

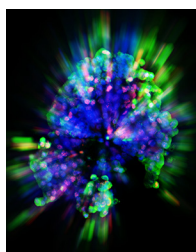


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### COVER IMAGE



*Cover photograph:* Immunofluorescence microscopy was used to identify  $\gamma$ H2AX formation (red) and glucagon-containing  $\alpha$  cells (green) from a cluster of dispersed rat pancreatic islet cells treated with cytokines (nitric oxide source) and hydrogen peroxide to induce DNA damage. DAPI (4',6-diamidino-2-phenylindole) staining (blue) was used to identify cell nuclei. Nitric oxide selectively inhibits DNA damage response signaling in insulin-containing  $\beta$  cells but not in other islet endocrine or nonendocrine cells. (See related article at e00153-19.) (Copyright © 2019 American Society for Microbiology. All Rights Reserved.)

### SPOTLIGHT

**Articles of Significant Interest in This Issue** e00333-19

### RESEARCH ARTICLES

**MicroRNA (miRNA)-to-miRNA Regulation of Programmed Cell Death 4 (PDCD4)** e00086-19

*Pamela Ajuyah, Meredith Hill, Alireza Ahadi, Jing Lu, Gyorgy Hutvagner, Nham Tran*

**CCN1–Yes-Associated Protein Feedback Loop Regulates Physiological and Pathological Angiogenesis** e00107-19

*Sangmi Lee, Afruja Ahad, Michele Luu, Sohyun Moon, JoyAnn Caesar, Wellington V. Cardoso, Maria B. Grant, Brahim Chaqour*

**Translocating a High-Affinity Designer TIMP-1 to the Cell Membrane for Total Renal Carcinoma Inhibition: Putting the Prion Protein to Good Use** e00128-19

*Bingjie Jiang, Yuewei Xu, Yihe Zhang, Meng Huee Lee*

**The Role of Metabolic Flexibility in the Regulation of the DNA Damage Response by Nitric Oxide** e00153-19

*Bryndon J. Oleson, Katarzyna A. Broniowska, Chay Teng Yeo, Michael Flancher, Aaron Naatz, Neil Hogg, Vera L. Tarakanova, John A. Corbett*

**SRSF1 and PTBP1 Are *trans*-Acting Factors That Suppress the Formation of a CD33 Splicing Isoform Linked to Alzheimer's Disease Risk** e00568-18

*Petra van Bergeijk, Uthpala Seneviratne, Estel Aparicio-Prat, Robert Stanton, Samuel A. Hasson*