

Supplementary Information

Adamantane containing peptidoglycan fragments enhance RANTES and IL-6 production in lipopolysaccharide-induced macrophages

Mateja Manček-Keber ^{1,8,†}, Rosana Ribić ^{2,†}, Fernando Chain ³, Davy Sinnaeve ^{3,4,5}, José C. Martins ³, Roman Jerala ^{1,8}, Srđanka Tomić ⁶ and Krisztina Fehér ^{7,8*}

¹ Department of Synthetic Biology and Immunology, National Institute of Chemistry, Hajdrihova 19, POBox 660, SI-1001 Ljubljana, Slovenia; mateja.mancek@ki.si (M. M.-K.), roman.jerala@ki.si (R. J.)

² University center Varaždin, University North, Jurja Križanića 31b, HR-42 000, Varaždin, Croatia; rosana.ribic@unin.hr (R.R.);

³ Department of Organic and Macromolecular Chemistry, Ghent University, Krijgslaan 281 S4, 9000, Ghent, Belgium; fernando.chain@ugent.be (F. C.), Davy.Sinnaeve@ugent.be (D.S.), jose.martins@ugent.be (J. C. M.)

⁴ Univ. Lille, Inserm, Institut Pasteur de Lille, CHU Lille, U1167 - Labex DISTALZ - RID-AGE - Risk Factors and Molecular Determinants of Aging-Related Diseases, F-59000 Lille, France

⁵ CNRS, ERL9002 - Integrative Structural Biology, F-59000 Lille, France

⁶ Department of Chemistry, Faculty of Science, University of Zagreb, Horvatovac 102A, HR-10 000, Zagreb, Croatia; stomic@chem.pmf.hr

⁶ Heidelberg Institute for Theoretical Studies, Schloss-Wolfsbrunnenweg 35, 69118 Heidelberg, Germany; feher.krisztina@h-its.org

⁷ Molecular Recognition and Interaction Research Group, Hungarian Academy of Sciences, University of Debrecen, Egyetem tér 1, H-4032 Debrecen, Hungary

⁸ Centre of Excellence EN-FIST, SI-1000 Ljubljana, Slovenia

* Correspondence: feher.krisztina@science.unideb.hu, feher.krisztina@h-its.org Tel.: +36 52 512900 Fax: +36 52 518 660

Figure S1 Size distribution of the liposome preparation made from L-alpha-phosphatidylcholine (PC) after sonication.

