



UK mosquitoes: future research

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STSM details and first impact



- **Host: Ilaria Dorigatti (Imperial College London)**
- **Project: characterizing UK suitability for *Ae. koreicus* and *Ae. japonicus***

Great opportunity to present my research and to discuss mosquito biology and *Aedes*-borne pathogens with several infectious diseases' experts.

STSM: future research

1. Produce a risk map of UK depicting habitat suitability for *Ae. koreicus* and *Ae. japonicus*.
 2. Evaluate the population dynamics of the two species at specific locations.
- 1+2: We will use the *dynamAedes* R library

Further impact: we will co-supervise together several PhD students, covering also other mosquito species and related pathogens of European interest, such as West Nile virus.



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