

# Study: Prazosin inhibits endocytic sorting

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In a study just published in *Proceedings of the National Academy of Sciences*, Dr Ulrike Eggert et al. demonstrated that the drug Prazosin inhibits endocytic sorting.

They implicate the G protein-coupled dopamine receptor D3 and the membrane transport complex coatamer COPI in this process, proposing a new biological role for [G protein coupled receptors](#).

This work shows an interesting off-target effect of Prazosin, used in the clinic as an antagonist of  $\alpha 1$ -adrenic receptors (a sub-family of G [protein-coupled receptors](#)), providing a useful tool for the further study of endosome dynamics.

## More information:

[www.pnas.org/content/109/31/12485.full.pdf+html](http://www.pnas.org/content/109/31/12485.full.pdf+html)

Provided by King's College London

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