



iGEM UFSCar - Brasil



O PROBLEMA

Edição do dia 27/04/2015

27/04/2015 22h04 - Atualizado em 27/04/2015 22h04

São Paulo registra maior número de casos de dengue desde 1987

Já são 222 mil casos no estado. Crise hídrica fez com que população aumentasse estocagem inadequada de água dentro de casa.

Portal G1, 2015.

10/04/2015 18h47 - Atualizado em 10/04/2015 18h47

Após suspender sorologia, São Carlos atinge 4.450 casos de dengue em 2015

Até a quinta-feira (9) Prefeitura só confirmava 1.841 ocorrências da doença. Unimed divulgou boletim apontando 2.697 casos somente no mês de março.



Portal G1, 2015.

O PROBLEMA



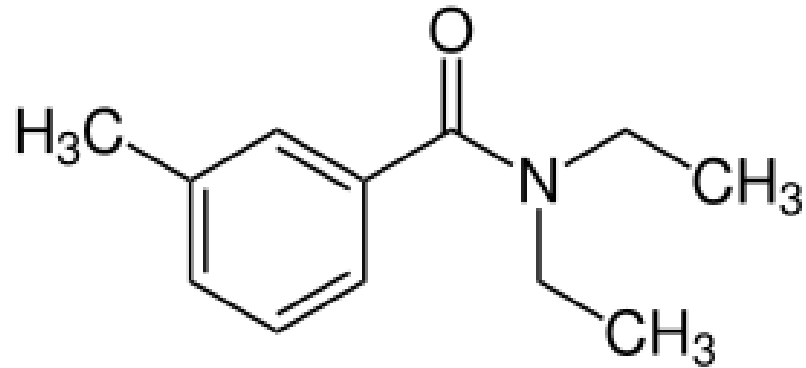
Anopheles sp.

Globalmente, ocorreram 198 milhões de casos de malária e 584 mil mortes no ano passado - respectivamente 4,3% e 6,9% menos que em 2012 -, com 90% das mortes na África. As crianças com menos de 5 anos constituem 78% dessas vítimas.

Organização mundial da saúde, 2013.



MAIS UM PROBLEMA



N,N - Dimetil–metatoluamida



Parasit Vectors. 2014; 7: 173.

Published online 2014 Jun 3. doi: [10.1186/1756-3305-7-173](https://doi.org/10.1186/1756-3305-7-173)

PMCID: PMC4041896

Assessment of methods used to determine the safety of the topical insect repellent *N,N*-diethyl-*m*-toluamide (DEET)

[Vanessa Chen-Hussey](#),¹ [Ron Behrens](#),² and [James G Logan](#)¹



MAIS UM PROBLEMA

J Toxicol Environ Health. 1986;18(4):503-25.

Review of the biodistribution and toxicity of the insect repellent N,N-diethyl-m-toluamide (DEET).

Robbins PJ, Cherniack MG.

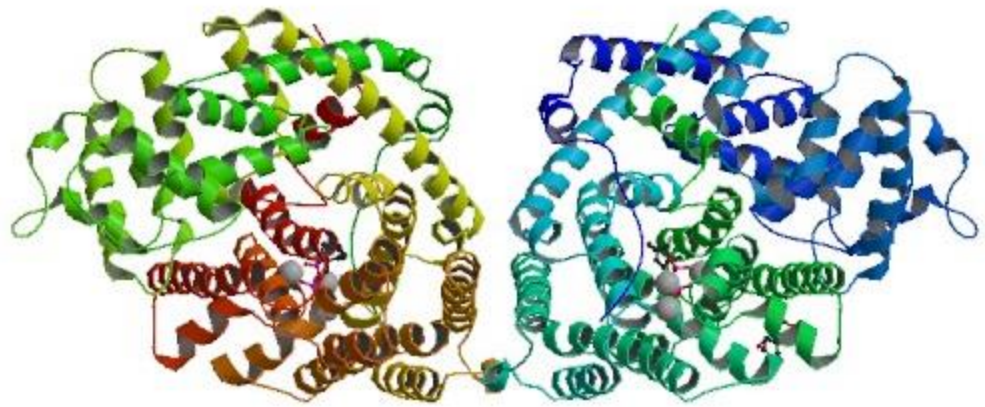
Regul Toxicol Pharmacol. 2010 Feb;56(1):93-9. doi: 10.1016/j.yrtph.2009.09.004. Epub 2009 Sep 12.

