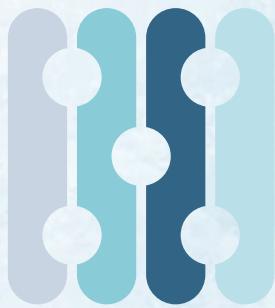


Welcome to the era of
MOLECULAR ALLERGY for animals!



PAX

pet allergy xplorer



First quantitative microarray
IgE test specifically designed
for animals

Over 200 allergen extracts
and molecular components

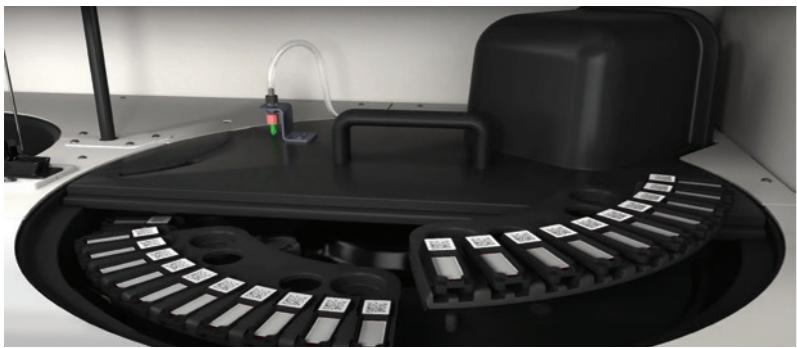
Better identification of allergen
cross-reactivities

Fully automated process, higher
level of standardisation

With CCD blocking and
2 blocking efficiency
detectors



Molecular Allergology: The future of IgE sensitisation detection



- Increase in serological test sensitivity and specificity
 - Identification of allergen cross-reactivities
 - Identification of "primary" sensitising allergens
 - Selection of relevant allergens for allergen immunotherapy



Molecular Allergology: The era of individual components

Common name			Scientific name			Extracts & Components		
Grass Pollens	Bermuda grass	<i>Cynodon dactylon</i>	Cyn d *					
			rCyn d 1					
	Orchard grass	<i>Dactylis glomerata</i>	Dac g *					
	Meadow fescue	<i>Festuca pratensis</i>	Fes p *					
	Perennial ryegrass	<i>Lolium perenne</i>	rLol p 1					
	Timothy	<i>Phleum pratense</i>	rPhl p 1					
			rPhl p 2					
			rPhl p 5.0101					
			rPhl p 6					
			rPhl p 7					
			rPhl p 12					
Kentucky blue grass	<i>Poa pratensis</i>	Poa p *						
Ryegrass, cultivated	<i>Secale cereale</i>	Sec c_pollen *						
Common name			Scientific name			Extracts & Components		
Tree Pollens			Common name			Scientific name		
Tree Pollens			Cypress	<i>Cupressus sempervirens</i>		Cup s *		
Tree Pollens			Beech	<i>Fagus sylvatica</i>		rFag s 1		
Tree Pollens			Ash	<i>Fraxinus excelsior</i>		Fra e *		
Tree Pollens						rFra e 1		
Tree Pollens			Privet	<i>Ligustrum vulgare</i>		Lig v *		
Tree Pollens						Ole e *		
Tree Pollens			Olive tree	<i>Olea Europaea</i>		nOle e 1		
Tree Pollens						rOle e 7		
Tree Pollens						rOle e 9		
Tree Pollens			London plane tree	<i>Platanus acerifolia</i>		rPla a 1		
Tree Pollens						nPla a 2		
Tree Pollens						rPla a 3		
Tree Pollens			Cottonwood	<i>Populus nigra</i>		Pop n *		
Tree Pollens			Elm	<i>Ulmus campestris</i>		Ulm c *		
Weed Pollens			Ragweed	<i>Ambrosia artemisiifolia</i>		Amb a *		
Weed Pollens						rAmb a 1		
Weed Pollens						rAmb a 4		
Weed Pollens			Mugwort	<i>Artemisia vulgaris</i>		Art v *		
Weed Pollens						rArt v 1.0101		
Weed Pollens						rArt v 3.0201		
Weed Pollens			Lamb's quarter	<i>Chenopodium album</i>		Che a *		
Weed Pollens						rChe a 1		
Common name			Scientific name			Extracts & Components		
Danders & Epithelia			Wall pellitory	<i>Parietaria judaica</i>		Par j *		
Danders & Epithelia			Ribwort / Plantain	<i>Plantago lanceolata</i>		rPar j 2		
Danders & Epithelia			Dock/Sorrel	<i>Rumex crispus / acetosella</i>		Rum c / * Rum a		
Danders & Epithelia			Russian thistle	<i>Salsola kali</i>		Sal k *		
Danders & Epithelia			Nettle	<i>Urtica dioica</i>		Urt d *		
Danders & Epithelia			Cattle	<i>Bos domesticus</i>		rBos d 2		
Danders & Epithelia			Dog	<i>Canis familiaris</i>		rCan f 1		
Danders & Epithelia						rCan f 2		
Danders & Epithelia						nCan f 3		
Danders & Epithelia						rCan f 4		
Danders & Epithelia						rCan f 6		
Danders & Epithelia						Can f_maleurine (including Can f 5) *		
Danders & Epithelia						rCan f Fel d 1 like		
Danders & Epithelia			Guinea pig	<i>Cavia porcellus</i>		rCav p 1		
Danders & Epithelia			Horse	<i>Equus caballus</i>		rEqu c 1		
Danders & Epithelia						nEqu c 3		
Danders & Epithelia						rEqu c 4		



