

Molecular Allergology:

The future of IgE sensitization detection



	Common Name (Sci Abbr)	Treatable	Unavailable
Grass Pollens	Bahia (Pas n)	T	
	Bermuda (Cyn d 1)	T	
	Bermuda (Cyn d)	T	
	Bluegrass/June (Poa p)	T	
	Cultivated Rye (Sec c_pollen)	T	
	Johnson (Sor h)	T	
	Meadow fescue (Fes p)	T	
	Orchard (Dac g)	T	
	Perennial Rye (Lol p 1)	T	
	Timothy (Phl p 1)	T	
	Timothy (Phl p 2)	T	
	Timothy (Phl p 5.0101)	T	
Weed Pollens	Timothy (Phl p 6)	T	
	Timothy (Phl p 7)	T	
	Timothy (Phl p 12)	T	
	Annual Mercury (Mer a 1)		
	Dock/Sorrel (Rum a_Rum c)	T	
	English Plantain (Pla l)	T	
	English Plantain (Pla l 1)	T	
	Lamb's Quarter (Che a)	T	
	Lamb's Quarter (Che a 1)	T	
	Mugwort (Art v)	T	
	Mugwort (Art v 1)	T	
	Mugwort (Art v 3)	T	
	Nettle (Urt d)	T	
	Pigweed (Ama r)	T	
	Ragweed (Amb a)	T	
	Ragweed (Amb a 1)	T	
	Ragweed (Amb a 4)	T	
Tree Pollens	Russian Thistle (Sal k)	T	
	Russian Thistle (Sal k 1)	T	
	Wall Pellitory (Par j)	T	
	Wall Pellitory (Par j 2)	T	
	Acacia (Aca m)	T	
	Alder (Aln g)	T	
	Alder (Aln g 1)	T	
	Alder (Aln g 4)	T	
	Arizona Cypress (Cup a 1)	T	
	Ash (Fra e)	T	
	Ash (Fra e 1)	T	
	Beech (Fag s 1)	T	
	Cottonwood (Pop n)	T	
	Cypress (Cup s)	T	
	Elm (Ulm c)	T	
	Hazelnut (Cor a_pollen)	T	
	Hazelnut (Cor a 1.0103)	T	
	Japanese Cedar (Cry j 1)	T	
	London Plane (Pla a 1)	T	
	London Plane (Pla a 2)	T	
	London Plane (Pla a 3)	T	
	Mountain / Red Cedar (Jun a_Jun v)	T	
	Mulberry (Mor r)	T	
	Olive (Ole e_pollen)	T	
Other	Olive (Ole e 1)	T	
	Olive (Ole e 7)	T	
	Olive (Ole e 9)	T	
	Privet (Lig v)	T	
	Silver Birch (Bet v)	T	
	Silver Birch (Bet v 1)	T	
	Silver Birch (Bet v 2)	T	
	Silver Birch (Bet v 6)	T	
	Walnut (Jug r_pollen)	T	
	Common Name (Sci Abbr)	Treatable	Unavailable
	Latex (Hev b 1)		Canine, Feline
	Latex (Hev b 3)		Canine, Feline
	Latex (Hev b 5)		Canine, Feline
	Latex (Hev b 6.02)		Canine, Feline
	Latex (Hev b 11)		Canine, Feline
	Roundworm (Toxo c 3)		Equine, Feline
	Roundworm (Toxo c 13)		Equine, Feline