Adverse events associated with the use of insect repellents containing N,N-diethyl-m-toluamide (DEET).

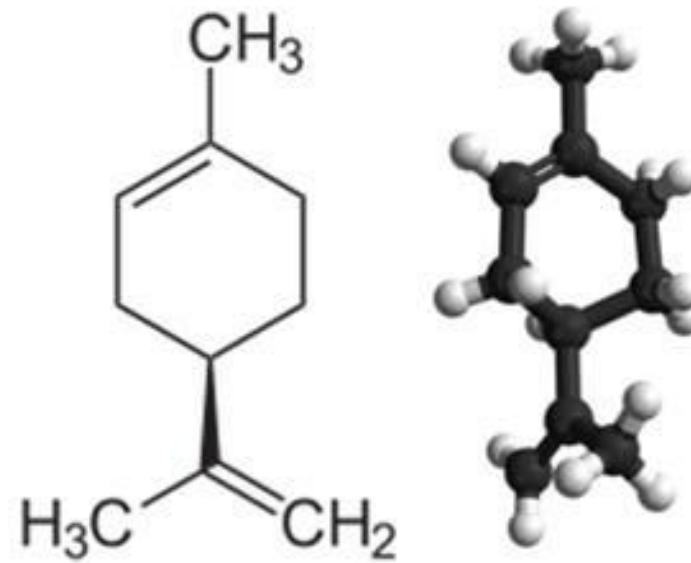
Osimitz TG¹, Murphy JV, Fell LA, Page B.



A SOLUÇÃO !



Limoneno Sintase



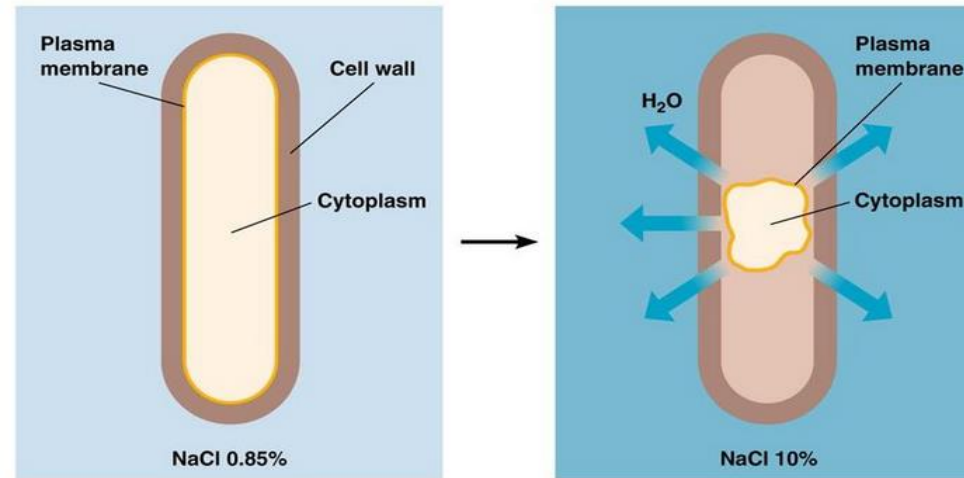
D-Limoneno



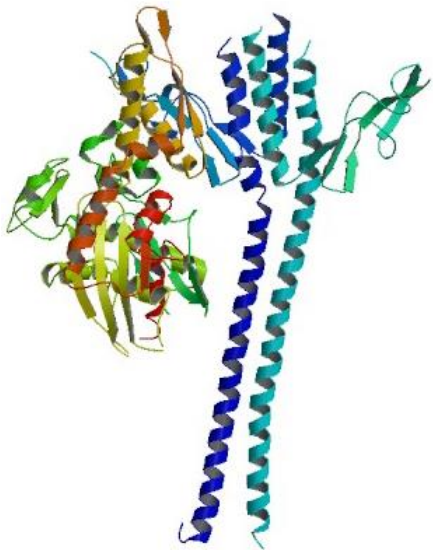
Citrus sp.



