writing the manuscript

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