Obesity and Type 2 Diabetes mellitus induce lipopolysaccharide tolerance in rat neutrophils.

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Figure S1

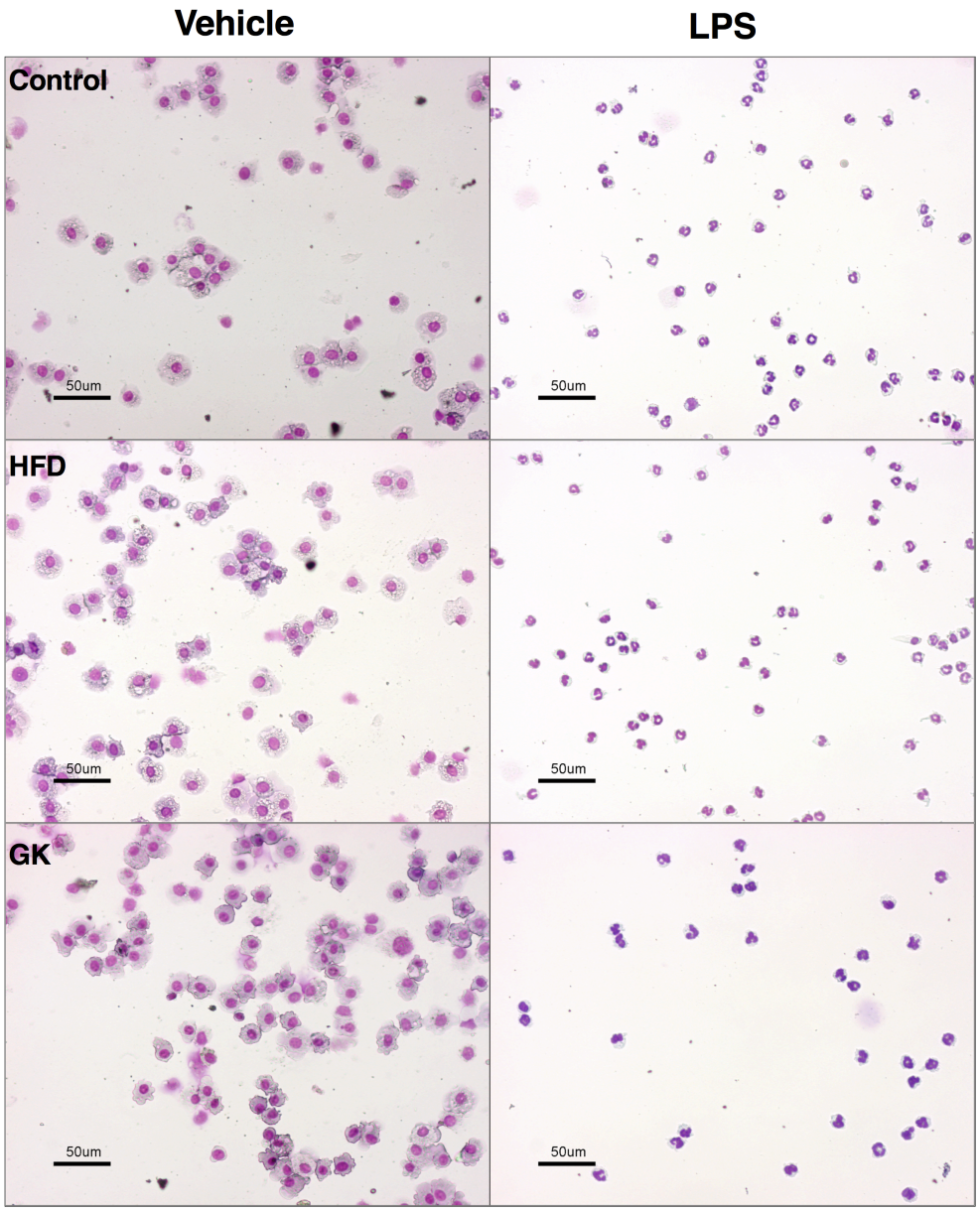


Figure S1. Cells collected from bronchoalveolar lavage (BAL) after vehicle or LPS intratracheal instillation. After 6 hours of vehicle instillation only macrophages were collected from the BAL of all studied groups. LPS stimulus for 6h promoted neutrophil infiltration. Cells were stained with a hematology staining kit. Control (n=6); HFD (n=6) and GK (n=6).

