SUPPLEMENTARY MATERIAL

Supplementary file 1. Cofactors´ distribution for allergen profiles. AECI: Angiotensin converting enzyme inhibitor; PPI: protein pump inhibitor; NSAID: Non steroid anti-inflammatory drug; ARA II: angiotensin II receptor antagonists. G7S: Globulin 7S; G11S: Globulin 11S; GRP: Gibberellin-regulated protein

Allergen profile and Cofactors distribution	Number of cases	Cases with any positive cofactor (%)	Cofactor description (number of cases)
2S Albumin	1	0	0
2S Albumin and LTP	1	0	0
2S Albumin and G11S	2	50%	Exercise (1)
2S Albumin, G7S and G11S	1	0	0
Ves v 5 and Pol d 5	1	100%	AECI (1)
Ves v 1 and Ves v 5	2	100%	PPI (2)
Api m 1, Api m 2, Api m 3, Api m 5, Api m 10	1	0	0
Galactose-α-1,3-galactose	4	100%	Exercise (2) NSAID (1); ARA II (2); Betablockers (1) Alcohol (1)
Bromelain	1	0	0
Caseine	2	50%	AECI (1)
Gliadine	1	100%	Exercise (1) Alcohol (1)
GRP (Peamaclein)	1	0	0
LTP	27	51.85%	Exercise (9) NSAID (3) Alcohol (4)
LTP and G7S	1	100%	Exercise (1)
LTP and Thaumatin (TLP)	1	100%	NSAID (1)
Ovalbumin	1	0	0
Ovomucoid	1	100%	Drug (1)
Parvalbumin	1	0	0
PR10	1	100%	NSAID (1)
Sarcoplasmic Calcium-binding Protein	1	100%	ARA II (1)
Tropomyosin	2	0	0

CRD unavailable at inclusion*	9	66.7%	Exercise (3) Benzodiazepine (1); NSAID (2); Betablockers (1); PPI (2); tiroxine (1) Alcohol (1)
Available performed CRD tests negative and inconclusive+	7	71.4%	Exercise (2) NSAID (3), ACEI (1), ARA II (1), Diuretic (1), PPI (1)
Negative CRD determinations for a known biological source^	15	42.9%	Exercise (4) NSAID (4); betablockers (1)
Not performed despite allergen availability	5	20%	NSAID: 1 case
Drug Allergy cases	26	80.8%	Stress (8) Other drugs (21) ACEI (2); NSAID (8); ARA II (2); Betablockers (5); Diuretics (3); Calcium antagonists (3); PPI (6); Statins (2)

*CRD unavailable at patient´s inclusion in IAR (hymenoptera, Boletus, pea).

+Available performed test are negative (idiopathic, kiwi fruit, pistacchio);

^Shrimp, grain and banana anaphylaxis with negative determinations for current available allergens