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## **Déjà Vu - Réjà Vu : on knowledge-based approaches linking ligand and target information to bioactivity**

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### **Citation**

Westen, G. J. P. van. (2013, January 8). *Déjà Vu - Réjà Vu : on knowledge-based approaches linking ligand and target information to bioactivity*. Retrieved from <https://hdl.handle.net/1887/20394>

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**Title:** Déjà Vu - Réjà Vu : on knowledge-based approaches linking ligand and target information to bioactivity

**Issue Date:** 2013-01-08

# **Déjà vu – Réjà vu**

*On knowledge-based approaches linking ligand and target information to bioactivity*

## **PROEFSCHRIFT**

ter verkrijging van

de graad van Doctor aan de Universiteit Leiden,

op gezag van Rector Magnificus prof. mr. P.F. van der Heijden,

volgens besluit van het College voor Promoties

te verdedigen op dinsdag 8 januari 2013

klokke 11:15 uur

door

**Gerard Jacob Pieter van Westen**

geboren te Leiden in 1983

## Promotiecommissie

Promotores: Prof. Dr. A.P. IJzerman  
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Dr. C. de Graaf

ISBN-13: 978-94-6203-261-3

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The research described in this thesis was performed at the Division of Medicinal Chemistry of the Leiden/Amsterdam Center for Drug Research, Leiden University (Leiden, The Netherlands). This research was conducted as part of cooperation between the LACDR and Tibotec BVBA (Belgium) and funded by Tibotec BVBA.

This thesis was printed by Wöhrmann Print Service (Zutphen, The Netherlands)

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About the title:

Déjà vu; the feeling that one has seen or experienced a certain event before.

Réjà vu; the feeling that one will see or experience something again (introduced by *T. Pratchett; Pyramids Discworld Series.1989. 7. Corgi Publishers*).

Cover images:

The front cover image was obtained after text mining the full text of chapters 1 through 8 of this thesis (excluding the figure and table legends). The size of the word indicates its frequency throughout the text. The figure was made using the java based 'IBM Wordcloud' applet.

The back cover images are scatter plots of Anscombe's Quartet. These data series all produce identical values for the most common regression validation parameters yet only when analyzing the actual plots their completely different nature becomes apparent. They serve as a warning to anyone trying to create structure-activity relationships. *F.J. Anscombe; Graphs in Statistical Analysis. The American Statistician; 1973 27 (1): 17-21.*

Human beings, who are almost unique in having the ability to learn from the experience of others,  
are also remarkable for their apparent disinclination to do so.

*Douglas Adams, "Last Chance to See", 1990, Pan Books*