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NEWSLETTER

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China ramps up financial support for tech innovation
China has strengthened financial support for technology innovation, launching a 1 trillion yuan (144.45 billion USD) national venture capital guidance fund targeting early-stage and hard-tech firms. Relending for innovation rose to 1.2 trillion yuan (173.34 billion USD) at 1.25 percent interest. By end-2025, outstanding loans to tech SMEs reached 3.63 trillion yuan (524.54 billion USD), up 19.8 percent year on year. (**Xinhua**)

Chinese scientists discover new mechanism to boost cold resilience, nutrient use in maize
Scientists from China Agricultural University discovered a molecular mechanism boosting maize cold resilience and phosphate use, published in Nature. By redesigning the NLA protein with AI-assisted gene editing, the team overcame a key growth trade-off, creating new germplasm with improved stress tolerance and nutrient efficiency, offering potential solutions for climate-related agricultural challenges. (**Xinhua**)

China's first national standard system for humanoid robotics poised to spur industry development
China released its first national standard system for humanoid robotics, covering the full industrial chain and lifecycle. Developed by over 120 institutions under the Ministry of Industry and Information Technology, it sets unified technical and safety rules. In 2025, more than 140 domestic firms launched over 330 humanoid robot models, marking initial mass production. (**Xinhua**)

Xiaomi's humanoid robots start 'internship' at auto plant
Xiaomi has deployed humanoid robots at its electric vehicle factory for autonomous operations. Built on the Xiaomi-Robotics-0 Vision-Language-Action (VLA, Vision-Language-Action) model, the robots combine multimodal perception and reinforcement learning. Founder Lei Jun said large-scale factory adoption could occur within five years, marking progress toward intelligent manufacturing integration. (**China Daily)**

China develops its first exoskeleton robot for mine emergency rescue
China's first exoskeleton robot for mine emergency rescue is in industrial testing. It operates over six hours, achieves movement recognition above 95%, carries 80 kg, and reduces human energy use by 20%. With AI and multi-sensor modules, the rigid-flexible design enables efficient human-machine collaboration in underground operations, improving rescue capability and endurance. (**People's Daily**)