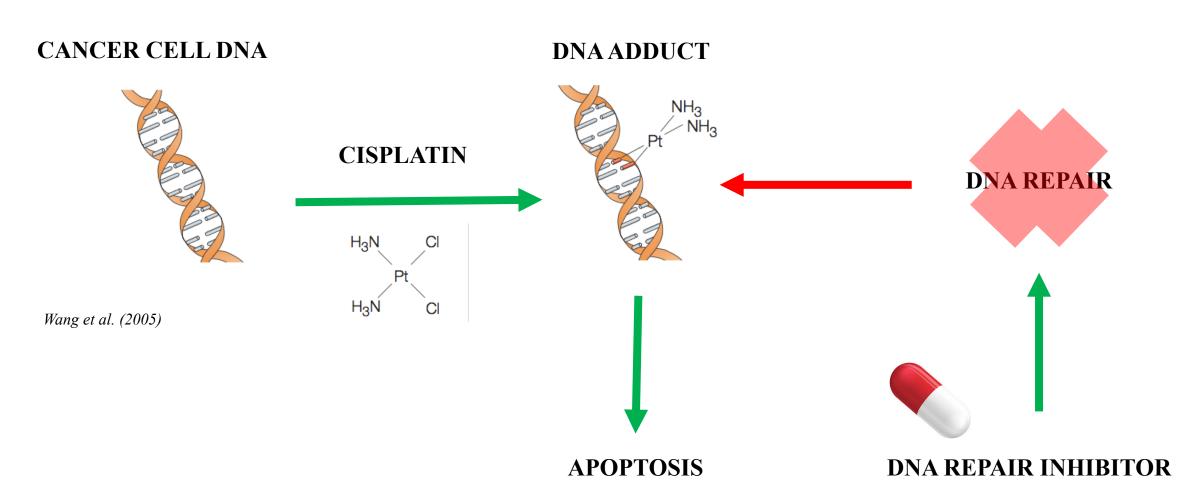
# Computer-aided drug discovery of DNA repair inhibitors

