



Institute of Biology of Ireland Activity Series, 2018/19

The Institute of Biology of Ireland, as part of the 2018/19 Activity Series, invites its members, families and friends to a free lecture at Dublin Institute of Technology, Cathal Brugha St., Dublin 1*

Title: The Allergic Planet

Date and Time: Thursday, November 15th @ 7.30pm to 8.30pm

Location: Kathleen O'Sullivan (KOS) Lecture Theatre, Dublin Institute of Technology, Cathal Brugha, Street, Dublin 1

Lecturer: Dr. Orla Cahill, Lecturer in Food Microbiology & Allergen Management, Dublin Institute of Technology, Dublin



Dr Cahill is an expert in Allergen management, has lectured widely, recently appeared on TV3 and speaks regularly on NewsTalk on the topic.

About the Lecture

Dr Cahill will tell us that the global increase in allergic diseases is continuing to rise on an annual basis. Allergic reactions may be mild, moderate or, in severe cases, can be fatal due to anaphylaxis.

Food allergy cases have risen by as much as 50% in the past decade with a 700% rise in hospitalisations due to anaphylaxis. Globally, >250 million people suffer from a food allergy with >17 million people in Europe alone suffering from food allergy. It is estimated that 0.1–3.2% of adults and 0.1–5.7% of children have a food allergy. The world allergy organisation (WAO) suggests that over 170 foods have been associated with allergic reactions. However, in the EU there are 14 major food allergens legislated for, of which peanut, egg and tree nut tend to be the

most prevalent. IgE mediated food allergies are quick in the onset of symptoms with some immediate from 1-20 minutes or within one to two hours after food ingestion or exposure.

It is not only food allergy statistics that have increased dramatically. As of 2018, 339 million people globally suffer from asthma and 400 million from allergic rhinitis. There are numerous hypotheses suggesting possible reasons for the surge in allergic diseases, some of which will be discussed at the lecture.

The incidences of allergic diseases such as food allergies, asthma, allergic rhinitis and dermatitis have increased dramatically over the past decade. But why? This talk aims to explore the numerous hypotheses for the mystifying rise in allergic diseases in what some experts are calling “the allergic planet”.

LOCATION DETAILS

DIT, Cathal Brugha Street is just off O'Connell Street and is served well by bus and Luas (Green Line). There is pay-parking in the nearby Q-Park Clerys in Marlborough Street, North City, Dublin, D01 W207

***From January 2019, DIT will be known as Technological University Dublin**

