Bioactive secondary metabolites from *Lippia salsa* Griseb. (Verbenaceae)

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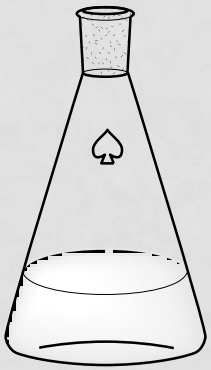
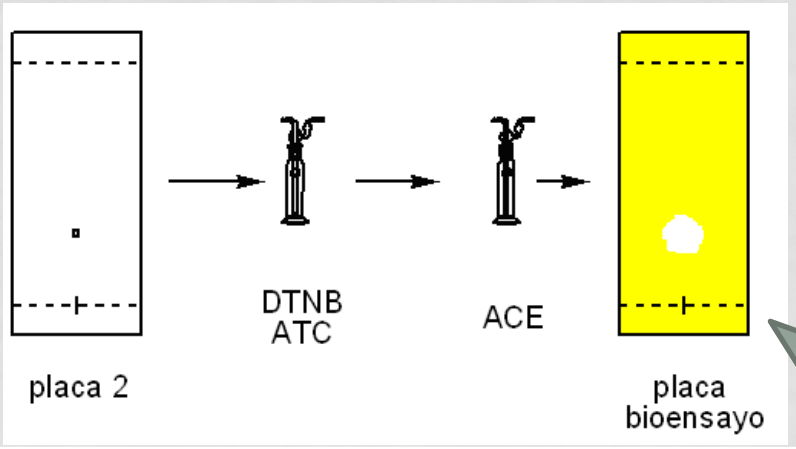
***Lippia salsa* (Verbenaceae)**
endemic species from Argentina

Bioactive secondary metabolites from *Lippia salsa* Griseb. (Verbenaceae)



Ethanolic extrac



+ AChE inhibition
IC_{50} = 0.89 mg/mL

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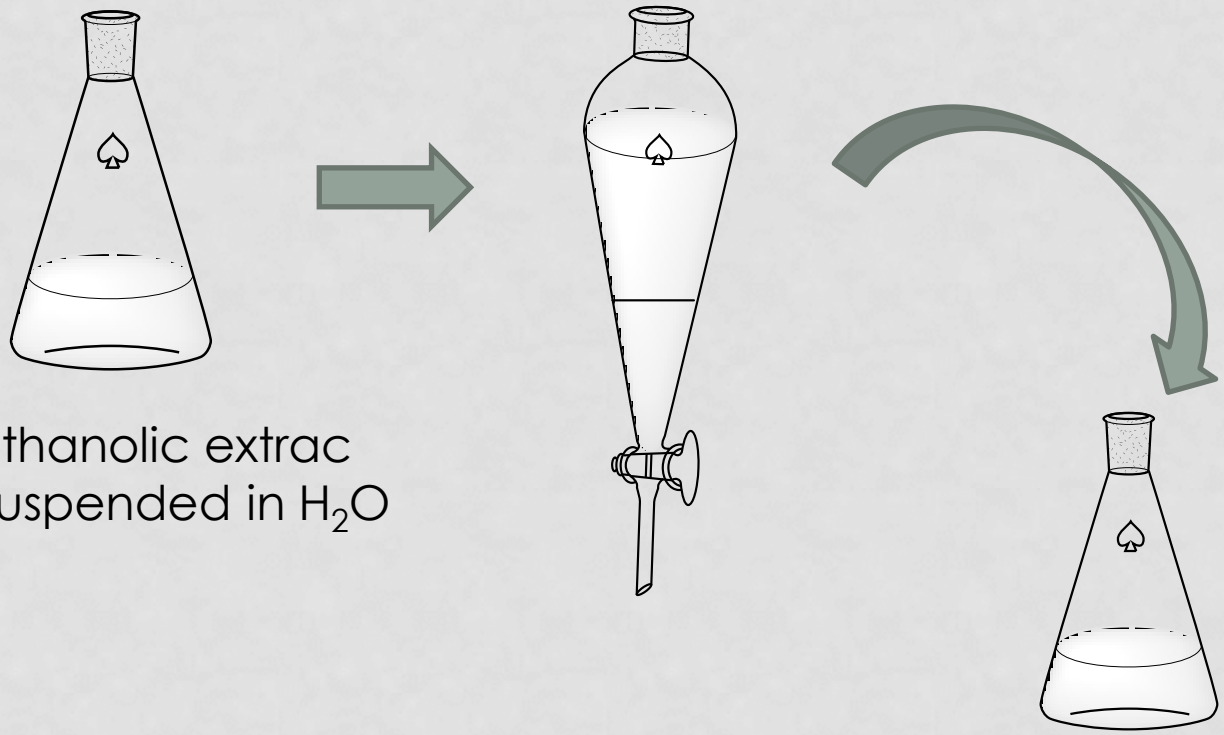
- Liquid-liquid extraction