IHPCSS 2019 – Kobe, Japan

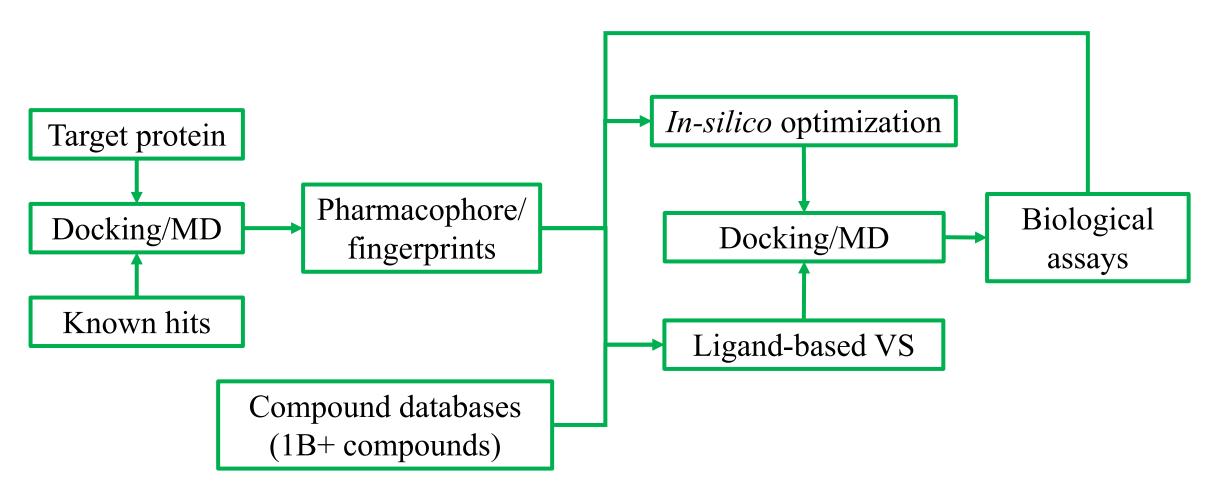
Francesco Gentile

Vancouver Prostate Centre, University of British Columbia

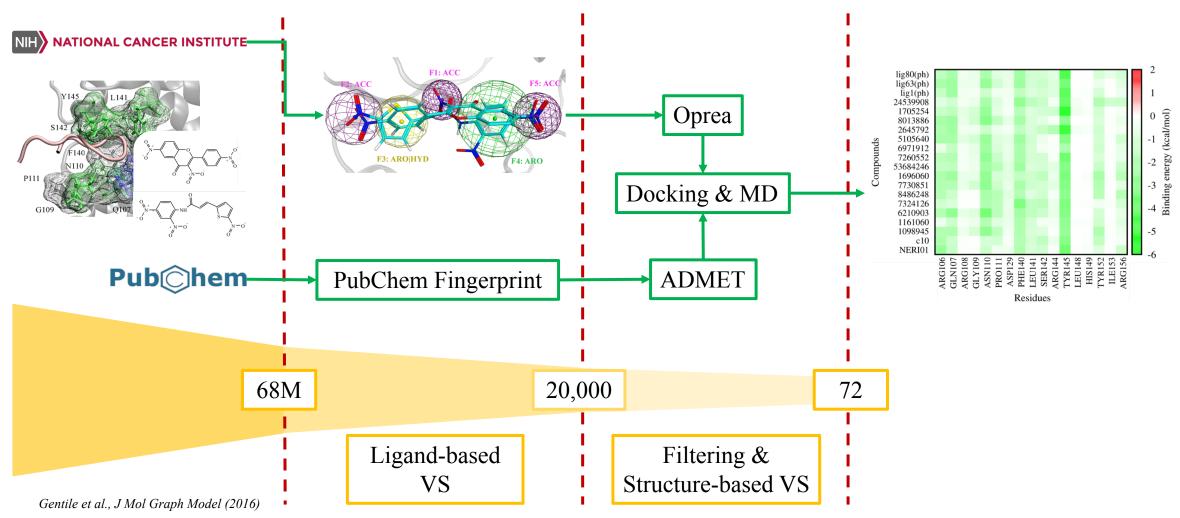
# DNA repair and cancer drugs



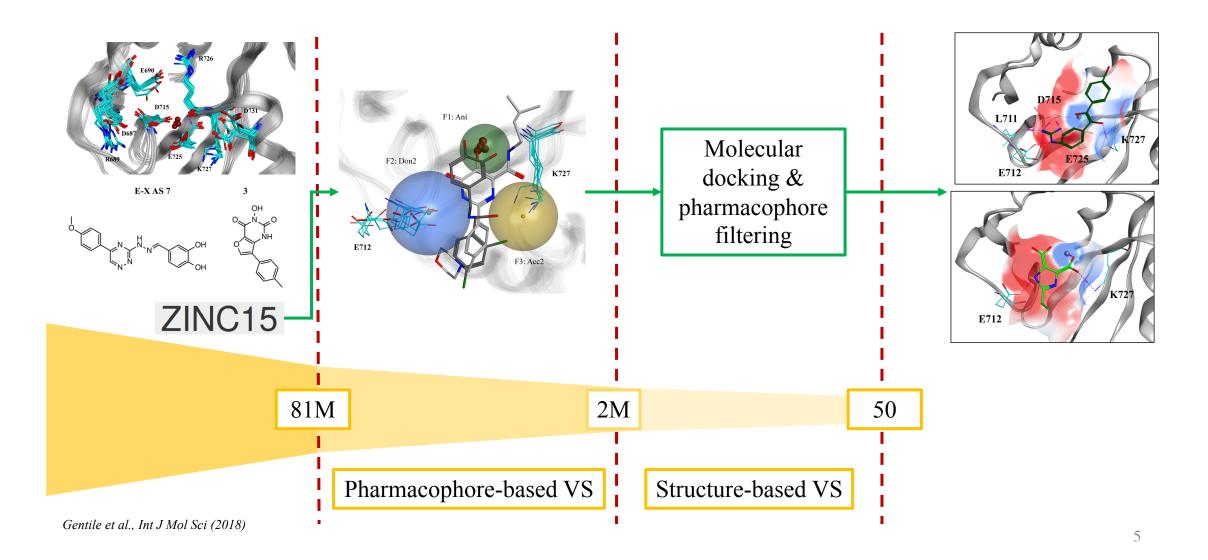
### The drug discovery pipeline



#### **Application I: XPA-ERCC1**



## Application II: XPF active site



# **Application II: ERCC1-XPF dimer**

