
1 Assistant Professor (Maitre de Conference) Position

We are searching for highly qualified applicants for a permanent assistant professor position in virology at the University of Strasbourg. The selected applicant will join a multinational group of researchers focused on studies of antiviral resistance mechanisms in mosquito vectors led by Dr. João Marques. Our laboratory is in the Institut de Biologie Moléculaire et Cellulaire (IBMC) on the central campus of the University of Strasbourg, France, and has access to a fully equipped insectarium with BSL2 and BSL3 laboratories (<https://ibmc.cnrs.fr/>).

We are focused in studying mechanisms that affect the replication of viruses such as dengue, Zika and Chikungunya and mosquito vector competence for their transmission. We seek candidates with an interest and demonstrated achievement in Virology. Extra experience in Immunology, Molecular Biology and Genetics are welcome. We are particularly interested in applicants with an active research program that complements existing strengths in our group. The ideal candidate will participate in student training and have access to a rich research community in our institute and university.

Written and oral communication skills in English are required. Inquiries/applications should be made by e-mail including a motivation letter, CV and contact for two references to: João Marques (joao.marques@unistra.fr).

Lab website: <https://ibmc.cnrs.fr/laboratoire/m3i/equipes/reponses-antivirales-chez-le-moustique-aedes/>

Key publications:

1. Mosquito vector competence for dengue is modulated by insect-specific viruses. Olmo RP et al. Nat Microbiol. 2023 Jan;8(1):135-149. doi: 10.1038/s41564-022-01289-4. PMID: 36604511
2. Invading viral DNA triggers dsRNA synthesis by RNA polymerase II to activate antiviral RNA interference in Drosophila. de Faria IJS et al. Cell Rep. 2022 Jun 21;39(12):110976. doi: 10.1016/j.celrep.2022.110976. PMID: 35732126.
3. Control of dengue virus in the midgut of Aedes aegypti by ectopic expression of the dsRNA-binding protein Loqs2. Olmo RP, et al. Nat Microbiol. 2018 3(12):1385-1393. doi: 10.1038/s41564-018-0268-6. PMID: 33923055