

Use of a cAMP BRET Sensor to Characterize a Novel Regulation of cAMP by the Sphingosine 1-Phosphate/ G_{13} Pathway*[§]

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Image-based multivariate profiling of drug responses from single cells

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Structure
Article

Cell
PRESS

Conformational Heterogeneity of Karyopherin β 2 Is Segmental

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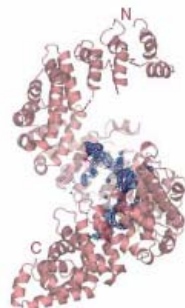


BRIEF COMMUNICATIONS

nature
structural &
molecular biology

Structure-based design of a pathway-specific nuclear import inhibitor

Ahmet E Cansizoglu¹, Brittany J Lee¹, Zi Chao Zhang¹,
Beatriz M A Fontoura² & Yuh Min Chook¹



TAO kinases mediate activation of p38 in response to DNA damage

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Differential regulation of CHOP-10/GADD153 gene expression by MAPK signaling in pancreatic β -cells

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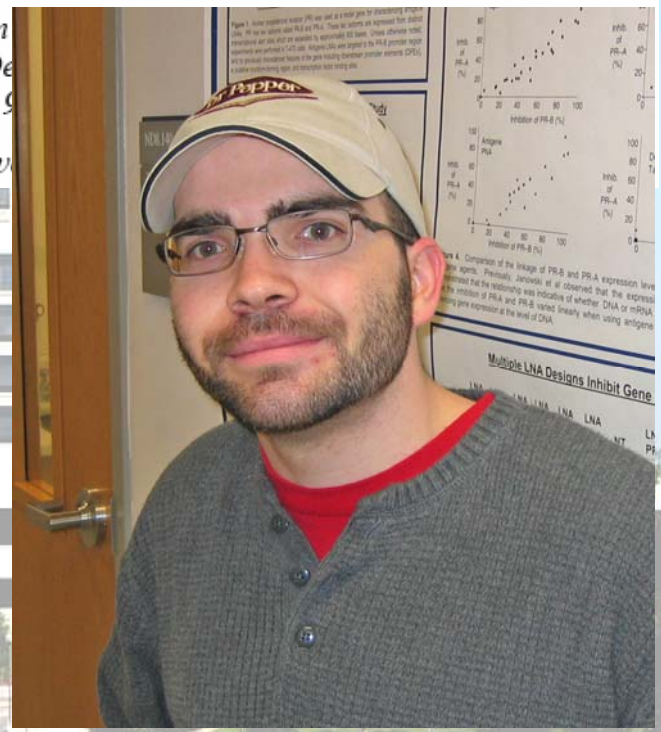
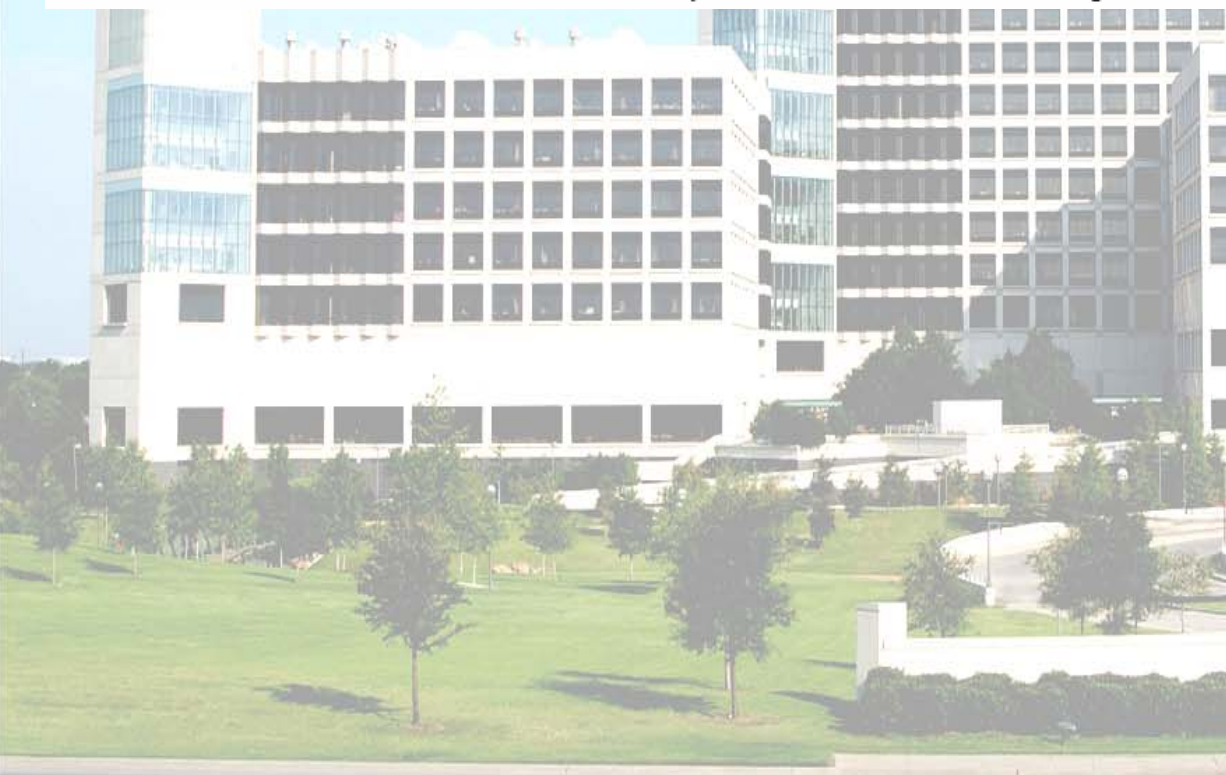


