Salsola Pollen As A Predominant Cause Of Respiratory | d18870cd7d154de99ad7da946fb3ffe2

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Salsola Pollen As A Predominant

Salsola pollen as a predominant cause of respiratory allergies in Kuwait Abdulrahman Al-Dowaisan, MBChB, MPH; Nasser Fakim, MD; M. Riaz Khan, MBBS; Nermina Arifhodzic, MD, PhD; Radakrishnan Panicker, MRCP; Abdulatif Hanoon, MD; and Irfan Khan, MD Background: Respiratory allergies are common in Kuwait, and the role of certain allergens has been previously documented.

Salsola pollen as a predominant cause of respiratory ...

Salsola imbricata is found growing extensively in most areas of the country, flowering mainly in autumn, when the most common pollen is of the Chenopod- Amaranth type and when most patients with seasonal allergic rhinitis become symptomatic.

Salsola pollen as a predominant cause of respiratory ...

Salsola imbricata (synonym Salsola baryosma) is a common perennial weed; it is often the first plant to colonize disturbed ground and in many places becomes the predominant plant in late summer; it flowers mostly in autumn.

Salsola Pollen As A Predominant Cause Of Respiratory

The most important outdoor allergens are salsola pollen belonging to the Chenopodiaceae and Amaranthaceae families (weeds) as well as Alternaria fungal species.

Salsola Pollen As A Predominant Cause Of Respiratory

The serum of 401 patients with confirmed respiratory Allergy symptoms was tested using the Alex research allergo test (Macro Array Diagnostics). statistical analysis of the data was performed using IBM SPSS 20 and Microsoft Excel. Analysis of sensitization profiles showed that among 401 patients, specific IgE to Salsola kali were detected in 154 people, which is 38%, which indicates that this allergenic source is predominant in sensitization to weeds presented in the research chip.

Production of Recombinant Protein of Salsola Kali (Sal k1 ...

Background: Pollens from the Salsola spp. are an important source of respiratory allergy in tropical countries. Our aim was to characterize the IgE binding proteins of S. incanescens pollen extract and study its cross-reactivity with S. kalipollen allergens.

The Russian thistle (Salsola kali) pollen major allergen ...

Pollens from the Salsola spp. are an important source of respiratory allergy in tropical countries. Our aim was to characterize the IgE binding proteins of S. incanescens pollen extract and study ...

A Recombinant Sal k 1 Isoform as an Alternative to the ...

Al-Dowaisan A, Fakim N, Khan MR, et al. Salsola Pollen as a predominant cause of respiratory allergies in Kuwait. Ann Allergy Asthma Immunol. 2004; 92(2):262-7. Hasnain SM, Fatima K, Al-Frayh AR, Al-Sedairy ST. One-Year

Pollen and Spores Calendars of Saudi Arabia: Al-Khobar, Abha and Hofuf. Aerobiologia. 2005; 21:241-7.

Asthma in the desert: spectrum of the sensitizing ...

A. Al-Dowaisan, N. Fakim, M. R. Khan et al., "Salsola pollen as a predominant cause of respiratory allergies in Kuwait," Annals of Allergy, Asthma and Immunology, vol. 92, no. 2, pp. 262–267, 2004. View at: Google Scholar

Biology of weed pollen allergens

To date, 9 Amaranthaceae pollen allergens from Chenopodium album, Salsola kali, and Amaranthus retroflexus have been described and are listed in the International Union of Immunological Societies allergen nomenclature database. The major allergens of Amaranthaceae pollen

Salsola kali Pollen (Concept Id: C2701360)

Pollen-food syndromes associated with hypersensitivity to weed pollen As reviewed by Gadermaier et al. (37) allergenic weed sources can be found in the botanical families of Asteraceae, Amaranthaceae, Urticaceae, Euphorbiaceae, Plantaginaceae, and Cannabaceae (38), with mainly plants of the Asteraceae family giving rise to PFS (Fig. 1).

National Allergy Forecast & Info About Allergies | Pollen.com

Detection of allergens in Acacia (wattle) pollen Clinical Allergy 1982 12 3 259 268 2-s2.0-0019961395 9 Al-Dowaisan A. Fakim N. Khan M. R. Arifhodzic N. Panicker R. Hanoon A. Khan I. Salsola pollen as a predominant cause of respiratory allergies in Kuwait Annals of Allergy, Asthma and Immunology 2004 92 2 262 267 2-s2.0-1242343979 10 ...

