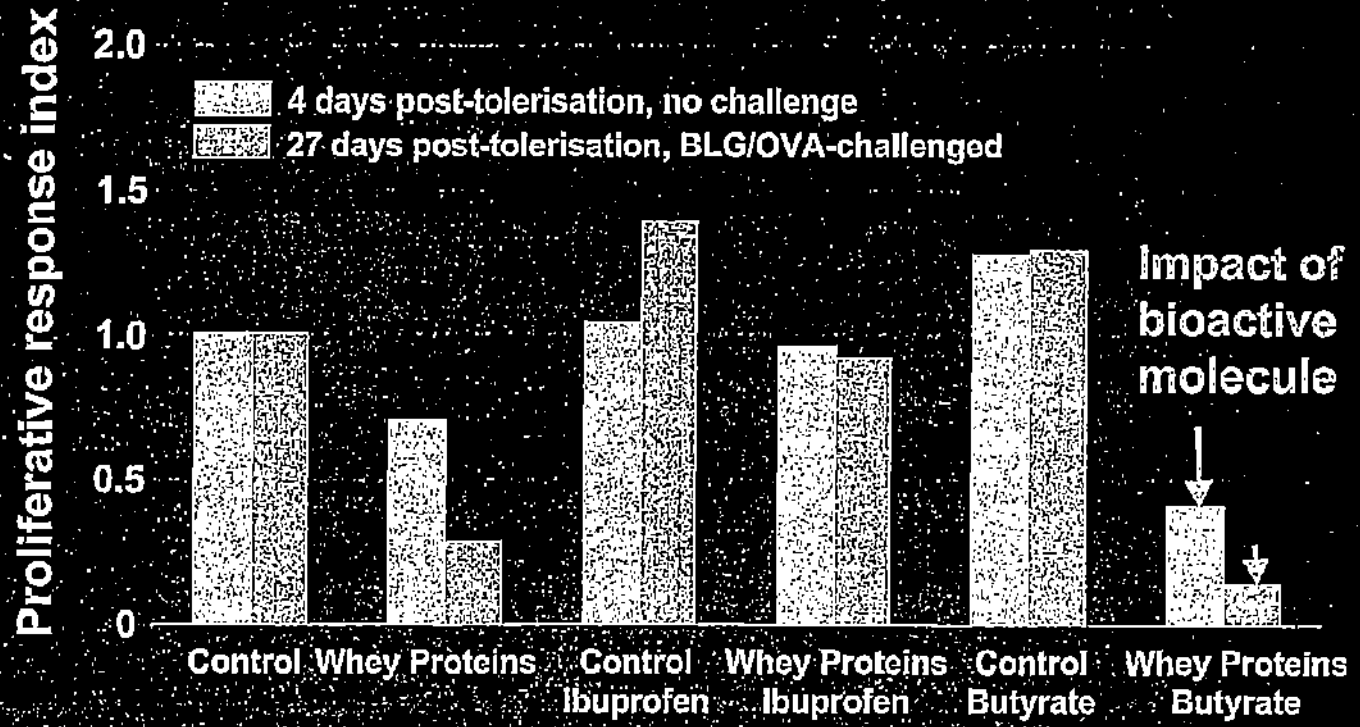
NRC Nestlé Research Center

Nestlé

Figure 1: Drug and nutrient treatments during tolerisation modulate cellular immune response

(BLG-specific Proliferation Stimulation Indices)



1/3

15 JUN 2005

NRC Nestlé Research Center
Nestlé
Figure 2: Drug and nutrient treatments during tolerisation modulate humoral immune response to BLG
(Seric anti-BLG IgE titres)
Seric anti-BLG IgE
log (1/dil)
4
3
2
1
a
b
Impact of bioactive molecule
Control
Whey Proteins
Control
Whey Proteins
Control
Whey Proteins
Ibuprofen
Ibuprofen
Butyrate
Butyrate
Treatments
n=5
p<0.05
NRC/NT - MTu/ 2000-10-24
3

NRC Nestlé Research Center
Figure 3: Early measurement of PGE2 and INFγ assess Oral Tolerance Induction
Nestlé
PGE2
Proliferation
INFγ
Ex-vivo measurements
(% of tolerised control)
160
140
120
100
80
60
40
20
0
Ibuprofen1
Tolerised
Butyrate
Control
1These values are similar to non-tolerised control group
NRC/NT - MTu/ 2000-10-24
4