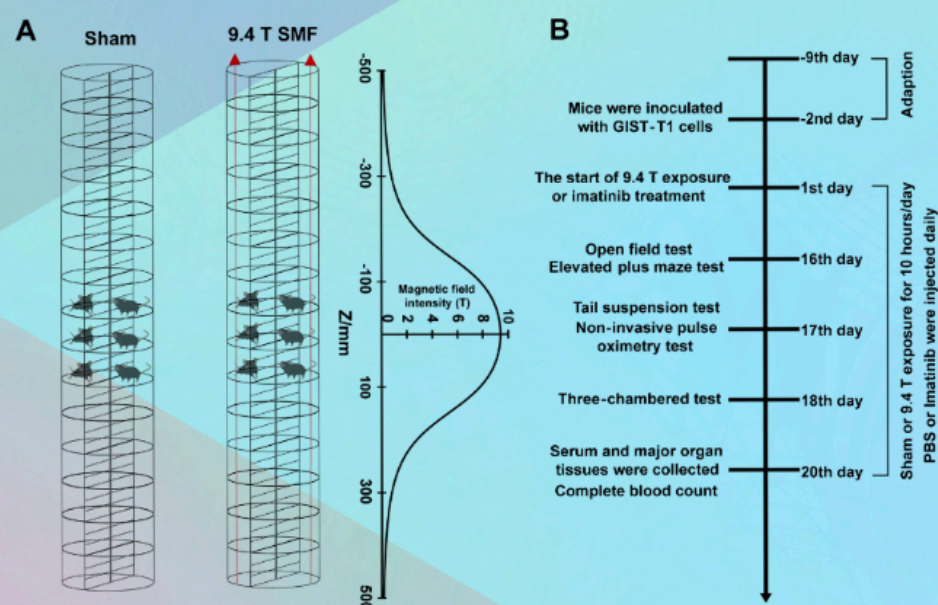


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Science Island Express

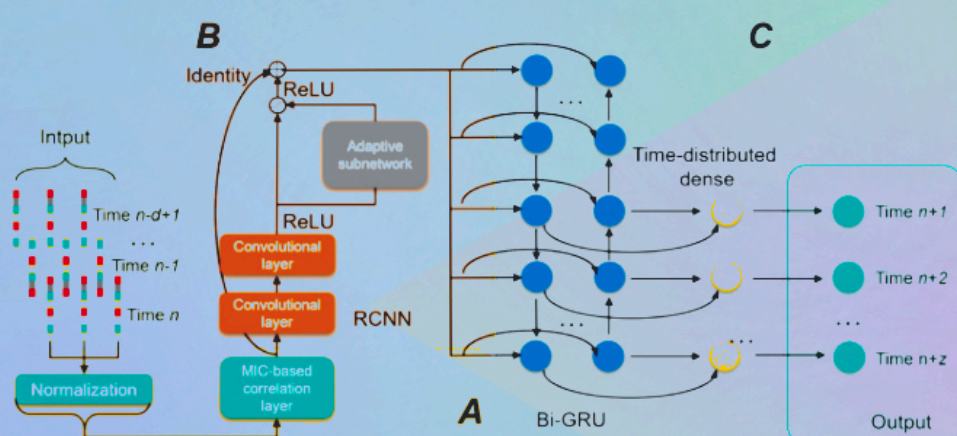
The Science Island Express delivers the most recent happening at HFIPS.

Facility



What if 9.4 T static magnetic field (SMF) is combined with anti-cancer drug imatinib mesylate on gastrointestinal stromal tumor (GIST) bearing mice? HFIPS researchers found the stable magnet field not only enhanced anti-tumor effect of imatinib, but also reduced the drug side effects on tissues and organs. What's more, it reduced the mice depressive behaviors.

Information



HFIPS's recent study proposes a multivariate time-series prediction framework that is based on deep hybrid network in which researchers introduced innovatively noise elimination technology into deep learning modeling to remove data uncertainty caused by noise of component monitors.

Collaboration



HFIPS establishes Joint Laboratory for Spectroscopic Detection of Matter Composition in Deep Space with Macau University of Science and Technology (M.U.S.T.) to stretch out their well-going collaboration into wider and deeper space.

