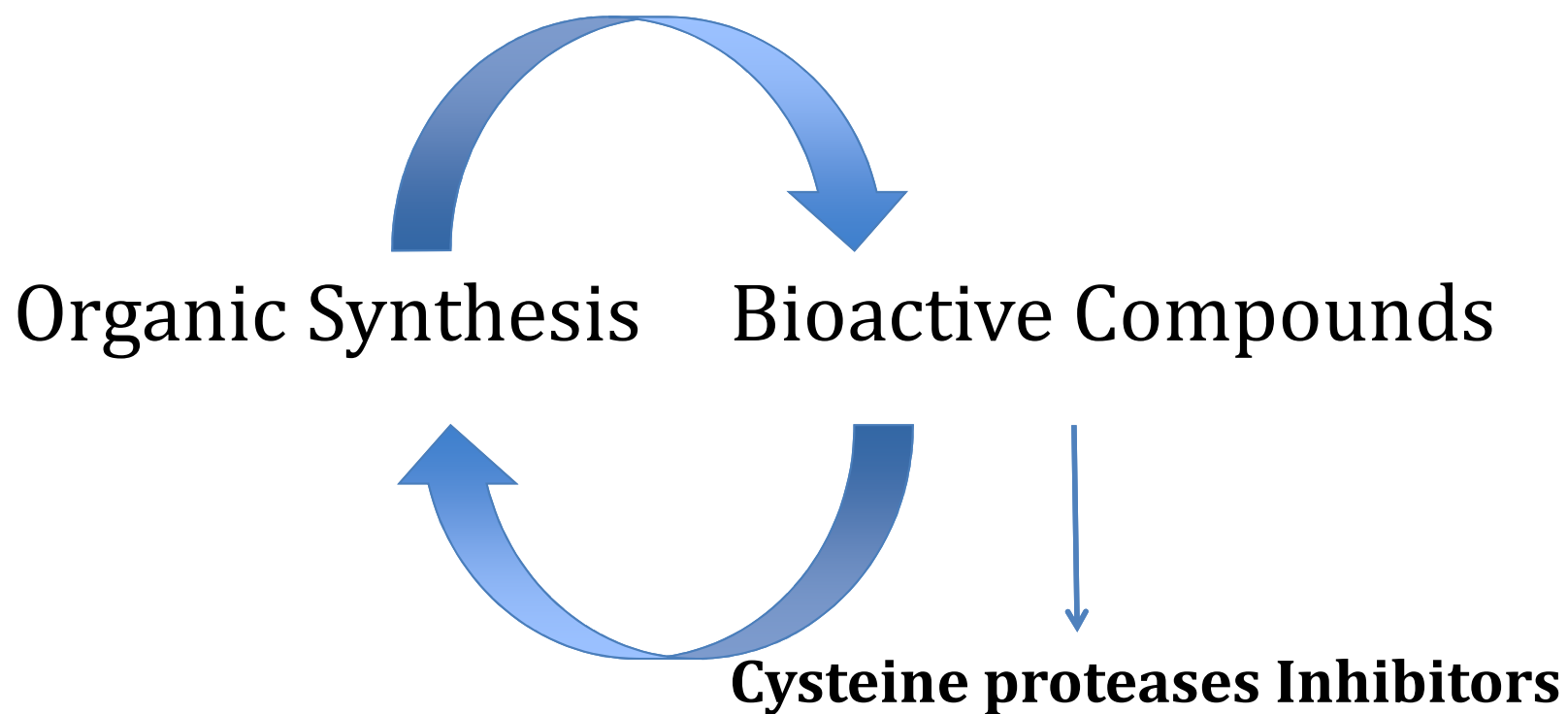


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