

Inflammation & Immunology: List of validated models

Disease	Animal model	Test Species
Acute Inflammation	Air pouch inflammation	Mice
	Anti-CD3 induced oral inflammation	Mice PD Model
	Carrageenan induced paw edema	Mice
	ConA induced acute hepatitis	Mice
	Hypersensitivity: mBSA, KLH, oxazolone induced DTH model	Rat and mice
	IL-12 induced IFN-gamma release	Mice
	LPS induced pulmonary inflammation	Mice
	LPS induced systemic inflammation	Mice
	MOG/Ovalbumin induced cytokine release & cell proliferation	Mice
	TGF-β induced acute pulmonary injury	Mice
	Thioglycolate induced peritoneal inflammation	Mice
	Zymosan induced peritoneal inflammation	Mice
	Zymosan induced pulmonary inflammation	Rat and mice
Acne	Hamster model of sebaceous gland hypertrophy	Hamster
Arthritis	Adjuvant induced arthritis	Rat
	Collagen antibody induced arthritis	Mice
	Collagen induced arthritis	Rat and Mice
	Medial meniscal tear osteoarthritis	Rat
	MIA induced osteoarthritis	Rat
Dermatitis	Oxazolone Induced dermatitis	Mice
	TPA induced chronic inflammation/ epidermal hyperplasia	Mice
Humanized Mouse	Oxazolone induced dermatitis in huNOG-Ex1 mice	Mice
IBD	DSS induced acute and chronic colitis	Mice
	Oxazolone induced colitis	Mice
	TNBS colitis	Mice
Itch	Chloroquine induced itch	Mice
Multiple Sclerosis	MOG ₃₅₋₅₅ induced chronic EAE	Mice
	PLP ₁₃₁₋₁₅₅ induced adoptive transfer EAE	Mice
	PLP ₁₃₁₋₁₅₅ induced relapse-remitting EAE	Mice
Psoriasis	IL-23 induced	Mice
	Imiquimod induced	Mice
	TPA induced acute inflammation	Mice
Sepsis	Cecal ligation and puncture induced sepsis and acute kidney injury	Mice
	LPS induced sepsis and acute kidney injury	Mice
Systemic Lupus Nephritis	MRL lpr model of lupus nephritis	Mice

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