



*how to get a veni...*

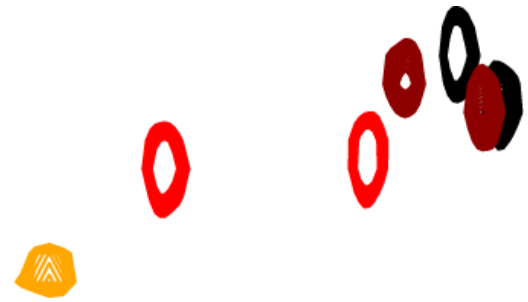


Peter Keizers

vernieuwingsimpuls info dag  
16 december 2008



*...wouldn't know*



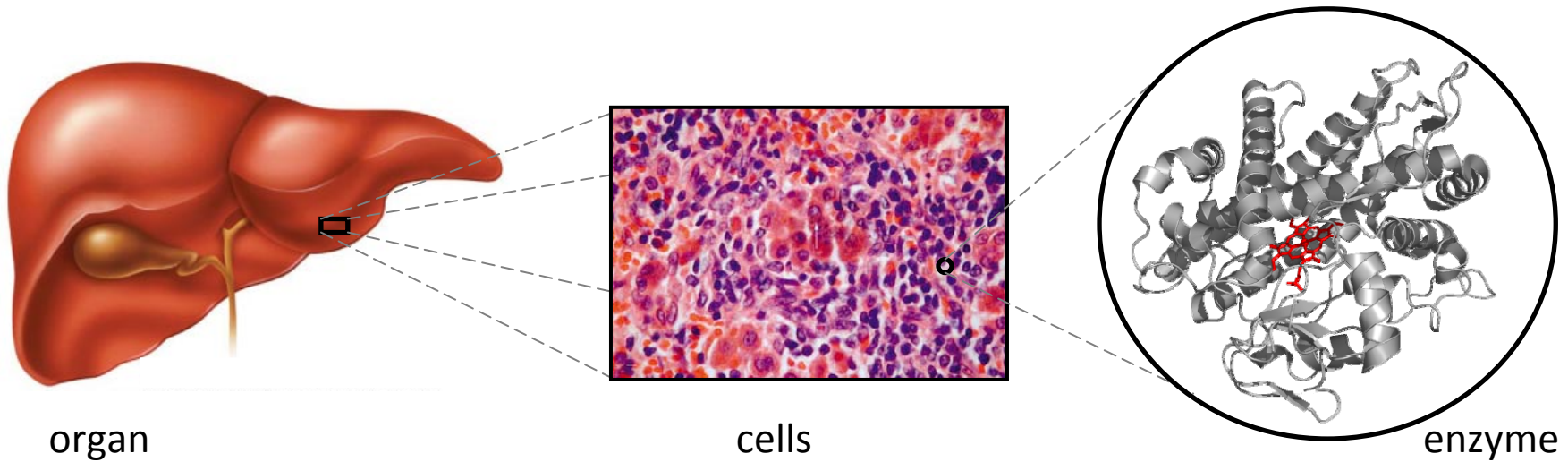
# outline

- me
- my project
- some reviewers' comments
- why granted?

# me

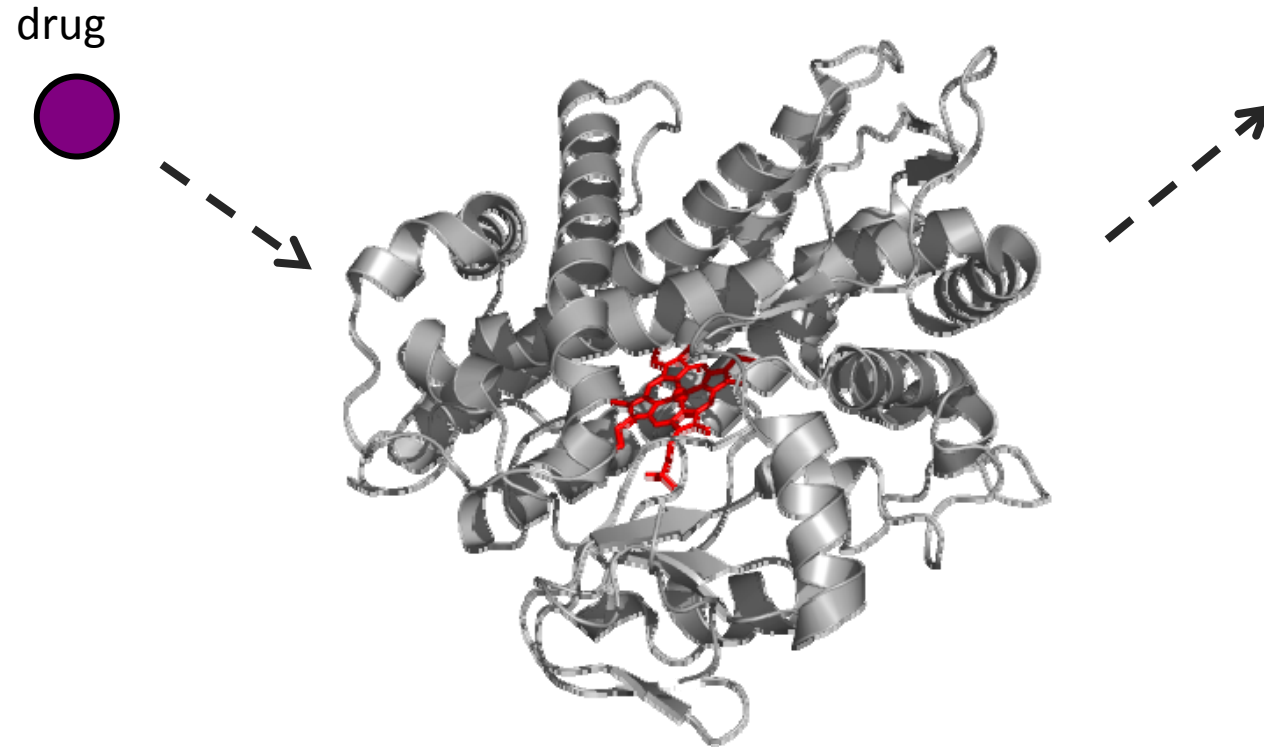
- obtained veni-grant NWO-CW 2008
- 'paramagnetic tracking of substrates through cytochromes P450'
- submitted same proposal two times
- phd pharmacochemistry, VU 2006
- postdoc experience 1-3 years, chemistry Leiden
- no experience abroad, 15 publications