	Common Name (Sci Name)	Treatable	Unavailable
Mites	Acarus Siro (Aca s)	T	
	B. tropicalis (storage mite) (Blo t)		
	B. tropicalis (storage mite) (Blo t 5)		
	B. tropicalis (storage mite) (Blo t 10)		
	B. tropicalis (storage mite) (Blo t 21)		
	D. farinae (Dust Mite) (Der f)	T	
	D. farinae (Dust Mite) (Der f 1)	T	
	D. farinae (Dust Mite) (Der f 2)	T	
	D. farinae (Dust Mite) (Der f 15)	T	
	D. farinae (Dust Mite) (Der f 18)	T	
	D. pteronyssinus (Dust Mite) (Der p)	T	
	D. pteronyssinus (Dust Mite) (Der p 1)	T	
	D. pteronyssinus (Dust Mite) (Der p 2)	T	
	D. pteronyssinus (Dust Mite) (Der p 5)	T	
	D. pteronyssinus (Dust Mite) (Der p 7)	T	
	D. pteronyssinus (Dust Mite) (Der p 10)	T	
	D. pteronyssinus (Dust Mite) (Der p 11)	T	
	D. pteronyssinus (Dust Mite) (Der p 20)	T	
	D. pteronyssinus (Dust Mite) (Der p 21)	T	
	D. pteronyssinus (Dust Mite) (Der p 23)	T	
Cockroaches & Insects	Glycyphagus domesticus (Gly d 2)		
	Lepido (Storage Mite) (Lep d)	T	
	Lepido (Storage Mite) (Lep d 2)	T	
	Tyrophagus (Storage Mite) (Tyr p)	T	
	Tyrophagus (Storage Mite) (Tyr p 2)	T	
	Common Name (Sci Abbr)	Treatable	Unavailable
	American Cockroach (Per a 6)	T	
	American Cockroach (Per a 7)	T	
	Cat Flea (Cte f 1)	T	Equine
	Culicoides (Cul n)	T	Feline
	Culicoides (Cul o 1)	T	Feline
	Culicoides (Cul o 2)	T	Feline
	Culicoides (Cul o 3)	T	Feline
	Culicoides (Cul o 5)	T	Feline
	Culicoides (Cul o 7)	T	Feline
	Culicoides (Cul o 8)	T	Feline
	Culicoides (Cul o 9)	T	Feline
	Culicoides (Cul o 10)	T	Feline
	Culicoides (Cul o 11)	T	Feline
	German Cockroach (Bla g)	T	
	German Cockroach (Bla g 1)	T	
	German Cockroach (Bla g 2)	T	
	German Cockroach (Bla g 4)	T	
	German Cockroach (Bla g 5)	T	
	German Cockroach (Bla g 9)	T	
	Common Wasp Venom (Ves v 1)		
	Common Wasp Venom (Ves v 5)		
	Deer Fly (Chr v)	T	Feline
	Fire Ant Venom (Sol spp)	T	
	Honey Bee Venom (Api m)		
	Honey Bee Venom (Api m 1)		
	Honey Bee Venom (Api m 2)		
	Honey Bee Venom (Api m 3)		
	Honey Bee Venom (Api m 5)		
	Honey Bee Venom (Api m 10)		
	Horse Fly (Tab spp.)	T	Canine, Feline
	Long-headed Wasp Venom (Dol spp)		
	Mosquito (Aed e)	T	
	Paper Wasp Venom (Pol d)		
	Paper Wasp Venom (Pol d 5)		
	Stable Fly (Sto c)	T	Canine, Feline

Molecular Allergology:

The era of individual components

Molds & Yeasts	Common Name (Sci Abbr)	Treatable	Unavailable
	Alternaria (Alt a)	T	
	Alternaria (Alt a 1)	T	
	Alternaria (Alt a 6)	T	
	Aspergillus (Asp f)	T	
	Aspergillus (Asp f 1)	T	
	Aspergillus (Asp f 3)	T	
	Aspergillus (Asp f 4)	T	
	Aspergillus (Asp f 6)	T	
	Aspergillus (Asp f 8)	T	
	Cladosporium (Cla h)	T	
	Cladosporium (Cla h 8)	T	
	Malassezia (Mala p)	T	
	Malassezia (Mala s 1)	T	
	Malassezia (Mala s 5)	T	
	Malassezia (Mala s 6)	T	
	Malassezia (Mala s 9)	T	
	Malassezia (Mala s 11)	T	
	Penicillium (Pen ch)	T	

Epidermals

Common Name (Sci Abbr)	Treatable	Unavailable
Cat Epithelia (Fel d)	T	Feline
Cat Epithelia (Fel d 1)	T	Feline
Cat Epithelia (Fel d 2)	T	Feline
Cat Epithelia (Fel d 4)	T	Feline
Cat Epithelia (Fel d 7)	T	Feline
Cattle (Bos d 2)		Feline
Dog Epithelia (Can f)	T	Canine
Dog Epithelia (Can f 1)	T	Canine
Dog Epithelia (Can f 2)	T	Canine
Dog Epithelia (Can f 3)	T	Canine
Dog Epithelia (Can f 4)	T	Canine
Dog Epithelia (Can f 6)	T	Canine
Dog Epithelia (Can f_Fd1)	T	Canine
Dog urine (including Can f 5) (Can f_male urine)	T	Canine
Guinea Pig (Cav p 1)	T	Equine
Horse Epithelia (Equ c 1)	T	Equine
Horse Epithelia (Equ c 3)	T	Equine
Horse Epithelia (Equ c 4)	T	Equine
Mouse Epithelia (Mus m 1)	T	
Rabbit Epithelia (Ory c 1)	T	
Rabbit Epithelia (Ory c 2)	T	
Rabbit Epithelia (Ory c 3)	T	

