Cell biology

Cell biology is the discipline of biological sciences that studies the structure, physiology, growth, reproduction and death of cells. Research in cell biology uses microscopic and molecular tools and examines all cell types, from unicellular organisms such as protozoa to the specialised cells that consitutute multicellular organisms.

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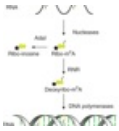

How m^{6}A sneaks into DNA

Paolo Spingardi & Skirmantas Kriaucionis
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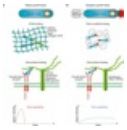

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Megan Lord, John Whitelock & Jeremy E. Turnbull
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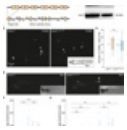

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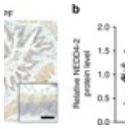

Conditional deletion of *Nedd4-2* in lung epithelial cells causes progressive pulmonary fibrosis in adult mice

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Nature Communications 11, 2012

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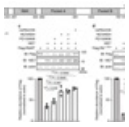

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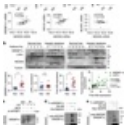

Neddylation of sterol regulatory element-binding protein 1c is a potential therapeutic target for nonalcoholic fatty liver treatment

Uk-Il Ju, Do-Won Jeong, Jieun Seo, Jun Bum Park, Jong-Wan Park, Kyung-Suk Suh, Jae Bum Kim[...]Yang-Sook Chun
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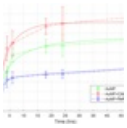

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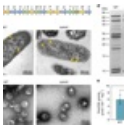

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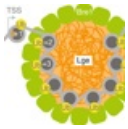

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Yiyun Song
Nature Chemical Biology 16, 481

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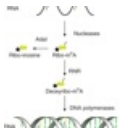

How m^{6}A sneaks into DNA

The biological function and origin of m^{6}A in DNA have been widely debated. A new study demonstrates that the majority of m^{6}A in DNA originates from RNA catabolism via a nucleotide salvage pathway.

Paolo Spingardi & Skirmantas Kriaucionis
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Mechanistic insight into the spread of tau pathology

Ian Fyfe
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Paulina Strzyz
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