CLAIMS

I/we claim:

1. A use of ketamine for manufacturing a medicament for treating cachexia induced by a chemotherapy drug for treating a cancer in a human subject.
2. The use of claim 1, wherein a human dose of the ketamine is 1-100 mg/60 kg per week.
3. The use of claim 1, wherein the ketamine is administered parenterally.
4. The use of claim 1, wherein the ketamine improves the loss of weight due to cachexia in the subject.
5. The use of claim 1, wherein the ketamine increases survival rate of the subject.
6. The use of claim 1, wherein the chemotherapy drug is 5-Fluorouracil (5-FU).
7. A pharmaceutical combination for treating a cancer, including: 5-FU, ketamine, and a pharmaceutically acceptable carrier; wherein a human dose of the ketamine is 1-100 mg/60 kg per week.
8. The pharmaceutical combination of claim 7, wherein the ketamine and the 5-FU are administered concurrently or separately.