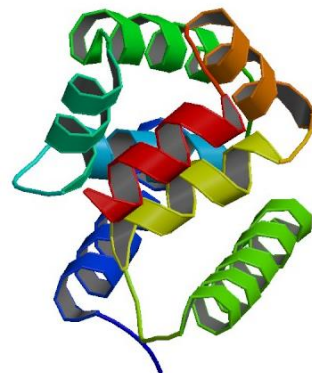
A SOLUÇÃO !



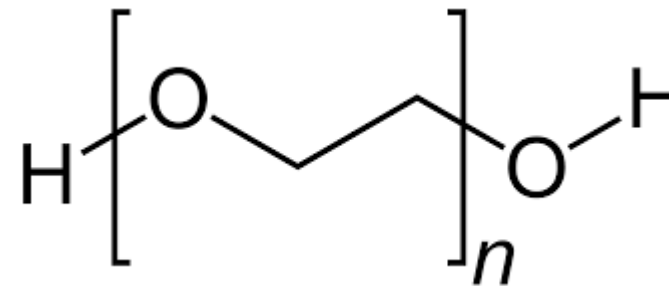
Plasmólise



DnaK

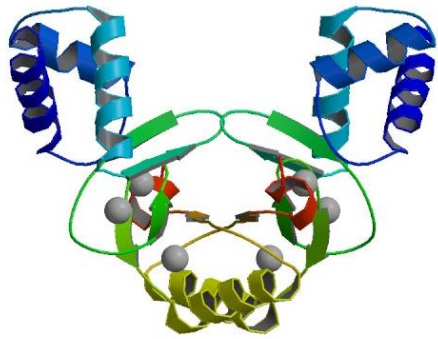
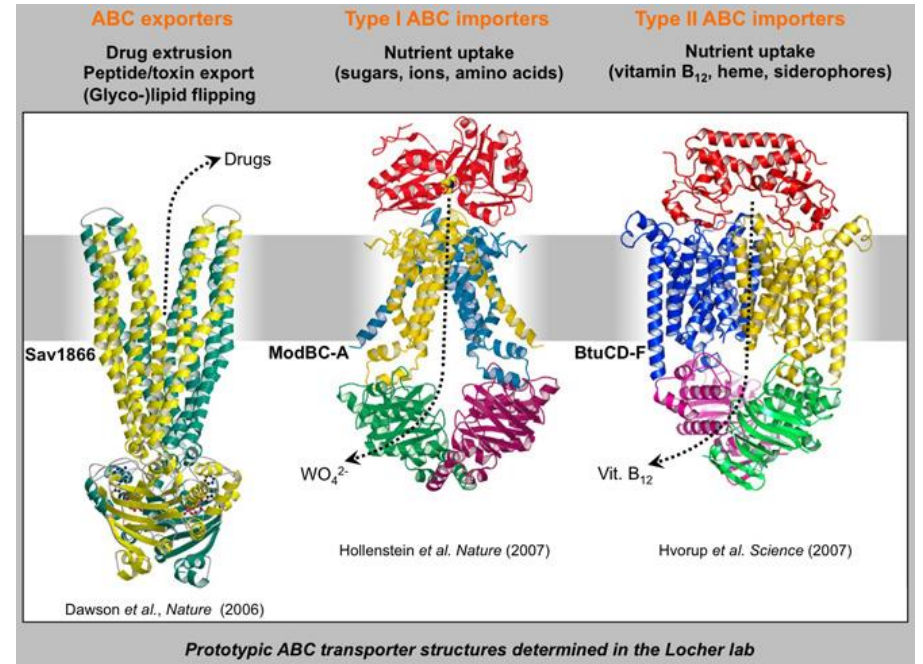
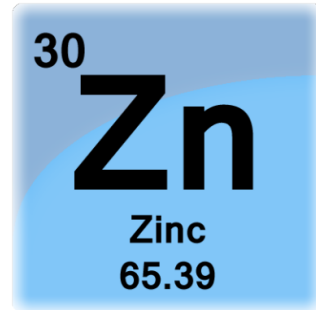


