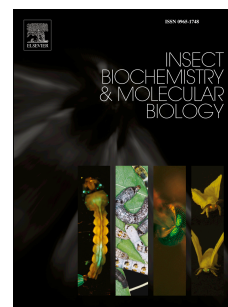


# Accepted Manuscript

Inhibition of the complement system by saliva of *Anopheles (Nyssorhynchus) aquasalis*

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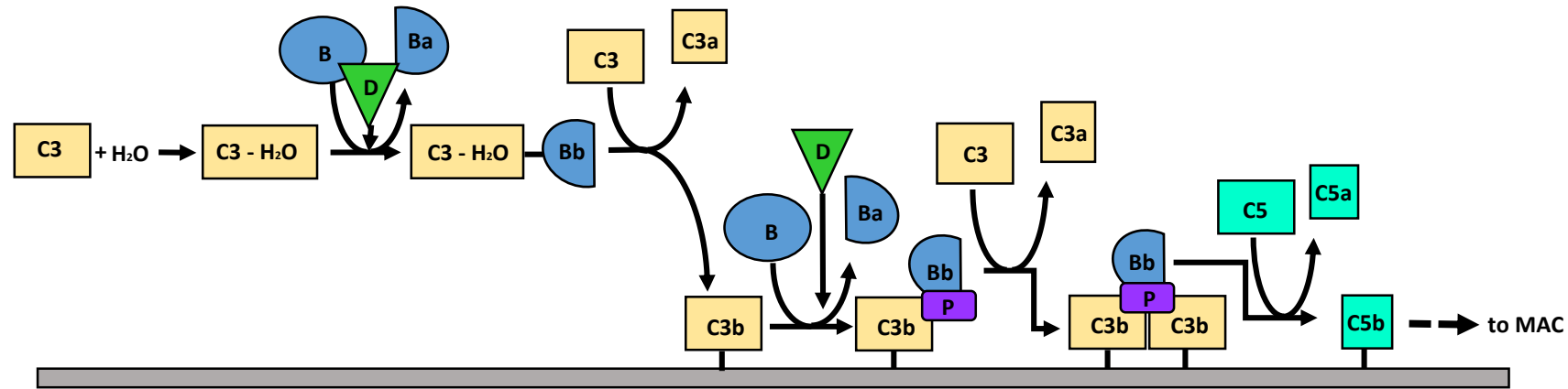
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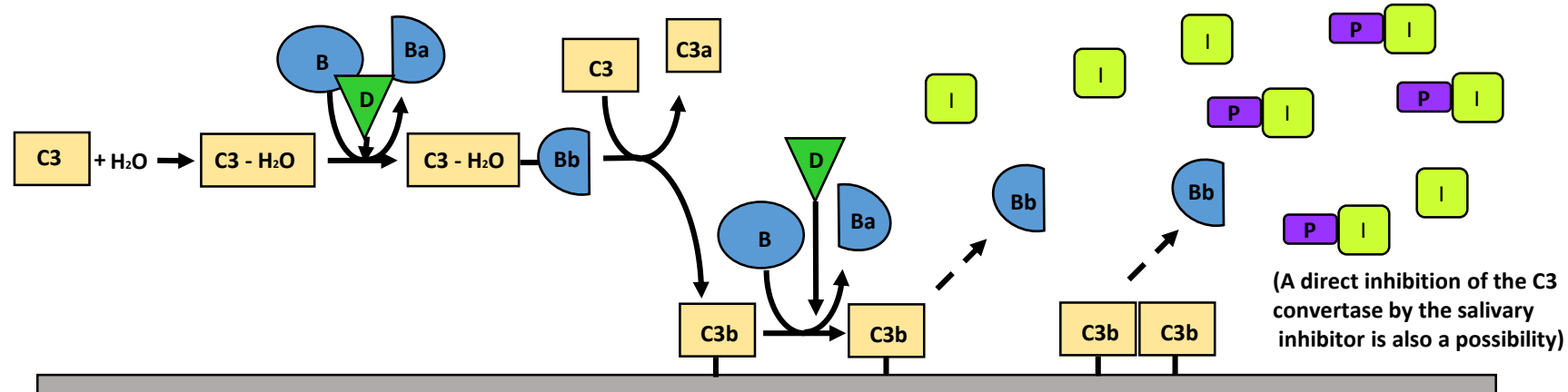
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### Inhibition of the complement system by saliva of *Anopheles (Nyssorhynchus) aquasalis*





### Normal functioning of the Alternative Pathway in absence of the salivary inhibitor







### Destabilization of the C3 convertase after sequestration of properdin by the salivary inhibitor and consequent inhibition of the Alternative Pathway



**(A direct inhibition of the C3 convertase by the salivary inhibitor is also a possibility)**

 Factor C3
  Factor B
  Factor Bb
  Properdin
 **MAC: Membrane attack complex**

 Factor C3b
  Factor Ba
  Factor D
  Salivary inhibitor (probably a protein from SG7 Family)

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