Table S1. Primers sequences, Nm and product length of the genes analyzed.

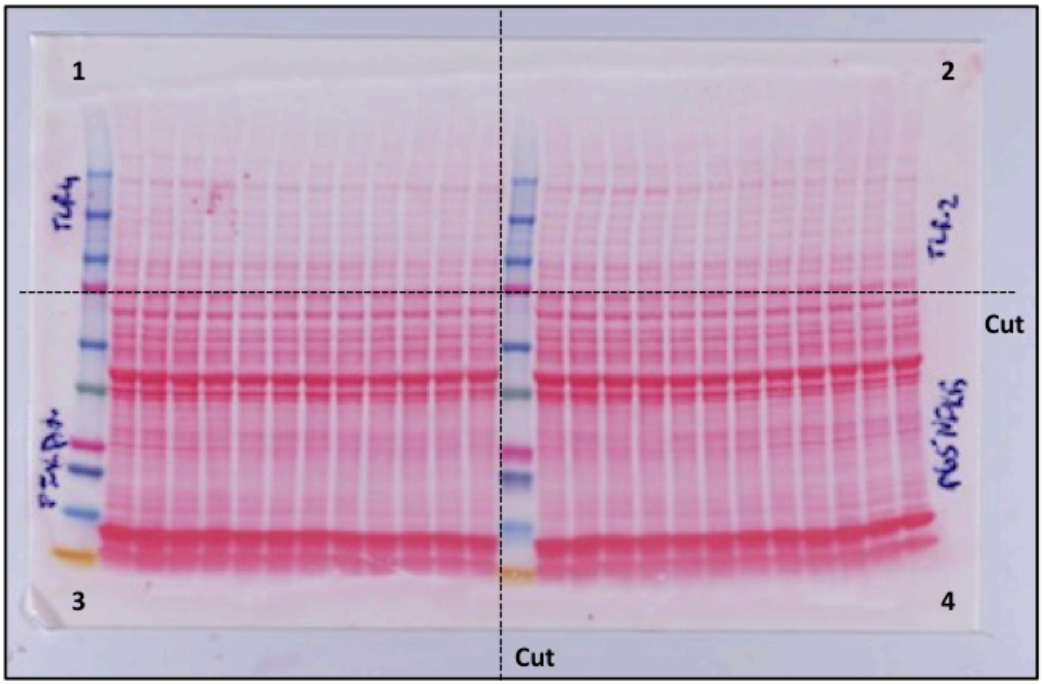
Table S1

Gene	Primers	Nm	Product lenght
IL-1β	S: AAATGCCTCGTGCTGTCTGA AS: AGGCCACAGGGATTTTGTCG	NM_031512.2	133 bp
IL-6	S: AGAGACTTCCAGCCAGTTGC AS: AGTCTCCTCTCCGGACTTGT	NM_012589.2	85 bp
IL-18	S: AACCGCAGTAATACGGAGCAT AS: CGTTGGCTGTTCGGTCGATA	NM_019165.1	101 bp
IL-10	S: CCTCTGGATACAGCTGCGAC AS: ATGGCCTTGTAGACACCTTTGT	NM_012854.2	120 bp
TNF-α	S: CTGTGCCTCAGCCTCTTCTC AS: ACTGATGAGAGGGAGCCCAT	NM_012675.3	126 bp
CXCL-1	S: CCACACTCAAGAATGGTCGC AS: ACTTGGGGACACCCTTTAGC	NM_030845.1	93 bp
CXCL-2	S: CACCAACCATCAGGGTACAGG AS: TTGGTAGGGTCGTCAGGCA	NM_053647.1	71 bp
CXCL-3	S:AGCCACTCTCAAGGATGGTCAA AS: ACAGGGAGGGGCTCTTCAGTA	NM_138522.1	95 bp
LFA-1	S: ATCGCACACACATGGACTGT AS: GCTTCCCTGGTTGGCTTCTT	NM_01033998	80 bp
ICAM-1	S: GCCTGGGGTTGGAGACTAAC AS: CTGTCTTCCCCAATGTCGCT	NM_012967.1	91 bp
ICAM-2	S: ATGAGCCTCCAGCTCAGGTA AS: AGAGCAGAGAGAGGGTGAGG	NM_10077251	126 bp
Itgb2	S: GTTTCAGACAGAGGTCGGCA AS: AATTTCCTCCGGACAGGCAG	NM_10377802	103 bp
TLR4	S: TCCACAAGAGCCGGAAAGTT AS: TGAAGATGATGCCAGAGCGG	NM_019178.1	126 bp
TLR2	S: ATCACTGCACCCTCAATGGG AS: TGTGCAGGCTCCGTATTGTT	NM_198769.2	102 bp
MyD88	S: GAGAGCAGTGTCCCACAGAC AS: AGCAGATGAAGGCGTCGAAA	NM_198130.1	97 bp
TRIF	S: GACTAGAAGTCAGCCTCGCC AS: GCCGGTGGAGTGTAACGTAT	XM_08757917	70 bp
TRAF6	S: CGCCAAAATGGAAACGCAGA AS: TGCTTCCATCTCGGCAACTT	NM_01107754	88 bp
FADD	S: TGAGGCCAAGATTGATGGCA AS: GAGGCGTTCTCCTTCTCGAC	NM_152937.2	105 bp
IRAK1	S: CTCTCCCCAGCTTTTCCAGG AS: GAGGAGGGGGCTGAAGATTG	NM_01127555	107 bp
IRAK2	S: ACATCTACCAGCTGCCGTCC AS: TCCCACTCACTGAGCGTGTC	NM_01025422	70 bp
IRAK4	S: CCAGTCCAGGCCATCAAAGT AS: CCGATAGACACAGGTCGCTC	NM_01106791	122 bp