Domínio N-Terminal ClpB

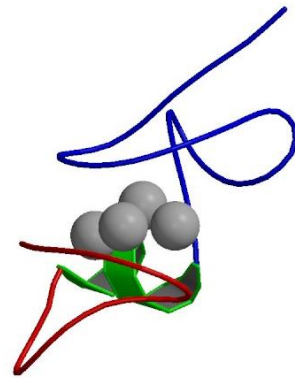


Polietilenoglicol (PEG)



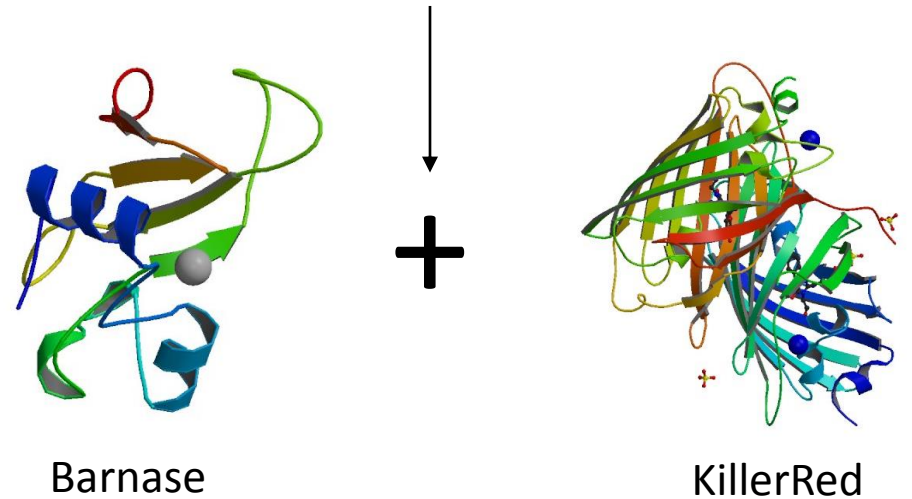


Zur



SmtA

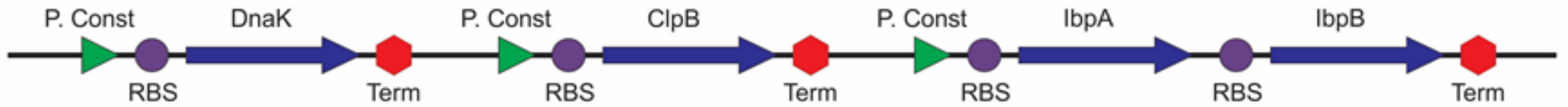
Transportador ABC (Operon ZnuABC)



