ERRATUM

Multifaceted role of β -arrestins in inflammation and disease

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Since the online publication of this article, the authors have noticed that Table 3 was published incorrectly. The corrected Table 3 is shown here.

The typesetters would like to apologise for this error.

This error has now been rectified, and the corrected article appears in this issue. The html and online pdf versions have also been rectified, and now carry the corrected paper.

Table 3. Role of β -arrestins in inflammatory diseases

Disease /model	System	Outcome	Mechanism	Reference
MS/EAE	β -arr1 ^{-/-}	Protected	β -arr1 upregulates bcl-2; survival benefit to activated T cells	51
	β -arr1 ^{tg}	Susceptible		
	β -arr2 ^{-/-}	Susceptible	Lower Treg induction	103
Meningitis/cytotoxicity to <i>C. neoformans</i>	PBMC- β -arr2 OE	Lower	Negative regulation of IFN γ production	153
	PBMC- β -arr2 KD	Higher		
Asthma/OVA sensitized model	β -arr2 ^{-/-}	Protective	Lower immune cell infiltration and airway hyperresponsiveness	70,119
Endotoxemia/LPS	β -arr1 ^{-/-}	Protective	Lower systemic response (IFN γ)	148
	β -arr2 ^{-/-}	Protective	Lower systemic response (IFN γ)	
	(20 mg kg ⁻¹)			
	β -arr2 ^{-/-}	Susceptible	Lower IL-10 production	149
	(10 mg kg ⁻¹)			
Endotoxemia/D-galactosamine+LPS	β -arr2 ^{-/-}	Susceptible	Higher systemic response (TNF α and IL-6)	85
Sepsis/cecal ligation and puncture or polymicrobial injection	β -arr1 ^{-/-}	Susceptible	Higher systemic response (IL-6); nonhematopoietic β -arr1 inhibits inflammation	57
	β -arr1 ^{+/-}	No effect	Similar systemic response (IL-6)	56,86
	β -arr2 ^{-/-}	Susceptible	Higher systemic response (IL-6)	56
	β -arr2 ^{+/-}	No effect	Similar systemic response (IL-6)	132
Myocardial infarction	β -arr1 ^{-/-}	Protective	Tissue remodeling through inflammation and neurohormonal modulation	133
	β -arr2 ^{-/-}	Susceptible	Higher inflammation	124
Colitis/DSS or TNBS	β -arr1 ^{-/-}	Protective	Lower IL-6 and higher IL-22 production	104
	β -arr2 ^{-/-}	Susceptible	Higher inflammatory response	125
	β -arr2 ^{-/-}	Protective	Lower ER stress-induced epithelial apoptosis	107
Arthritis/CAIA	β -arr1 ^{-/-}	Protective	Lower Th17 polarization	121
	β -arr2 ^{-/-}	Susceptible	Loss of anti-inflammatory regulation	137
Pulmonary fibrosis/bleomycin-induced lung fibrosis	β -arr1/2 ^{-/-}	Protective	Altered expression of genes involved in matrix production and degradation	141,142
Cystic fibrosis/CFTR ^{-/-}	β -arr2 ^{-/-}	?	Lower cholesterol synthesis and CREB activation	145
Cutaneous flushing/nicotinic acid injection	β -arr1 ^{-/-}	Reduced	Lowered prostaglandin D2 production	