

NEWSLETTER
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Chinese scientists develop broad-spectrum nanobodies for tick fever treatment

Chinese scientists have developed a broad-spectrum nanobody combination that shows potent efficacy against Severe Fever with Thrombocytopenia Syndrome, or tick fever. This "cocktail therapy" targets multiple viral subtypes and successfully cured all infected ferrets in tests, eliminating the virus and improving symptoms. With rising global cases and no specific treatment currently available, this breakthrough offers a promising solution. **(Xinhua)**

Shanghai team develops AI screener for language disorder in seniors

A Shanghai research team has developed China's first AI-powered screening system for detecting language disorders in seniors, which can identify early signs of neurological diseases like dementia and Parkinson's. The 7-minute test, costing just 0.01 yuan per use, analyzes responses to audio questions and picture descriptions, providing instant results. The system addresses a previously unexplored area in China's elderly care. **(China Daily)**

China's cord blood banks to advance research and treatment

China's seven official cord blood banks have released a joint action plan to expand research and clinical applications of cord blood. The initiative aims to enhance public awareness, improve collection quality, and promote high standards in processing and storage. These banks have collectively stored over 2.45 million units and released more than 45,000 for clinical use, treating nearly 80 diseases. **(China Daily)**

Chinese scientists reveal potential driver of ulcerative colitis

Chinese scientists from Nanjing University have identified a novel gut bacterium as a key driver of ulcerative colitis. The newly discovered bacterium, a subspecies of *Aeromonas*, was found in over 70% of patient stool samples in a study cohort. Its strong colonization ability and toxin production are linked to the disease's chronic nature and high recurrence rate. **(Xinhua)**

Beijing, Shanghai roll out policies to boost pharma, medtech

Beijing and Shanghai have introduced new policies to boost their pharmaceutical and medical device industries. Beijing's measures include subsidies up to 30 million yuan (3.66 million euro) for companies developing AI-driven medical industry models and improving health-data governance. Shanghai's policy focuses on streamlining regulatory reviews and enhancing collaboration. **(China Daily)**