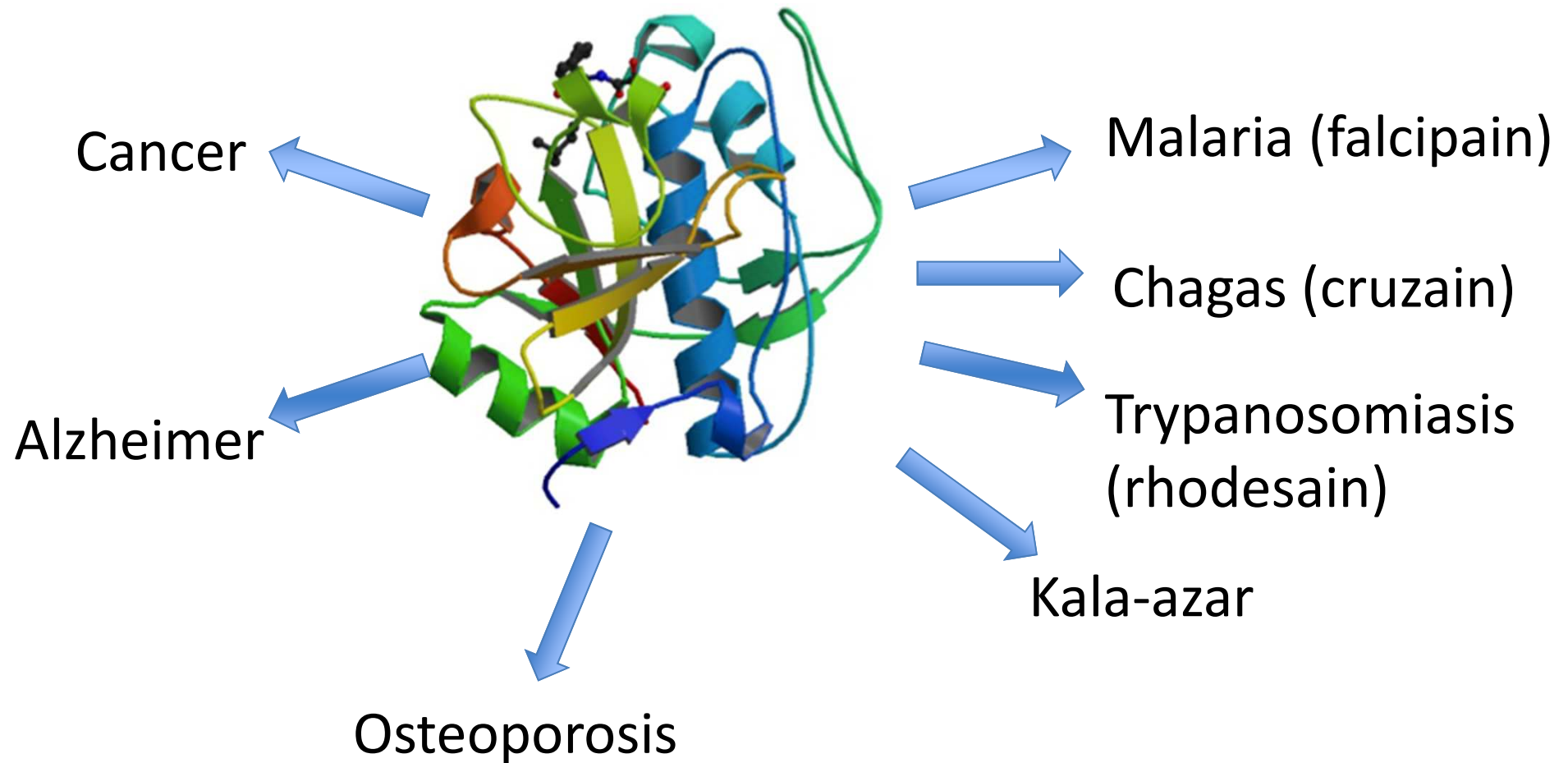
"Tendencias y oportunidades en
Biotecnología"