Immunochemical characterization of acacia pollen allergens ...

Salsola ryanii is an annual species that has evolved within the last 25–100 years via hybridization between two introduced species, S. tragus and S. australis, both of which are invasive in California, USA (Ayres et al. 2009).

Salsola ryanii is the result of multiple origin events (Welles and Ellstrand 2016b). Its current range is likely the ...

Association of molds and metrological parameters to ...

Oral allergy syndrome (OAS) or pollen-food allergy syndrome (PFS) is a hypersensitivity reaction to ... whereas LTP allergy is rarely reported in central and northern Europe. 3,61 Olive and Salsola pollen are largely responsible for cross ... 156. Asturias JA, Ibarrola I, Fernandez J, et al. Pho d 2, a major allergen from date palm pollen, is a ...

ORIGINAL ARTICLE Extensive Cross-reactivity Between ...

• Salsola pollen is a predominant cause of respiratory allergies in Kuwait • N= 1106 patients with BA and AR • SPT results: – Der p I 41.6% – Der f I 36.9% – Cockroach allergen (Bla g I) 32.2% – females are more exposed to pollen, grasses and tress, but males are mostly exposed to mites and insects Risk Factors of Asthma ...

Ambrosia salsola | Burrobrush | Medicinal Uses | Charles W ...

Al-Dowaisan A, Fakim N, Khan MR, Arifhodzic N, Panicker R, Hanoon A, Khan I: Salsola pollen as a predominant cause of respiratory allergies in Kuwait. Ann Allergy Asthma Immunol. 2004, 92: 262-267. 10.1016/S1081-1206(10)61558-X.

Allergy to Salsola Kali in a Salsola Incanescens-rich Area ...

Pollen is a major cause of allergic respiratory diseases. In Qatar, data on the presence and prevalence of allergenic airborne types of pollen is quite limited. The study aimed to determine and correlate the most frequently implicated airborne pollen detected by aerobiological monitoring samplers in respiratory allergy symptoms. An aerobiological survey was started on May 8, 2017.

<u>Immunochemical characterization of Acacia pollen allergens ...</u>

Eighty- two percent of atopic patients were sensitized to pollen allergens, with Salsola kali major allergen (Sal k 1) as the most frequent allergenic source, which was able to sensitize 71% of the atopic subjects and was associated

with higher specific IgE values (26.7 \pm 21.0 kU/L). Taking into account the prevalence of sensitization to each ...

Identification of methionine synthase (Sal k 3), as a ...

Background: Amaranthaceae pollen allergy incidence has increased in the last years due to the desertification process occurring in many countries. In some regions of Spain, Salsola kali is the main cause of pollinosis at almost the same level than olive and grass pollen. Sal $k\ 1$ -the sensitization marker of S. kali pollinosis- is actually used in clinical

Russian Thistle (Salsola kali) - Ahwatukee Allergist

Kali tragus is a species of flowering plant in the family Amaranthaceae. It is known by various common names such as prickly Russian thistle, windwitch, or common saltwort. It is widely known simply as tumbleweed, because in many regions of the United States it is the most common and most conspicuous species of tumbleweed. Informally, it also is known as "salsola", which was its generic name ...

Pectin methylesterases of pollen tissue, a major allergen ...

Pollen forecasting methods consider natural events, besides the recent pollen counts, that will affect future pollen levels. We consider historical pollen counts (which provide predominant pollen and seasonal trend information for a certain area) temperatures, precipitation, and weather forecasts.

Amaranthaceae pollens: review of an emerging allergy in ...

Synonyms for Salsola kali in Free Thesaurus. Antonyms for Salsola kali. 6 synonyms for Salsola kali: barilla, glasswort, kali, kelpwort, Salsola soda, saltwort. What are synonyms for Salsola kali?

GISD

Salsola Salsola is a genus of the subfamily Salsoloideae in the family Amaranthaceae. Kind of in a narrow sense, is distributed in Central and South-West Asia, North Africa and the Mediterranean. The common name of various

members of this genus and close ...

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