

ID No.	K3010
Project Title	Systems Immunology of human vaccine and immunotherapy
Principal Investigator	Peter Katsikis (Prof. and Head, Erasmus MC, Univ. Medical Center Rotterdam)
Project Members IMSUT Host Researcher Members	<p>Ken J. Ishii (Prof., IMSUT)</p> <p>Melisa D. Castro Eiro (Posdoc., Erasmus Univ.)</p> <p>Quentin Sattentau (Prof., Oxford Univ.)</p> <p>Kouji Kobiyama (Associate Prof., IMSUT)</p> <p>Hideo Negishi (Senior Assistant Prof., IMSUT)</p> <p>Burcu Temizoz (Assistant Prof., IMSUT)</p> <p>Tomoya Hayashi (Posdoc., IMSUT)</p> <p>Kou Hioki (D2/CBMS, IMSUT)</p>
Report	<p>In the side of Peter Katsikis's lab, they started experiments with our original adjuvant K3-SPG, and got interesting results which may lead to big project. In relation to this project, they came to IMSUT for discussion, and Katsikis's also gave an open lecture in IMSUT. Each adjuvant (many are TLR ligands, and nano-particles) were administered to mice mainly at the tail base (intradermal; i.d.), but also by i.p., i.m. and i.n.. In each animal experiment, we tested up to five different adjuvants, with an appropriate buffer control group (PBS(-) in many cases).</p>