Ethanolic extrac suspended in H_2O

EtOAc sub-extrac + AChE inhibition (40 % inhibition at 0.45 mg/mL)

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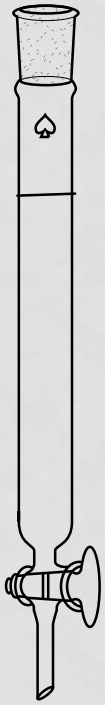
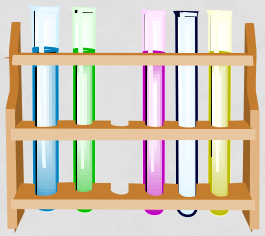
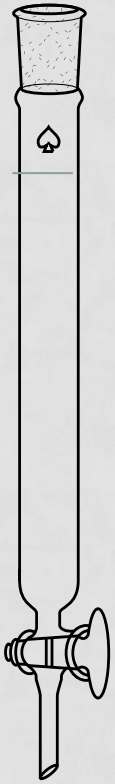
- Bioassay-guided chromatographic separation of active sub-extract



Silica gel 60
hexane:EtOAc
as eluent



Fractions 14-16 (110 mg) were the most active with 79.2 % of AChE inhibition at 0.45 mg/mL



Sephadex LH20
MeOH as
eluent

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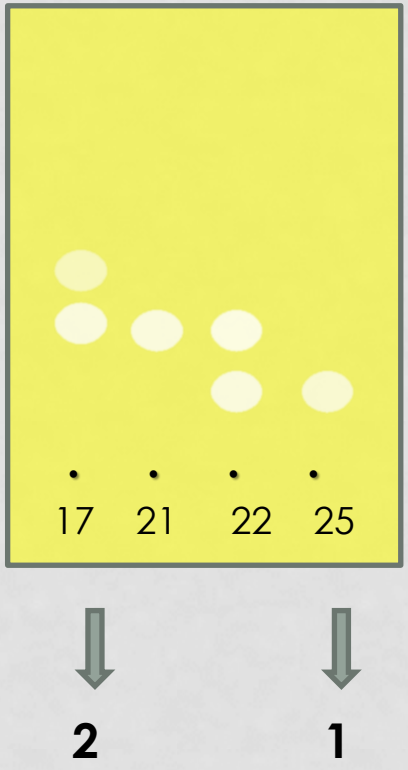
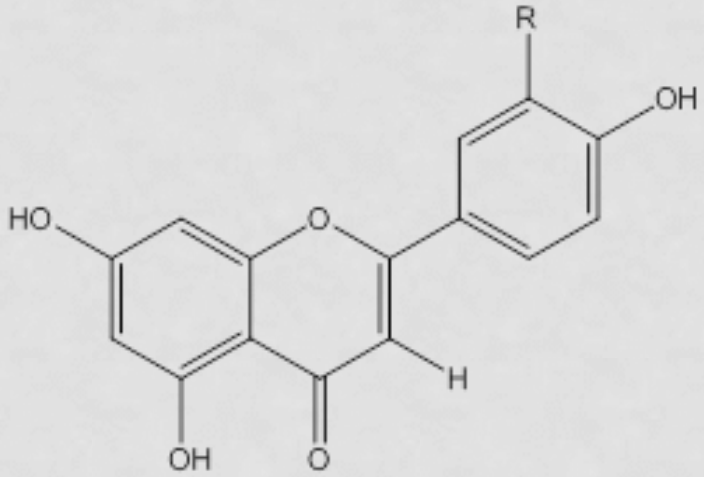
- Bioassay-guided purification of active fractions





1: R = OH
2: R = H