

Supplementary information

Delayed development of systemic immunity in preterm pigs as a model of preterm infants

Duc Ninh Nguyen¹, Pingping Jiang¹, Hanne Frøkiær², Peter M.H. Heegaard³, Thomas Thymann¹, Per T. Sangild^{1,4*}

¹*Section of Comparative Pediatrics and Nutrition, Department of Veterinary Clinical and Animal Sciences, University of Copenhagen, Denmark*

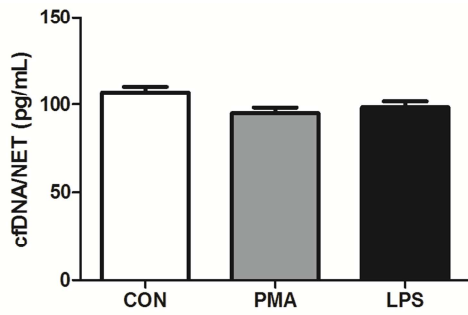
²*Department of Veterinary Disease Biology, University of Copenhagen, Denmark*

³*National Veterinary Institute, Technical University of Denmark, Frederiksberg, Denmark*

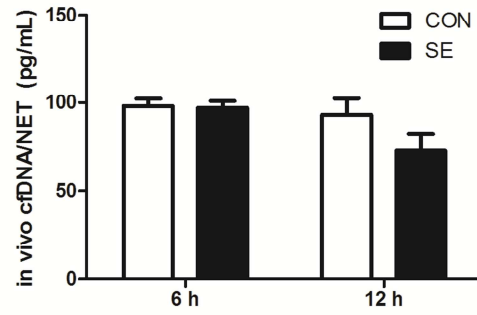
⁴*Department of Pediatrics and Adolescent Medicine, Rigshospitalet, Copenhagen, Denmark*

Corresponding author: Per T. Sangild, Section of Comparative Pediatrics and Nutrition, Department of Veterinary Clinical and Animal Sciences, University of Copenhagen, Dyrlægevej 68, DK-1870 Frederiksberg C, Denmark. Tel: +45 35 33 26 98, Fax: +45 35 33 24 83, Email: pts@sund.ku.dk

a Preterm NET induction ex vivo: plasma cfDNA



b Preterm NET induction in vivo: plasma cfDNA



Supplementary Figure S1: Impairment of *ex vivo* and *in vivo* NET production in newborn preterm pigs. a: Plasma cfDNA levels following *ex vivo* stimulation of whole blood with 100 ng/mL PMA or 1 μ g/mL LPS for 3 h (n = 61). b: Plasma cfDNA levels from pigs following infusion of systemic saline or *S.epidermidis* (5×10^9 cells/kg) for 6-12 h (n = 6). SE: *S.epidermidis*