

**Review****Repurposing metformin: an old drug with new tricks in its binding pockets**

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**R. Pryor and F. Cabreiro****307–322****Research Papers**

Amyloid fibrils are the molecular trigger of inflammation in Parkinson's disease

*Accepted Manuscript online 13 August 2015,  
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Doxorubicin inhibits *E. coli* division by interacting at a novel site in FtsZ

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Putting the pieces into place: Properties of intact zinc metallothionein 1A determined from interaction of its isolated domains with carbonic anhydrase

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*miR-195* plays a role in steroid resistance of ulcerative colitis by targeting Smad7

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Transcriptional suppression of CTP:phosphoethanolamine cytidyltransferase by 25-hydroxycholesterol is mediated by nuclear factor-Y and Yin Yang 1

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Adiponectin is released via a unique regulated exocytosis pathway from a pre-formed vesicle pool on insulin stimulation

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Antibody-based exosite inhibitors of ADAMTS-5 (aggrecanase-2)

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Diversity in the structures and ligand-binding sites of nematode fatty acid and retinol-binding proteins revealed by Na-FAR-1 from *Necator americanus*

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Design, validation and efficacy of bisubstrate inhibitors specifically affecting ecto-CK2 kinase activity

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**Correction**

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