



# Colloque I3M

## Immunity and Infectious Diseases: from **molecular** to **clinical** insights

**21<sup>st</sup> MARCH 2025**

Num	Nom	Titre
<b>1 Flash</b>	Beignon Anne-Sophie	Learn the mechanisms of vaccines to improve their immunogenicity and efficacy through Boolean modeling of the immune responses they induce
<b>2</b>	Bourgarit Anne	Characterization of TNF- $\alpha$ producing NK-cells in Tuberculosis patients who develop Paradoxical Reactions
<b>3</b>	Boutal Hervé	Efficient ELISA tests for early diagnosis of plague
<b>4</b>	Brahmi Karima	Situation épidémiologique de la leishmaniose humaine et canine dans la région de Tizi-Ouzou
<b>5</b>	Buchrieser Julian	HKU1 entry and replication
<b>6</b>	Couderc Elodie	Dengue virus susceptibility in Aedes aegypti mosquitoes linked to natural cytochrome P450 variants
<b>7 Flash</b>	Davoust-Nataf Nathalie	Translational control of acute inflammatory response in bone marrow derived macrophages : characterization of the ribosomal interactome
<b>8</b>	De Kathakali	Mechanistic studies to unravel the mode of action of mimetics of Antimicrobial peptides
<b>9</b>	Dolange Victoria	Development of monoclonal antibodies and immunoassays targeting VlsE for early and specific Lyme Disease diagnostics
<b>10</b>	Fine Joan	Influence of the infection by Mycobacterium tuberculosis on the host's ability to control viral superinfection
<b>11</b>	Fogang Balotin	Plasmodium falciparum establishes chronic infections through high var gene expression switching rate
<b>12</b>	Fremont-Debaene Zoé	Mechanisms of cytokine secretion inhibition by HRV16 in macrophages
<b>13</b>	Giraud Emilie	Antiviral platform for evaluation of new therapeutics against native respiratory viruses and arboviruses.
<b>14 Flash</b>	Guivarch Marine	Skin TSLP acts on a non-canonical DC subset to promote GATA3+ Treg
<b>15</b>	Haas Gabrielle	FADD is recruited to activated STING oligomers to initiate NF- $\kappa$ B signaling in Drosophila melanogaster
<b>16</b>	Hérate Cécile	Difference in the efficacy of the modified-vaccinia Ankara vaccine as pre-exposure and post-exposure prophylaxis against sexual transmission of monkeypox virus clade IIb in Cynomolgus Macaques
<b>17</b>	Keumoe Rodrigue	Dual Organelle Accumulation and Multi-Target Profiling of benzylmenadiones in Plasmodium falciparum
<b>18</b>	Leite Thiago	The role of hemocytes during arbovirus infection in Aedes aegypti mosquitoes.

<b>19 Flash</b>	Maisonnasse Pauline	Early B Cell Maturation and Immune Evasion Mechanisms in PRRSV-1 Infection
<b>20 Flash</b>	Marchand Sarah	Adapting LIBRA-seq/BEAM to whole BK polyomavirus particles to identify broadly-specific human monoclonal antibodies.
<b>21</b>	Marois Eric	Genetic engineering of the tiger mosquito <i>Aedes albopictus</i> for vector control
<b>22</b>	Mastrippolito Dylan	Validation of a murine model of MASH with autophagy defects for studying autophagy modulators
<b>23</b>	Nguyen Hang	Impact of Western diet on host - AIEC (adherent-invasive <i>E. coli</i> ) interaction in Crohn's disease: from better understanding to therapeutic targets
<b>24</b>	Pisheh Nafiseh	Study of epigenetic changes underlying adaptation to an immune challenge in <i>Drosophila melanogaster</i>
<b>25</b>	Rochard Lucie	Unveiling the Interplay Between Infections and Non-Communicable Diseases: A Comprehensive Initiative
<b>26</b>	Sabbah Ahmad	Shigella, shigellosis and immune response
<b>27</b>	Schlauch Jasmin	Mechanism of action of antimicrobial peptides and of their lipid-mediated synergistic interactions
<b>28</b>	Schlecht-Louf Géraldine	Highlighting the roles of ACKR3 in skin homeostasis and response to UV light-induced damage
<b>29</b>	Sencio Valentin	Intranasal BCG immunization protects against <i>Streptococcus pneumoniae</i> through the alteration of macrophage activity
<b>30</b>	Sereme Youssouf	Caractérisation préclinique d'une souche vaccinale de <i>Pseudomonas aeruginosa</i> in vitro et in vivo chez la souris
<b>31</b>	Sissoko Abdoulaye	Ravidasvir to cure and control malaria: from physiologically relevant clues in vitro to a fast-track clinical development
<b>32</b>	Souriac Lucie	A Toxin-Antidote Gene Drive carrying an antiviral gene as a tool to fight arboviruses in <i>Aedes aegypti</i>
<b>33</b>	Sylverius Debora	Nouveaux modèles cellulaires permettant la détection du parvovirus B19: Étude du cycle viral et de la relation hôte/pathogène
<b>34 Flash</b>	Tabiat Tarek	Investigating the role of peripheral macrophages in Parkinson's disease
<b>35</b>	Torii Shiho	Polygenic viral factors enable efficient mosquito-borne transmission of African Zika virus.
<b>36</b>	Vial Thomas	Metabolic shifts in <i>Aedes aegypti</i> mosquitoes after dengue virus exposure
<b>37</b>	Voisin Benjamin	Tissue-engineered human skin model allows monitoring of arboviral cutaneous infections introduced by live mosquitoes
<b>38</b>	Hugh Watson	Within-household transmission and kinetics of chikungunya virus during an outbreak in Cambodia