Inhibiting Gene Expression with Locked Nucleic Acids (LNAs) That Target Chromosomal DNA[†]

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Inhibiting Gene Expression with Peptide Nucleic Acid (PNA)–Peptide Conjugates That Target Chromosomal DNA[†]

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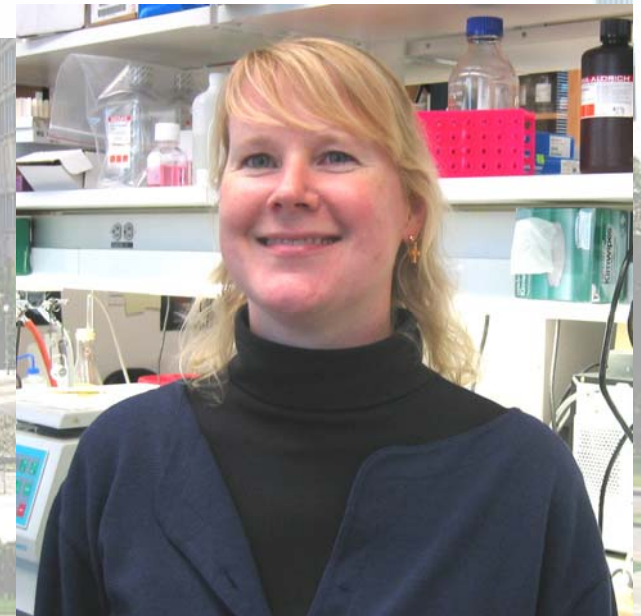


ARTICLES

nature
chemical biology

Activating gene expression in mammalian cells with promoter-targeted duplex RNAs

Bethany A Janowski^{1,2}, Scott T Younger^{1,2}, Daniel B Hardy^{2,3}, Rosalyn Ram^{1,2}, Kenneth E Huffman^{1,2} & David R Corey^{1,2}



The lipodystrophy protein seipin is found at endoplasmic reticulum lipid droplet junctions and is important for droplet morphology

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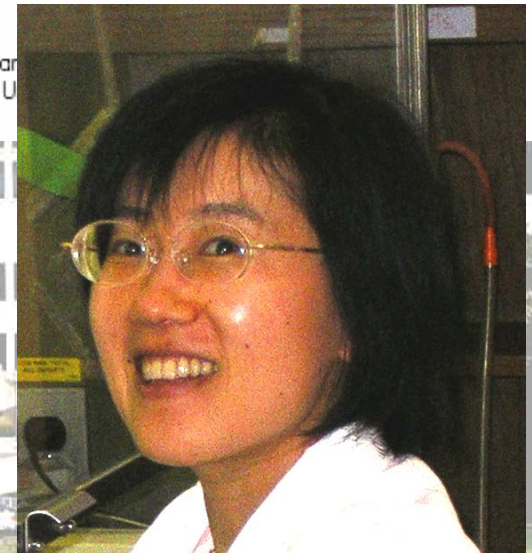
Translation attenuation by PERK balances ER glycoprotein synthesis with lipid-linked oligosaccharide flux

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Unexpected Basis For Impaired Glc₃Man₉GlcNAc₂-P-P-Dolichol Biosynthesis by Elevated Expression of Glcnac-1-p Transferase

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nature
medicine

27-Hydroxycholesterol is an endogenous SERM that inhibits the cardiovascular effects of estrogen

