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

1) Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:
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2) Authors who participated in the conception of the study: Francesco Zaja, Renato Fanin

3) Design & Methods. The following authors were responsible for specific investigations (please detail):
   • Francesco Zaja was responsible for design of the study
   • Angelo Vacca was responsible for biological studies (design and methods)
   • Roberto Ria was responsible for biological studies (design and methods)
   • Chiara Monagheddu was responsible for statistic (design and methods)
   • Stefano A. Pileri was responsible for histological revision
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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):
   • Francesco Zaja was responsible for data analysis and all tables
   • Chiara Monagheddu was responsible for statistical analysis and all figures
• Roberto Ria and Angelo Vacca were responsible for interpretation of the results of the biological studies

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

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