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To whom it may concern

This is to certify Miss **Kandati Kusuma**, a dedicated and diligent researcher under my supervision, has successfully conducted the research work titled " **Role of probiotics in mitigating cisplatin induced toxicity in a rat model**" as part of her academic pursuits.

Cervical cancer is the fourth most common cancer in the world and the fourth leading cause of death from cancer in women. However, it is still the second most common cause of cancer incidence and mortality in developing countries including India. Currently, the standard treatment of locally advanced cervical cancer is definitive chemoradiation therapy with pelvic radiotherapy and concurrent cisplatin-based chemotherapy. Cisplatin-based chemotherapy, on the other hand, might have serious side effects and these can be life-threatening in rare instances. Scientists are working feverishly to lessen these negative effects and are investigating a variety of approaches. Combining cisplatin-based chemotherapy with probiotics is a unique approach that still has to be proven in clinical studies among the various approaches. In this work, we focused on the role of probiotics in minimizing the side effects of cisplatin in a rat model. The findings are intriguing, supporting the preventive role of probiotics in lowering the side effects of cisplatin, in particular.

I am pleased to provide my unequivocal endorsement that she is the primary author and contributor to the research work described herein. She has made a valuable contribution to the field of Probiotics for Cancer management. As evidence of her accomplishments, I would like to provide the citation for the research work, which has received 14 citations in a short time.

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