IRF3	S: GATGAGGGGTCCTCAGACCT AS: TGCTGGGTTTGGGAAGTTGT	NM_01006969	87 bp
NFKB2	S: ATGCCGGAGAATGAAGAGCC AS: AGCGTTCAACAGCAGGGTC	NM_00100834	162 bp
RPL37a	S:CGCTAAGTACACTTGCTCCTTCTG AS: GCCACTGTTTTCATGCAGGAAC	NM_00120531	91 bp
CyB	S: CTCCGTGGCCAACGATAAGA AS: AGGTCACTCGTCCTACAGGT	NM_022536.2	95 bp
HPRT1	S: GCGAAAGTGGAAAAGCCAAGT AS:GCCACATCAACAGGACTCTTTAG	NM_012583.2	98 bp

Full length Blots (Western Blot Figure 8)

Ponceau Staining



Membrane was cropped in four membranes in order to incubate with the specific antibodies. For NFKB and IKBa, membranes 3 and 4 were stripped and incubated with the specific antibodies.

TLR4

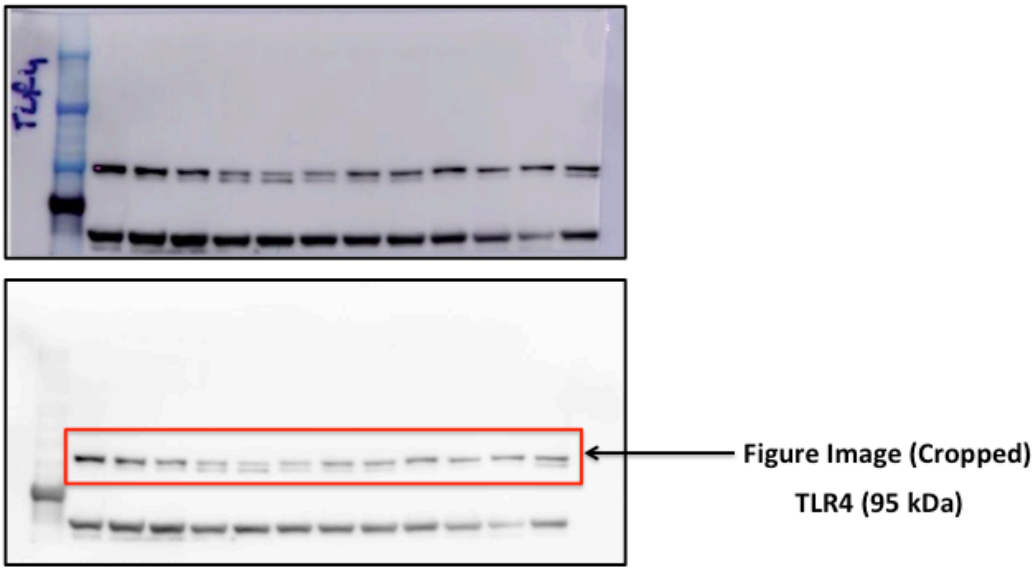
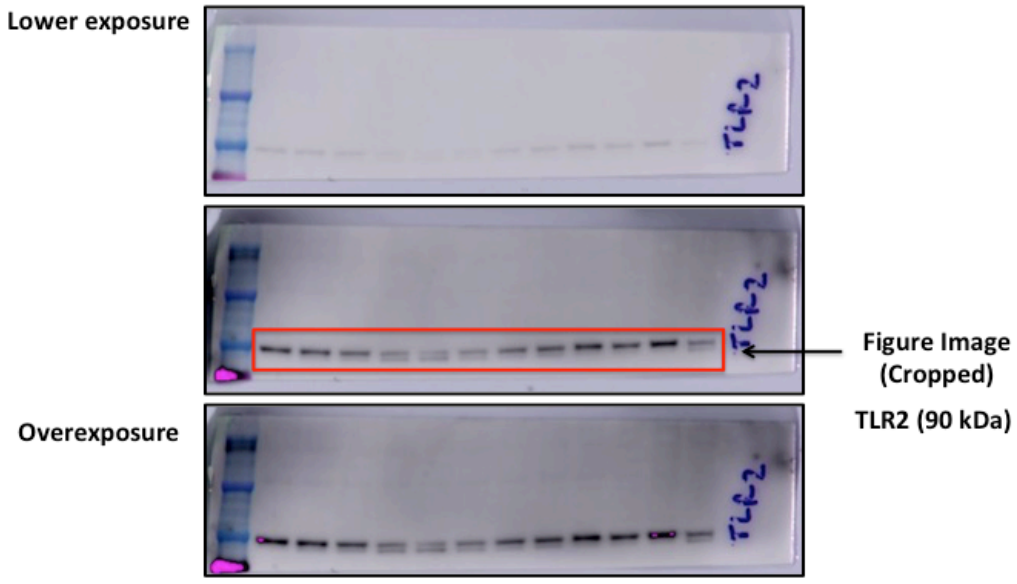
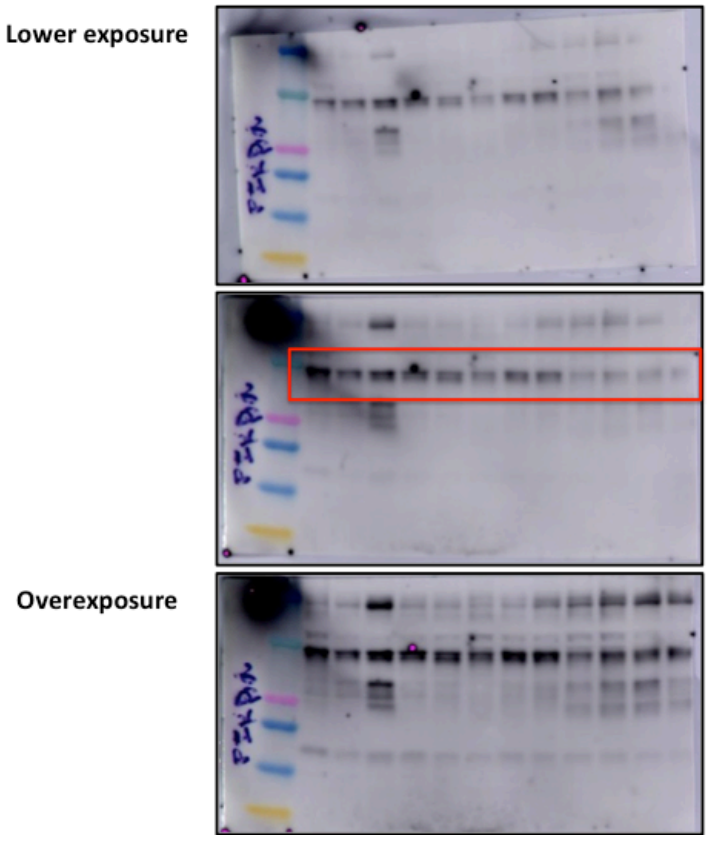


