

# ALLERGOLOGY AND CLINICAL IMMUNOLOGY

CERTIFICATE  
COURSE

**KL/ACADEMY**

# THE COURSE

Clinical Immunology, comprehensive basics on composition, structure and function of lymphatic organs, cells of the immune system defense as well as mechanisms of innate and adaptive immunity such as hypersensitivity reactions. Immunology of autoimmune diseases, tumor diseases, immunodeficiencies and infections. Allergology including etiology, pathogenesis and pathophysiology and epidemiology, natural course of disease and risk factors. Diagnosis and therapy of allergic and other immunological diseases in theory and practice, especially common and newly emerging diagnostic methods and their potential as well as therapeutic options and innovative development concepts. Practical week with discussion and consolidation of all learning contents by means of interactively worked out patient cases and training of an individually optimized patient management.

# ALLERGOLOGY AND CLINICAL IMMUNOLOGY

## SHORT FACTS

**Scope :**  
30 ECTS

**Duration:**  
two semesters part time parallel to work – distance learning and attendance phases at KL Krems (blocked event with internships and final examination)

**Degree:**  
Certificate of the Karl Landsteiner University of Health Sciences (KL)

**Prerequisite:**  
at least high school certificate level plus working experience

**Fee:** 6,000 €

**Language:** english

## THE PARTICIPANTS

The certificate course is addressed to representatives of all health care professions in the health care and

pharmaceutical industry, who are confronted with immunological questions in their daily work: laboratory staff, physicians, pharmaceutical and hospital representatives, BMAs, etc.

## INFORMATION

E-Mail: [danube.arc@kl.ac.at](mailto:danube.arc@kl.ac.at)  
All information on lecturers and the schedule can be found at [www.kl.ac.at/further-education](http://www.kl.ac.at/further-education)

## APPLICATION

online application via [www.kl.ac.at/further-education](http://www.kl.ac.at/further-education)

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## COURSE DIRECTOR



**Petra Zieglmayer, M.D.,** is an ENT-specialist, graduated and habilitated at the Medical University Vienna. The past 30 years she acquired extensive expertise in clinical allergology and immunology, when conducting clinical trials with particular focus on development of new antiallergic pharmaceutical as well as immunotherapeutic compounds and preparations. She is a regular contributor to courses in Austria and abroad and has published widely in clinical research and teaching.

## THE CURRICULUM

Since allergic diseases usually affect several organ systems, interdisciplinary cooperation with specialists in pediatrics, internal medicine/pneumology, dermatology, ENT and clinical immunology is necessary to acquire specific expertise and for practical training. The certificate course for „Allergology and Clinical Immunology“ offers colleagues interested in allergology a postgraduate theoretical and practical training on academic basis. The lecturers of the courses are

internationally renowned experts for the respective disciplines. This ensures a close connection to the current state of science and clinical practice.

## THE BENEFIT

The aim of the course is to share specialized knowledge and immunological basics as well as clinical skills in the field of allergology and clinical immunology theoretically and practically. After the course the graduates will have a profound basic knowledge in allergology and immunology. In particular, they are trained in molecular allergology. They are familiar with (inter)national guidelines and recommendations and have the competence to collect and interpret relevant clinical data. Furthermore, they are able to assist in the professional and high-quality execution of clinical studies.

## THE ORGANIZATION

The course comprises 30 ECTS and is held in English on a part-time basis. The contents are dealt with in modules, at the end of which a written online knowledge test must be completed. With the exception of internships and tutorials, lectures are held virtually on a highly flexible basis. Upon positive completion, participants receive a certificate.

## THE UNIVERSITY

Karl Landsteiner University of Health Sciences (KL) at the Krems Campus is an institution dedicated to education and research with an established recognition throughout Europe. The university offers modern, demand-oriented professional training and development in medicine and psychology, and conducts academic research in key fields of health sciences, with the overall purpose to benefit humanity and the future of healthcare. A unique network of university hospitals as well as teaching and research locations ensure excellent teaching, professional careers in healthcare and excellence in research.


## THE KL ACADEMY

The KL Academy makes the professional and didactic expertise of the Karl Landsteiner University of Health Sciences in medicine, psychology and health sciences accessible to a wide audience. The varied offer is aimed at staff and managers in the public and private healthcare sector. It includes university courses leading to a certificate as well as continuing education events in the form of seminars, workshops or summer schools.

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IN COOPERATION WITH:



MEDIZINISCHE  
UNIVERSITÄT WIEN

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