

## **Research Center for Medical Sciences GMP Production Facilities for Cell Therapy and Gene Therapy**

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### **General Summary**

This facility was established for clinical studies based on cell therapy, gene therapy, and regenerative medicine. Cell products are generated here on the standard of Good Manufacturing Practice for safe administration to the patients of clinical studies. Specified regulation and education have been performed strictly for maintenance of the Good Manufacturing Practice standard in this facility.

### **Research Activities**

Two cell therapy projects — a dendritic cell vaccine against malignant gliomas and a regenerative medicine using a nasal epithelial cell sheet in pearl tumor treatment — have been performed with this cell processing center under the regulation of a new law, the Regenerative Medicine Safety Assurance Act. A new facility for the cell processing center is now being built on the 6<sup>th</sup> floor of the new hospital building for outpatients. The design of the new cell processing center has been completed this year. The present facility will be closed when the new facility is opened in 2020.