Castelló 3 de Març, 2011

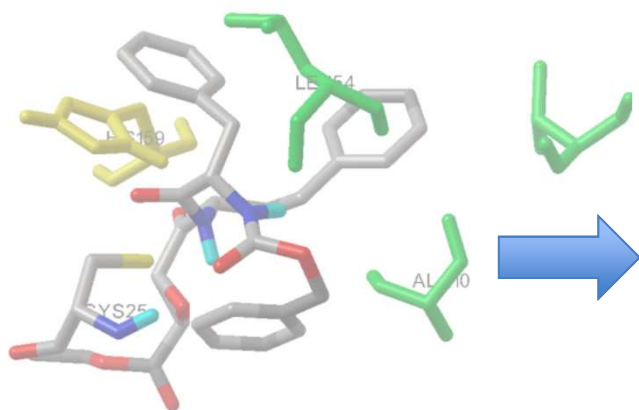
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Cysteine proteases as Therapeutic Targets



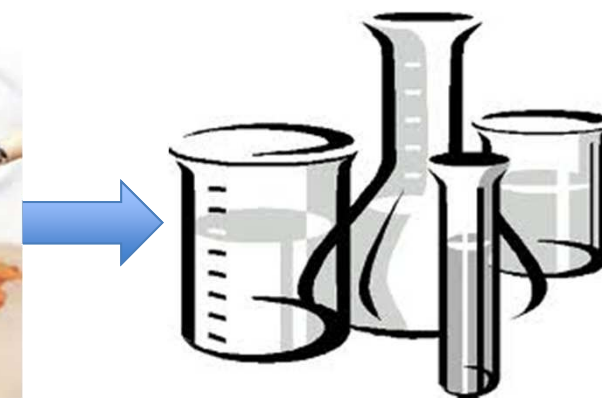
Cysteine proteases Inhibitors



Docking



Design

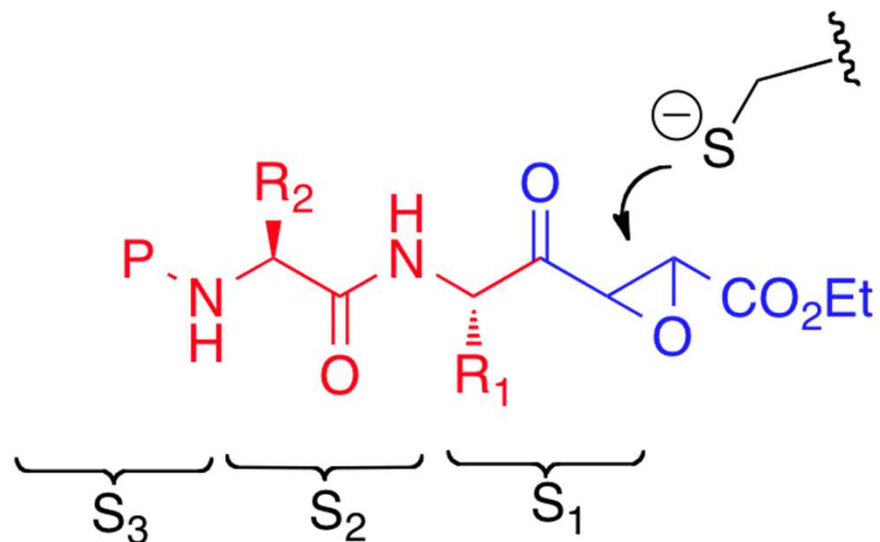


Synthesis



Testing

Cysteine proteases Inhibitors



WO 2008/152178
PCT/ES2008/070116

