CSU professor lands national honor for tuberculosis research
Professor Ian Orme has been named a Fellow of the prestigious American Association for the Advancement of Science for his research into latent tuberculosis. Orme was the first to show the activity of rifabutin, which is now used to treat TB-like infections in AIDS patients, and he performed significant preclinical studies on the new drug bedaquiline, including showing that the therapy could reduce treatment times dramatically. In 2013, bedaquiline became the first TB drug approved by the Food and Drug Administration in four decades. Orme is a University Distinguished Professor and member of CSU’s Department of Microbiology, Immunology, and Pathology.

CSU study: Front Range at forefront of agriculture, food innovation
A new study by CSU’s Department of Agricultural and Resource Economics found Colorado’s R&D in agriculture and food is highly concentrated geographically within the relatively compact urban corridor of Metro Denver and the Northern Front Range, and Colorado’s R&D activities in agriculture and food have been growing two to four times faster than the state’s economy overall. A full copy of the report is at http://col.st/U3JX5.

Tree preparation and watering tips for the winter months
Trees in urban and community settings throughout Colorado are now going dormant, and they require care before and during the winter to remain in top health. Colorado State Forest Service recommends tree owners wrap trunks, mulch bases, recycle leaves, and prune trees while they’re dormant.

Camels emit dangerous MERS virus, Colorado State University researchers confirm
In a finding with global health implications, a research team led by a doctoral student at Colorado State University has confirmed for the first time that camels vent volumes of the deadly Middle East Respiratory Syndrome virus, making them the likeliest suspect for spreading the pathogen to people. Now, the CSU team is testing a vaccine that could keep camels from shedding the MERS virus, which has caused acute respiratory illness in about 900 people across the Arabian Peninsula since it was identified in 2012.

Researcher on healthy aging nets prestigious award
Manfred Diehl, professor of Human Development and Family Studies, has been awarded the Humboldt Research Award from the Alexander von Humboldt Foundation in Germany. This award recognizes and honors the academic achievements of internationally recognized scientists. He studies processes of adult development and aging, with a particular focus on successful and healthy aging.
On-campus stadium approved

CSU’s Board of Governors endorsed President Tony Frank’s recommendation to build an on-campus stadium. The decision process spanned nearly three years and included significant input from the community, campus, and alumni. The Board agreed that the potential benefits of building a multiuse stadium for football, soccer, lacrosse, meetings, and events was in the best long-term interest of Colorado State.

New research partnership to speed medical advances in Northern Colorado

Colorado State University, Poudre Valley Hospital, and the Medical Center of the Rockies have agreed to combine resources and personnel to bring CSU research to patients faster and more efficiently. The hospitals rely on the research that is done at CSU, whether with animals or in a chemistry lab, and CSU requires access to the doctors and human patients who will use the products and treatments that emerge from the research.