

## THE COURSE

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.

**INFORMATION:** [www.kl.ac.at/certificate-allergology](http://www.kl.ac.at/certificate-allergology)  
or via E-Mail at [danube.arc@kl.ac.at](mailto:danube.arc@kl.ac.at).



KARL LANDSTEINER UNIVERSITY  
OF HEALTH SCIENCES

Dr.-Karl-Dorrek-Straße 30  
3500 Krems / Austria  
Phone: +43 2732 720 90  
E-mail: [danube.arc@kl.ac.at](mailto:danube.arc@kl.ac.at)  
[www.kl.ac.at](http://www.kl.ac.at)



# ALLERGOLOGY AND CLINICAL IMMUNOLOGY

CERTIFICATE  
COURSE

IN COOPERATION WITH:



**KL/ACADEMY**

# ALLERGOLOGY AND CLINICAL IMMUNOLOGY

## SHORT FACTS

**Scope:** 30 ECTS in parallel to work  
**Duration:** two semesters - 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)  
**Fee:** 6,000 €  
**Language:** English  
**Planned start:** 20th February 2023

## 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.  
Prerequisite for participation is at least high school certificate level plus working experience.

## 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 ability to collect and interpret relevant clinical data. Furthermore, they are able to assist in the professional and high-quality execution of clinical studies.

## THE TEACHING CONTENTS

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.

## 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 FACULTY

- › Barbara Bohle
- › Heimo Breiteneder
- › Mirela Curin
- › Julia Eckl- Dorna
- › Peter Errhalt
- › Sabine Flicker
- › Viktoriya Garib
- › Christine Hafner
- › Karin Hoffmann- Sommergruber
- › Erika Jensen- Jarolim
- › Bernhard Kratzer
- › Birgit Linhart
- › Katarzyna Niespodziana
- › Winfried Pickl
- › Wolfgang Sperr
- › Zsolt Szepfalusi
- › Franz Trautinger
- › Thomas Wekerle
- › Wolfgang Weninger
- › Ursula Wiedermann- Schmidt
- › Rudolf Valenta
- › Susanne Vrtala
- › Petra Zieglmayer (course director)



### Petra Zieglmayer, M.D.

is an ENT-specialist, graduated at the Vienna University Clinic. The past 25 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.

Currently she is the Head of the Vienna Challenge Chamber research group, Court surveyor for challenge chamber systems and Lecturer at the Medical University Vienna and the Karl Landsteiner University in Krems.



### Rudolf Valenta, M.D.

is Professor for Allergology at the Medical University of Vienna and board certified specialist in Pathophysiology as well as Immunology.

He is amongst others Head of the group “Molecular Immunopathology” at the Center for Pathophysiology, Infectiology and Immunology, MedUniVienna, Austria, a standing Member of the Austrian Academy of Sciences and speaker and co-ordinator of the FWF-funded special research program F46 “Towards prevention and therapy of allergy”.

His main areas of research are molecular and cellular allergology.



### Winfried F. Pickl, M.D.

is board certified immunologist and head of the Division of Cellular Immunology and Immunohematology at the Institute of Immunology, Medical University of Vienna, Austria. He has critically contributed to the molecular and functional characterization of T cell activation antigens and monocyte-derived dendritic cells.

Dr. Pickl is amongst others speaker of the PhD-program Molecular, Cellular and Clinical Allergology, and deputy-speaker of the Danube Allergy Research Cluster ‘Towards cure of allergy’, and serves as member of the Clinical Immunology and the Education Committee of the Austrian Society for Allergology and Immunology.