# my project



- man is exposed to unknown chemicals
- such as drugs
- liver enzymes clear drugs from human body

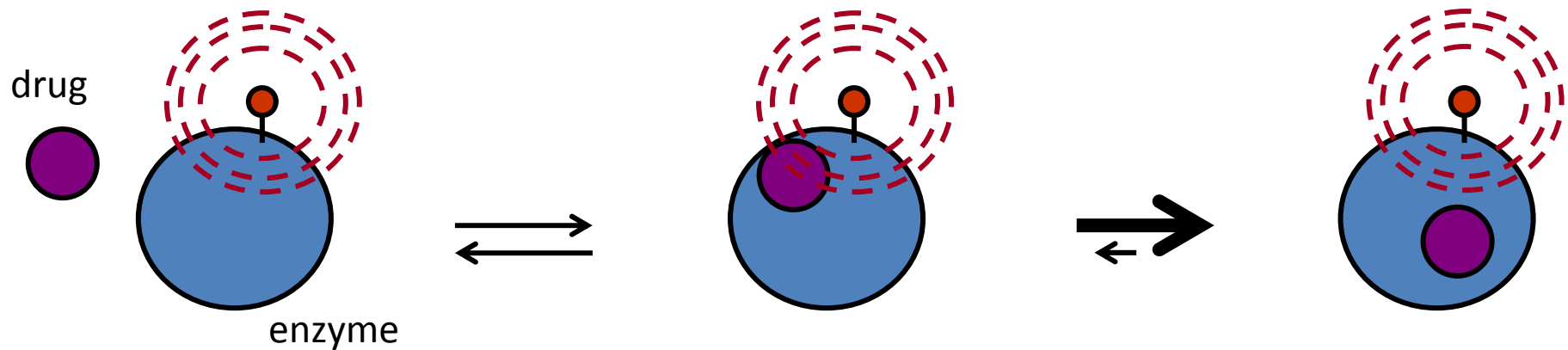
# my project



- it is unknown how drugs travel through enzyme
- high impact on drug lifetime and effect

# my project

- study drugs interacting with enzyme
- apply probes made during postdoc
- apply new techniques as well



# some comments

- "... even if not every aspect of the proposal may yield to the ambitions of Dr Keizers, success in a fraction of it will already amply justify funding."
- "The applicant appears to have a proven track-record in performing good quality research mainly focused on Cytochrome P450 isoform CYP2D6 .... therefore, I rate the applicant among the top 10-20% of his peer group."

# more comments

- “The approach of using paramagnetic tags to characterize the binding of substrate molecules to this **important** human cytochrome P450 variant is **new** and has a high chance to evolve into **new ground-breaking technology** that will deliver results that cannot be accessed by any other method. “
- “The ideas described in this proposal are interesting and seem **worth a try**. I am **less convinced** about the innovative aspects of the research plans described. Applying paramagnetic NMR to track substrates and products in enzymes seems **rather obvious**. The limited success rate of such approaches might be due to several pitfalls which are not addressed.”

# why granted?

the proposal:

- minor changes after initial rejection;

less background

more technical details

stressed innovation more

- when preselection:

only abstract, innovations and resume are judged

# why granted?

response to review:

- be friendly, not defensive

presentation:

- no repetition proposal
- bring nice pictures

in general:

- need some luck with reviewers



good luck!