

# Vitamin D: the alternative hypothesis

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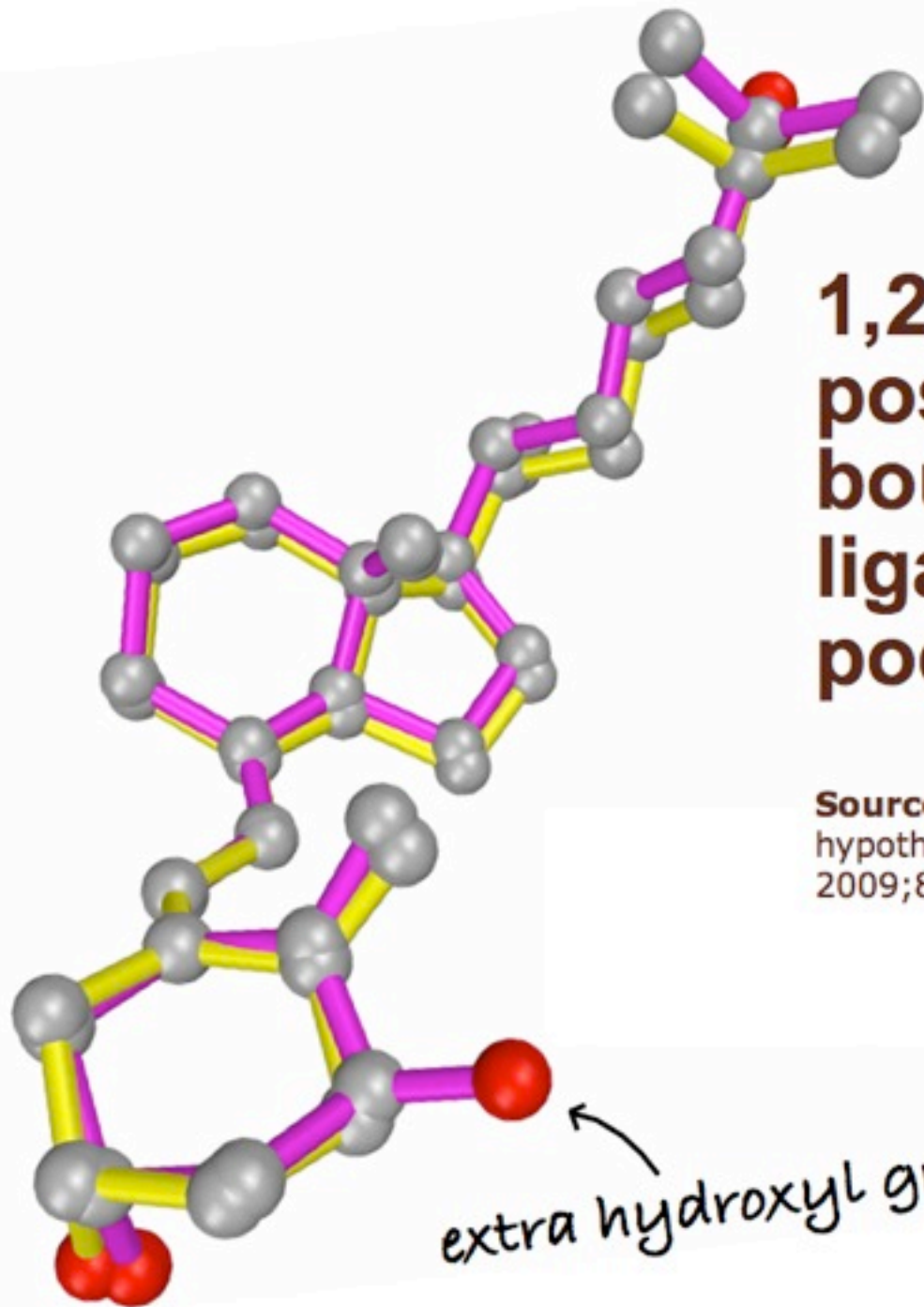


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# Vitamin D has multiple immunosuppressant properties.

Dr. Yehuda Shoenfeld *et al*  
Editor-in-Chief, *Autoimmunity Reviews*

**PMID:** 17557889



## 1,25-D and 25-D as positioned when bound in the VDR ligand binding pocket

**Source:** Albert PJ *et al.* Vitamin D: the alternative hypothesis. *Autoimmunity Reviews*. 2009;8:639-44.

extra hydroxyl group

# Our data shows...

1,25-D turns  
the VDR on



25-D turns  
the VDR off

**Low levels of vitamin D may be a result rather than a cause of the disease process.**