

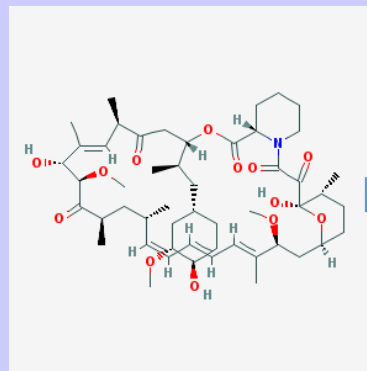
Structural based approach for food science

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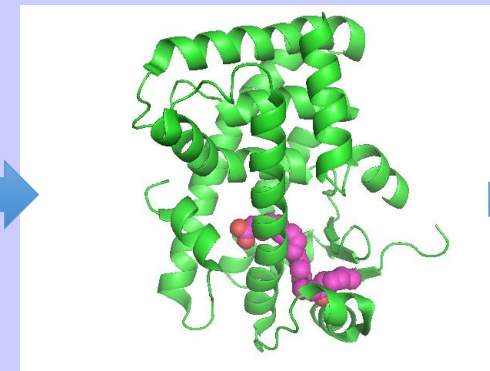
Research Area

1. Isolation of natural compounds
2. Structural analyses of natural compounds
3. Analyses of target proteins

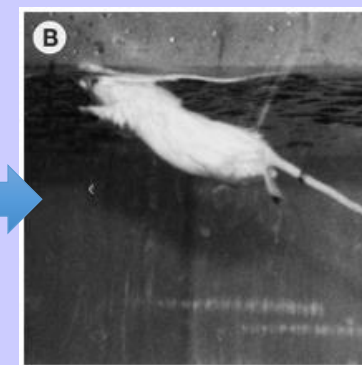
Natural compounds



Target proteins



Functional assay



Structural based approach for food science

Recent Activities

- The nuclear receptor PPAR γ responds to serotonin- and fatty acid-metabolites recognized by specialized sub-pockets. *EMBO J*, 29, 3395-3407, 2010
- PCT/JP2007/056780