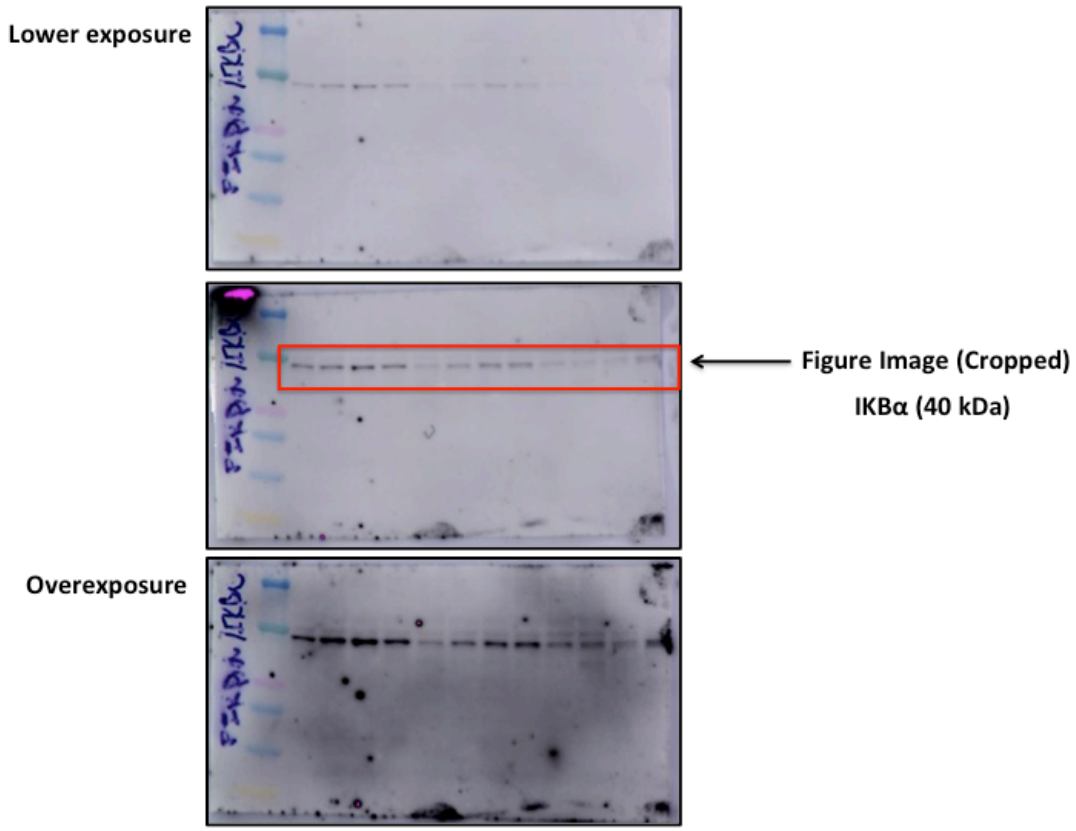
Figure Image (Cropped)
TLR4 (95 kDa)