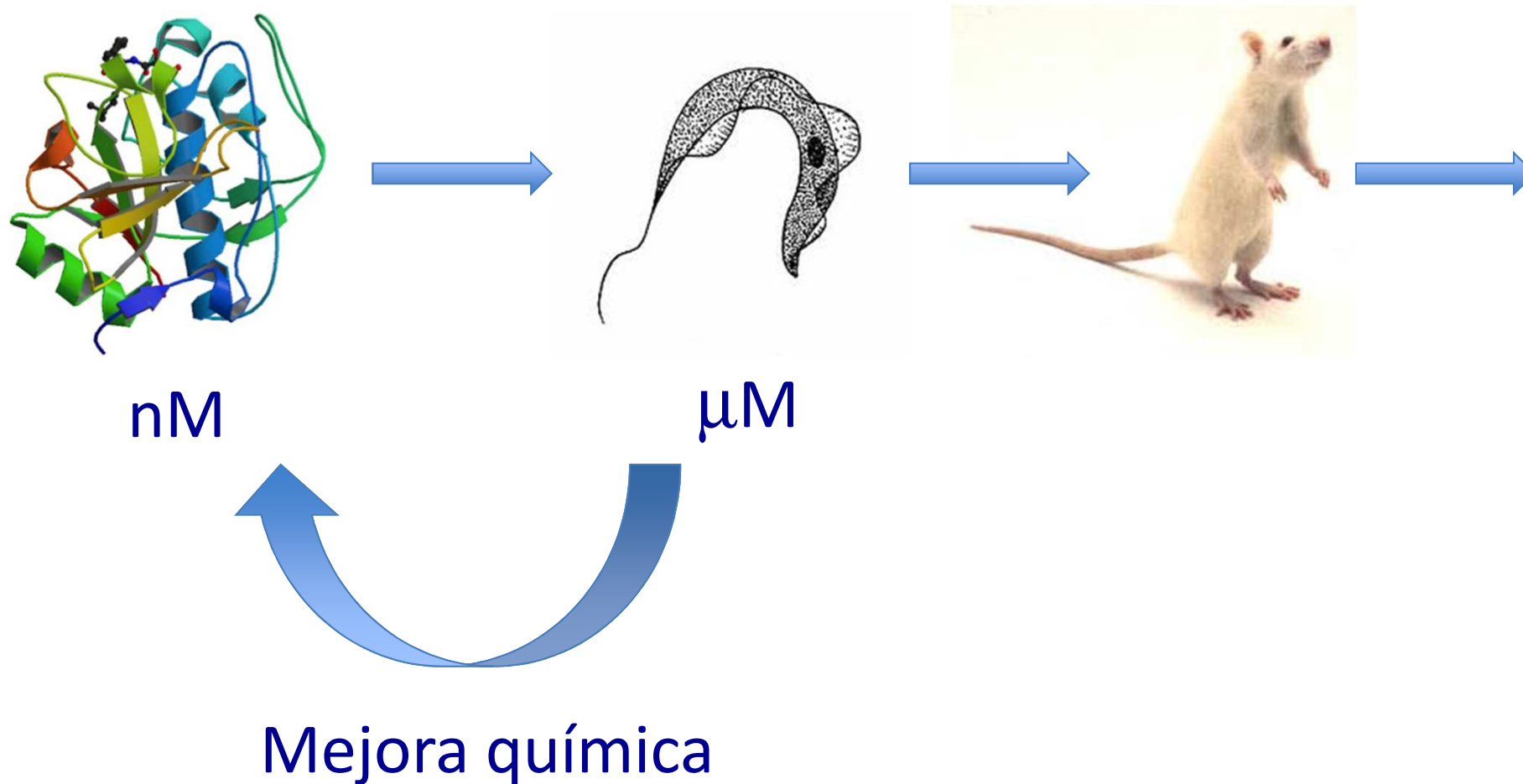


Comp	Cruzain IC ₅₀ (nM)	Rhodesain IC ₅₀ (nM)	<i>T.b.</i> CathepsinB IC ₅₀ (nM)	FP-2 IC ₅₀ (nM)
III	20	3.5	>>1000	70.7
IV	50	30	400	43.7

Protozoa

Comp III IV	T.b.rhod. IC ₅₀ (μM)	T.cruzi IC ₅₀ (μM)	L.don. axen. IC ₅₀ (μM)	P. falc. K1 IC ₅₀ (μM)
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Cysteine proteases Inhibitors



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