



**HORIZON-MSCA-2021-SE-01-INOVEC**



**« RNAi-based bioinsecticides for *Aedes* control »**

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**Kick-off Meeting, Wednesday 15 February 2023  
(Presential & Virtual meeting)**

**GRANT AGREEMENT No 101086257**

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Genomics and Proteomics





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## Role at the present Project:

- Develop a shRNA based bio-insecticide against *Aedes albopictus*



Select essential genes from *Aedes albopictus* genome



From these genes, select a 22mer sequence that is:

- Monomorphic
- Specific



Construct the shRNA gene



Express the gene into *Saccharomyces cerevisiae*



Heated-killed yeast

