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Share the data: collaboration of different fields of science

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Short-Term Scientific Mission in Italy, 2019

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To become familiar with distribution modeling:
needed for the spatial and temporal spreading analyses of
invasive mosquito species

Database available so far from Hungary

- Spatial and temporal abundance data of several species
- Over 4 years
- Data on climatic parameters



Analyzed the dynamics & distribution of *Aedes koreicus* in our region

- Provided the model's suitability for future studies
- **Kurucz et al. 2020** Int. J. Environ. Res. Public Health 2020, 17(8), 2728.



Analyzed pan-European genetic pattern of *Aedes koreicus*

- Revealed general dispersal patterns & necessity of cooperation without borders
- **Kurucz et al. 2022** PLoS ONE 17(8): e0269880.



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- ✓ Importance of multidisciplinary thinking and data sharing
- ✓ Perfect platform for knowledge transfer and meeting other groups
- ✓ Good basis for further collaborative research
- ✓ To become part of a working network