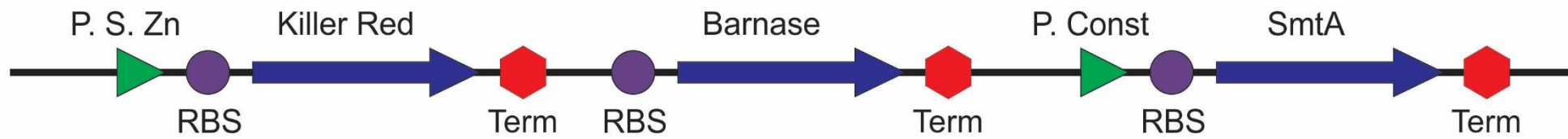
Módulo 1



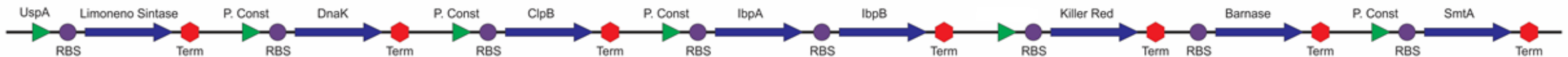
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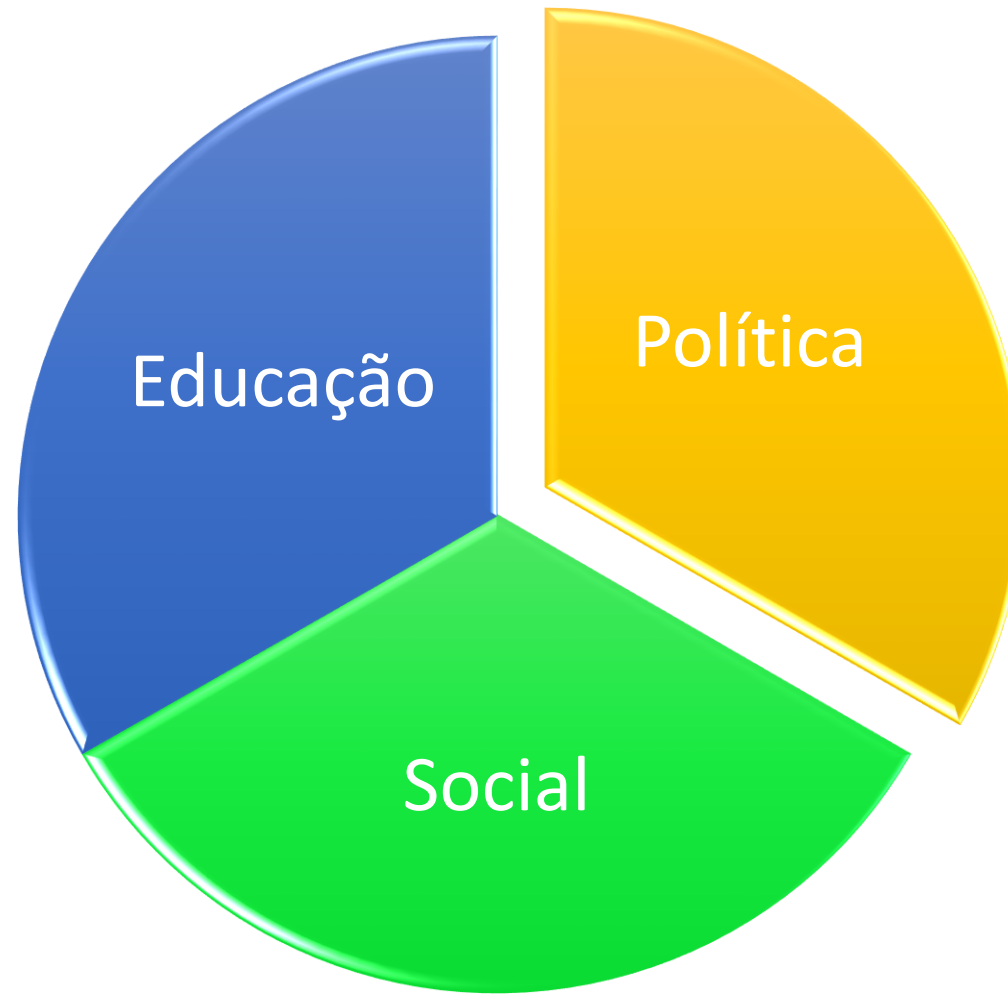
Módulo 3



Circuito Completo



HUMAN PRACTICES



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SBPC JOVEM



SBPC



REUNIÕES SEMANAIS