Cereal & Seeds	Common Name (Sci Abbr)	Unavailable
	Barley (Hor v)	
	Buckwheat (Fag e)	
	Buckwheat (Fag e 2)	
	Corn (Zea m)	
	Corn (Zea m 14)	
	Corn (Zea m_GBSSI)	
	Cottonseed (Gos h)	
	Linseed/Flax (Lin u)	
	Lupine (Lup a)	
	Millet (Pan m)	
	Milo (Sor b)	
	Oat (Ave s)	
	Rice (Ory s)	
	Rice (Ory s_GLUB1)	
	Rye (Sec c_flour)	
	Sunflower (Hel a)	
	Wheat (Tri a)	
	Wheat (Tri a 14)	
	Wheat (Tri a 19)	
	Wheat (Tri a aA_TI)	
Fruits, Legumes & Nuts	Apple (Mal d 1)	
	Apple (Mal d 2)	
	Apple (Mal d 3)	
	Lentil (Len c)	
	Lentil (Len c 1)	
	Lentil (Len c 2)	
	Lentil (Len c 3)	
	Pea (Pis s)	
	Pea (Pis s 1)	
	Pea (Pis s 2)	
	Pea (Pis s 3)	
	Peanut (Ara h 1)	
	Peanut (Ara h 2)	
	Peanut (Ara h 3)	
	Peanut (Ara h 5)	
	Peanut (Ara h 6)	
	Peanut (Ara h 8)	
	Peanut (Ara h 9)	
	Peanut (Ara h 15)	
	Soy (Gly m)	
	Soy (Gly m 4)	
	Soy (Gly m 5)	
	Soy (Gly m 6)	
	Soy (Gly m 8)	
Vegetables	Carrot (Dau c)	
	Carrot (Dau c 1)	
	Potato (Sol t)	Equine
	Potato (Sol t 2)	Equine
	Potato (Sol t_GBSSI)	Equine
	Tomato (Sola l)	Equine
	Tomato (Sola l 6)	Equine

Eggs & Milk	Common Name (Sci Abbr)	Unavailable
	Cow Milk (Bos d_milk)	Equine
	Cow Milk (Bos d 4)	Equine
	Cow Milk (Bos d 5)	Equine
	Cow Milk (Bos d 8)	Equine
	Egg - White (Gal d_white)	Equine
	Egg - White (Gal d 1)	Equine
	Egg - White (Gal d 2)	Equine
	Egg - White (Gal d 3)	Equine
	Egg - White (Gal d 4)	Equine
	Egg - Yolk (Gal d 5)	Equine
	Egg - Yolk (Gal d_yolk)	Equine
Meats	Beef (Bos d 6)	Equine
	Beef (Bos d 7)	Equine
	Beef (Bos d_ACTA1)	Equine
	Beef (Bos d_LDHA)	Equine
	Beef (Bos d_meat)	Equine
	Chicken (Gal d 7)	Equine
	Chicken (Gal d 9)	Equine
	Chicken (Gal d_meat)	Equine
	Chicken (Gal d_PKM)	Equine
	Horse (Equ c_meat)	Equine
	Lamb (Ovi a_IgG)	Equine
	Lamb (Ovi a_meat)	Equine
	Mealworm (Ten m)	Equine
	Pig (Sus d 1)	Equine
	Pig (Sus d_meat)	Equine
	Rabbit (Ory c_CKM)	Equine
	Rabbit (Ory c_GAPDH)	Equine
	Rabbit (Ory c_PGM1)	Equine
	Rabbit (Ory c_PKM)	Equine
	Rabbit (Ory c_TPI1)	Equine
	Rabbit (Ory_meat)	Equine
Seafoods	Turkey (Mel g)	Equine
	Cod (Gad m)	Equine
	Cod (Gad m 1)	Equine
	Cod (Gad m 2+3)	Equine
	Cod (Gad m 4)	Equine
	Herring (Clu h 1)	Equine
	Herring (Clu h)	Equine
	Mackerel (Sco s)	Equine
	Mackerel (Sco s 1)	Equine
	Salmon (Sal s)	Equine
	Salmon (Sal s 1)	Equine
	Salmon (Sal s 2)	Equine
	Salmon (Sal s 3)	Equine
	Salmon (Sal s 4)	Equine
	Salmon (Sal s 6)	Equine
	Salmon (Sal s 7)	Equine
	Salmon (Sal s 8)	Equine
	Tuna (Thu a)	Equine
	Tuna (Thu a 1)	Equine

Molecular allergology is a state-of-the-art approach to the detection of sensitisations, whereby defined single allergen components are used for the determination of specific IgE in place of traditionally-used allergen extracts. The molecular components are recombinant proteins that provide a higher level of standardisation than allergen extracts and enable a more precise identification of IgE sensitizations.

Molecular allergology tests are powerful tools that help pinpoint allergy triggers, thus facilitating risk assessment and therapy decisions.

Nextmune is bringing you the first molecular allergology platform for animals, the next-generation in allergen-specific IgE serology.