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Cell Metabolism
Article

Cell
PRESS

Endocrine Regulation of the Fasting Response by PPAR α -Mediated Induction of Fibroblast Growth Factor 21

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Proper Recruitment of γ -Tubulin and D-TACC/Msps to Embryonic *Drosophila* Centrosomes Requires Centrosomin Motif 1 ^D ^V

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Detergent-dependent Kinetics of Truncated *Plasmodium falciparum* Dihydroorotate Dehydrogenase*

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Allosteric regulation of an essential trypanosome polyamine biosynthetic enzyme by a catalytically dead homolog

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Phylogenetic Diversity and the Structural Basis of Substrate Specificity in the β/α -Barrel Fold Basic Amino Acid Decarboxylases*^S

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Cell



Dynamic Scaffolding in a G Protein-Coupled Signaling System

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nature
structural &
molecular biology

The SMC5/6 complex maintains telomere length in ALT cancer cells through SUMOylation of telomere-binding proteins

Patrick Ryan Potts & Hongtao Yu



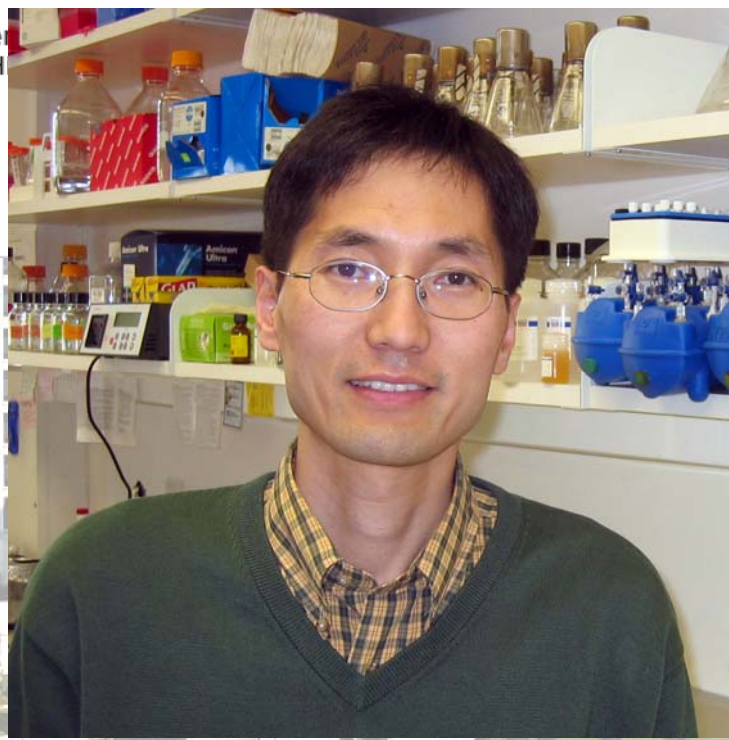
Autophosphorylation-dependent activation of human Mps1 is required for the spindle checkpoint

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Research Article



Department of
Biology | 1 of 7

Structural Basis for the Inhibition of the LSD1 Histone Demethylase by the Antidepressant *trans*-2-Phenylcyclopropylamine^{†,‡}

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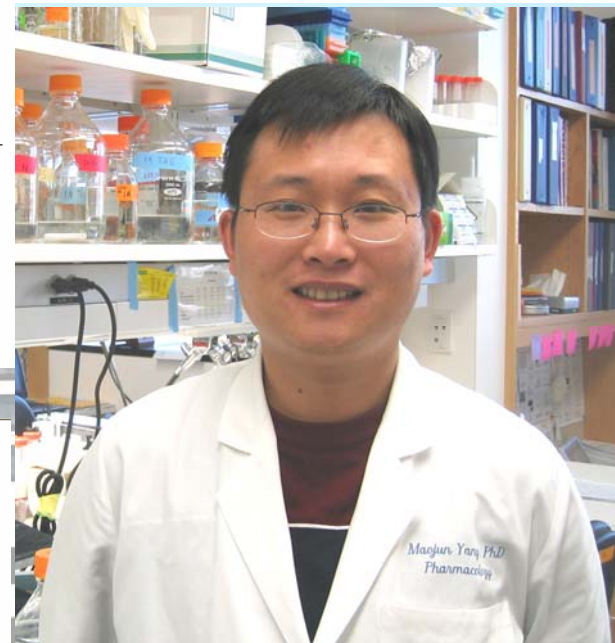
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nature
structural &
molecular biology

Structural basis of histone demethylation by LSD1 revealed by suicide inactivation

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Cell

p31^{comet} Blocks Mad2 Activation through Structural Mimicry

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