

Importance of Myeloid Dendritic Cells in Persistent Airway Disease After Repeated Allergen Exposure

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Online Data Supplement

Table E1. Comparison of protocol and outcome in repeated allergen challenge models.

Reference	Cho J. et al (55)	Leigh R. et al (60)	Johnson J. et al (56)	Shinagawa K. et al (57)	Temelkovski J. et al (58)	Sakai K. et al (59)	Current Study
Strain	BALB/c	BALB/c	BALB/c	A/J	BALB/c	BALB/c	BALB/c C57BL/6
Antigen	OVA	OVA	HDM	OVA	OVA	OVA	OVA
Sensitization	s.c.	i.p.	-	-	i.p.	i.p.	i.p.
challenge	i.n.	i.n.	i.n.	i.n.	Neb	Neb	Neb
Frequency	2times/w	2times/2w	5times/w	3times/w	3times/w	3times/w	2times/w
Duration	12weeks	10weeks	5weeks	12weeks	8weeks	8weeks	6weeks

Comparison of end point vs earlier point

AHR	→#	→*	?	→#	→#	↓#	↓
Eosinophilia in BALF	↓	↓	→	→	?	↓	↓
in Tissue	?	↓	?	?	↑	↓	↓
Th2 cytokine elevation	→	↓	→	↓	?	↓	↓
Mucus metaplasia	↑	→	?	→	→	↓	↓
Collagen deposition	→	→	→	↑	→	→	↓
Airway smooth muscle	→	→	↑	↑	?	?	↓

HDM:House Dust Mite, i.p.:intraperitoneal, i.n.:intranasal. s.c. :subcutaneous.. ?:unknown. - : not done.

↓ : decrease ↑ : increase → : maintain * : methacholine i.v. # : Penh