TLR2


Lower exposure
Figure Image (Cropped)
TLR2 (90 kDa)
Overexposure

pIKBα/IKBα


Lower exposure
Figure Image
(Cropped)
phospho-IKBα (40 kDa)
Overexposure


Lower exposure
Figure Image (Cropped)
IKBα (40 kDa)
Overexposure

pNFκB/NFκB

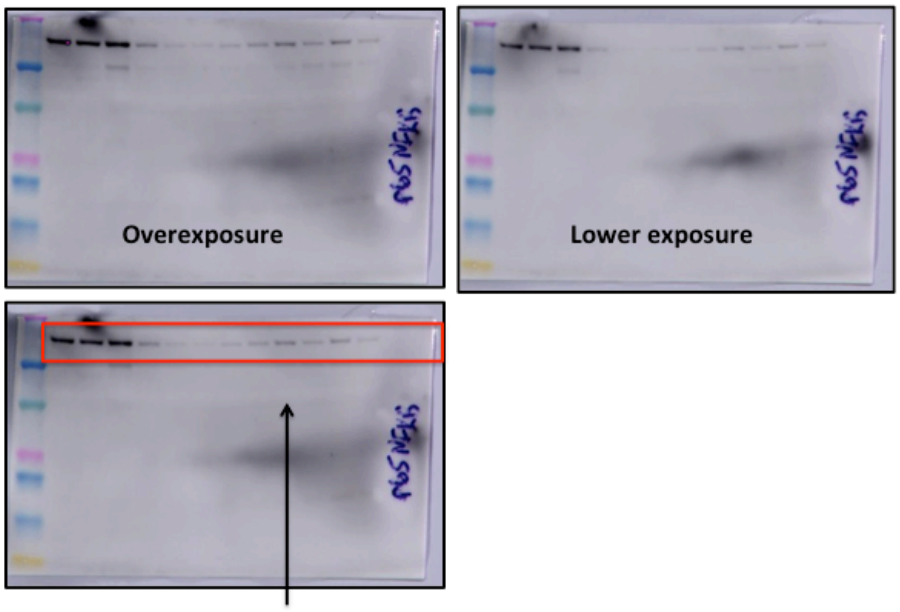


Figure Image (Cropped)
Phospho-NFκB (65 kDa)

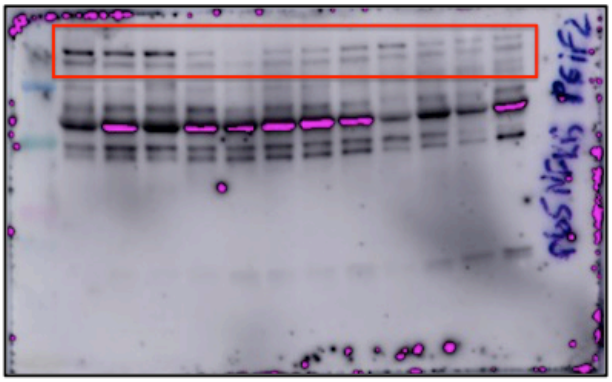


Figure Image
(Cropped)
NFκB (65 kDa)

Caspase 3

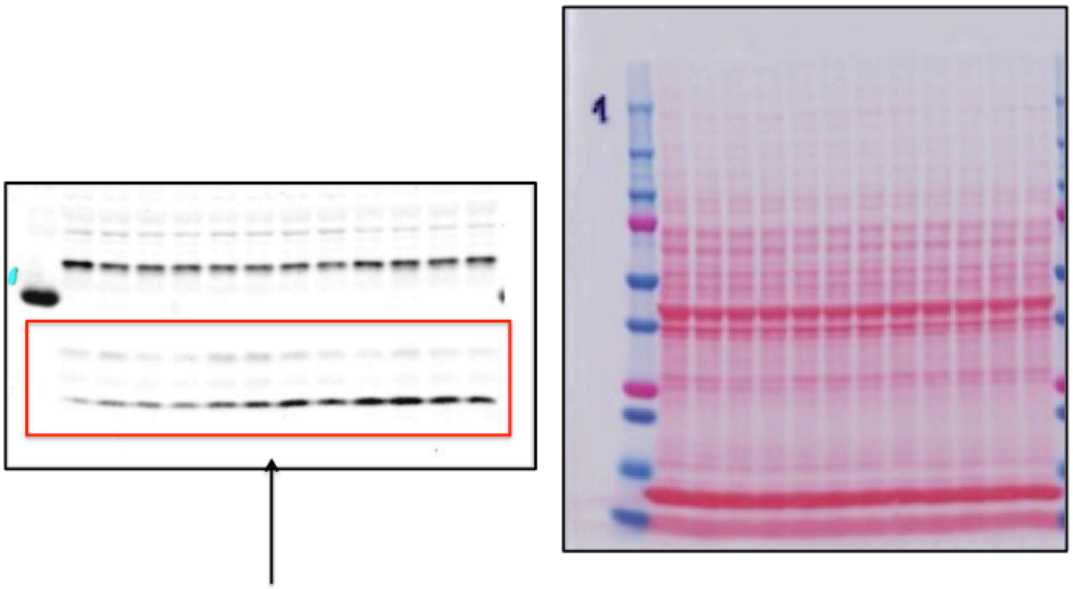


Figure Image (Cropped)
Cleaved Caspase 3 (19, 17 kDa)