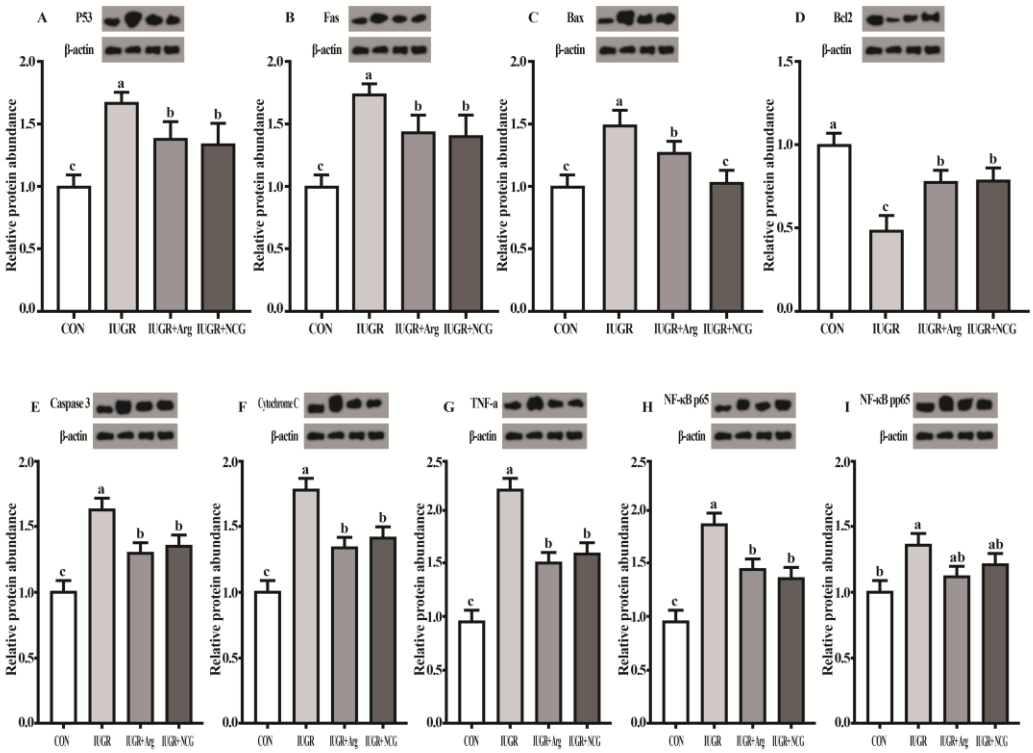
The supplementary material

FIGURE 1: Effects of dietary L-arginine and N-carbamylglutamate supplementation on the relative protein expressions of selected inflammatory and apoptotic genes in the liver of IUGR suckling lambs. P53 (A), Fas (B), Bax (C), Bcl2 (D), caspase 3 (E), cytochrome C (F)，TNF-α (G), NF-κB p65 (H), and NF-κB pp65 (I) were determined. Values are means, with standard errors represented by vertical bars. The protein expression value = densitometry units of selected protein/densitometry units of β-actin detected by Western blotting. p53, protein 53; Bax, Bcl-2 associated X protein; Bcl-2, B-cell lymphoma 2; Fas, apoptosis antigen 1; TNF-α, tumour necrosis factor α; NF-κB, nuclear factor kappa-B; CON, normal birth weight group given a control diet; IUGR, intrauterine growth retardation group given a control diet; IUGR+Arg, intrauterine growth retardation group given a arginine-supplemented diet; IUGR+NCG, intrauterine growth retardation group given a N-carbamylglutamate-supplemented diet. *n*=12/group. Mean values in columns with unlike superscript letters were significantly different ($P < 0.05$).


A
P53
β-actin
B
Fas
β-actin
C
Bax
β-actin
D
Bcl2
β-actin
E
Caspase 3
β-actin
F
Cytochrome C
β-actin
G
TNF-α
β-actin
H
NF-κB p65
β-actin
I
NF-κB pp65
β-actin
Relative protein abundance
CON
IUGR
IUGR+Arg
IUGR+NCG

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