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J. T. Dimos et al.
Skin cells from elderly individuals with a mutation that causes amyotrophic lateral sclerosis (ALS) were used to derive stem cells that could then be differentiated. 10.1126/science.1158799

PALEOCLIMATE
Regional Synthesis of Mediterranean Atmospheric Circulation During the Last Glacial Maximum
J. Kuhlemann et al.
A three-dimensional reconstruction of atmospheric temperatures in the Mediterranean during glacial times is analogous to one of winter during the Little Ice Age. 10.1126/science.1157638

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Structures of Neutral Au$_7$, Au$_{19}$, and Au$_{20}$ Clusters in the Gas Phase
P. Gruene et al.
Vibrational spectroscopy and theory reveal the elusive structures of small, stable gold clusters with catalytic ability: Au$_7$ has a two-dimensional structure and Au$_{20}$ is pyramidal.

MATERIALS SCIENCE
Colossal Ionic Conductivity at Interfaces of Epitaxial ZrO$_2$.Y$_2$.O$_7$/SrTiO$_3$ Heterostructures
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Induced pluripotent stem cells are generated by direct reprogramming of adult liver and stomach cells.

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The Cell and Molecular Basis of Mechanical, Cold, and Inflammatory Pain
B. Abrahamsen et al.
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