Danders & Epithelia		
Cat	<i>Felis domesticus</i>	rFel d 1
		nFel d 2
		rFel d 4
		rFel d 7
Mouse	<i>Mus musculus</i>	rMus m 1
Rabbit	<i>Oryctolagus cuniculus</i>	rOry c 1
		rOry c 2
		rOry c 3
Acarus siro	Acarus siro	Aca s *
German cockroach	<i>Blatella germanica</i>	rBla g 1
		rBla g 2
		rBla g 4
		rBla g 5
		rBla g 9
Cat flea	<i>Ctenocephalides felis</i>	Cte f 1
Dermatophagoides farinae	<i>Dermatophagoides farinae</i>	Der f *
		rDer f 1
		rDer f 2
		rDer f 15
		rDer f 18
Dermatophagoides pteronyssinus	<i>Dermatophagoides pteronyssinus</i>	Der p *
		rDer p 1
		rDer p 2
		rDer p 5
		rDer p 7
		rDer p 10
		rDer p 11
		rDer p 20
Glycyphagus domesticus	<i>Glycyphagus domesticus</i>	rDer p 21
		rDer p 23
Lepidoglyphus destructor	Lepidoglyphus destructor	Lep d *
Tyrophagus putrescentiae	<i>Tyrophagus putrescentiae</i>	rLep d 2
		Tyr p *
		rTyr p 2
Alternaria alternata	<i>Alternaria alternata</i>	Alt a *
		rAlt a 1
		rAlt a 6
Aspergillus fumigatus	<i>Aspergillus fumigatus</i>	Asp f *
		rAsp f 1
		rAsp f 3
		rAsp f 4
		rAsp f 6
Cladosporium herbarum	Cladosporium herbarum	Cla h *
Malassezia pachydermatis	<i>Malassezia pachydermatis</i>	rCla h 8
		Mala p *
Malassezia sympodialis	<i>Malassezia sympodialis</i>	rMala s 1
		rMala s 9
		rMala s 5
		rMala s 6
		rMala s 11

Insect Venoms		
Honey bee venom	<i>Apis mellifera</i>	Api m *
		nApi m 1
		Api m 2
		Api m 3
		Api m 5
Long-headed wasp venom	<i>Dolichovespula spp.</i>	rApi m 10
Paper wasp venom	<i>Polistes dominulus</i>	Dol spp *
Fire ant venom	<i>Solenopsis richteri & Solenopsis invicta</i>	Pol d *
		rPol d 5
Common wasp venom	<i>Vespa vulgaris</i>	Sol spp *
		Ves v *
		rVes v 1
		rVes v 5

Foods		
Oat	<i>Avena sativa</i>	Ave s *
		Fag e *
		nFag e 2
		Sunflower seed
		<i>Helianthus annuus</i>
		Hel a *
		Barley
		<i>Hordeum vulgare</i>
		Hor v *
		Rice
Buckwheat	<i>Oryza sativa</i>	Ory s
		Ory s_GLUB1
		Millet
		<i>Panicum miliaceum</i>
		Pan m *
		Rye, cultivated
		<i>Secale cereale</i>
		Sec c_flour *
		Wheat
		<i>Triticum aestivum</i>
Corn, cereal	<i>Zea mays</i>	Tri a *
		rTri a 14
		rTri a 19
		nTri a aA_Tl
		Zea m *
		rZea m 14
		Zea m_GBSSI
		rMal d 1
		nMal d 2
		rMal d 3
Apple	<i>Malus domestica</i>	nAra h 1
		rAra h 2
		nAra h 3
		Peanut
		<i>Arachis hypogaea</i>
		rAra h 5
		rAra h 6
		rAra h 8
		rAra h 9
		rAra h 15
Soy	<i>Glycine max</i>	Gly m *
		rGly m 4
		rGly m 5
		nGly m 6
		nGly m 8
		Lentil
		<i>Lens culinaris</i>
		Len c *
		Len c 1
		Len c 2
Peanut	<i>Pisum sativum</i>	Len c 3
		Pis s *
		Pis s 1
		Pis s 2
		Pis s 3
		Carrot
		<i>Daucus carota</i>
		Dau c *
		rDau c 1
		Tomato
Foods	<i>Solanum lycopersicum</i>	Sola l *
		rSola l 6
		Potato
		<i>Solanum tuberosum</i>
		Sol t *
		Sol t 2
		Sol t GBSSI

* Extract



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