

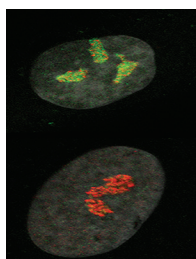


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COVER IMAGE



Cover photograph: Immunofluorescence analysis of NOL12 (green) and fibrillar collagen (red) levels in neonatal (top) versus 84-year-old (bottom) dermal fibroblasts. DNA was stained with DAPI (4',6-diamidino-2-phenylindole; gray). (See related article at e00099-19.) (Copyright © 2019 American Society for Microbiology. All Rights Reserved.)

SPOTLIGHT

Article of Significant Interest in This Issue

e00180-19

RESEARCH ARTICLES

Unexpected Role of Matrix Gla Protein in Osteoclasts: Inhibiting Osteoclast Differentiation and Bone Resorption

e00012-19

Yan Zhang, Liting Zhao, Naining Wang, Jing Li, Fang He, Xu Li, Shufang Wu

NOL12 Repression Induces Nucleolar Stress-Driven Cellular Senescence and Is Associated with Normative Aging

e00099-19

Marta Pinho, Joana C. Macedo, Elsa Logarinho, Paulo S. Pereira

Knockdown of Long Noncoding RNA H19 Represses the Progress of Pulmonary Fibrosis through the Transforming Growth Factor β /Smad3 Pathway by Regulating MicroRNA 140

e00143-19

Xi Wang, Zhe Cheng, Lingling Dai, Tianci Jiang, Liuqun Jia, Xiaogang Jing, Lin An, Huan Wang, Meng Liu

Uncoupling the Senescence-Associated Secretory Phenotype from Cell Cycle Exit via Interleukin-1 Inactivation Unveils Its Protumorigenic Role

e00586-18

Lena Lau, Angelo Porciuncula, Alex Yu, Yoichiro Iwakura, Gregory David

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