

Department of Dermatology and Allergology
Topic List 2023/24

Supervisor	Topic
Prof. Dr. Rolland Gyulai, professor and head of department	<ul style="list-style-type: none"> - Application of artificial intelligence in the diagnosis and treatment decisions to onychomycosis and other nail diseases - Computational disease models to describe the pathogenesis of psoriasis
Prof. Dr. Lajos Kemény, professor and head of department	<ul style="list-style-type: none"> - Investigation and influence of the inflammatory effect of ultraviolet light
Prof. Dr. Zsuzsanna Bata-Csörgő, professor	<ul style="list-style-type: none"> - Drug allergy
Dr. Eszter Baltás, associate professor	<ul style="list-style-type: none"> - Dermatooncology - Characterization of the different clinical and histological subtypes of melanoma - New therapies in dermatooncology - Immunotherapy in the treatment of skin cancer - Targeted therapy in the treatment of skin cancer - Factors influencing early detection of the rare types of malignant melanoma
Dr. Zsanett Renáta Csoma, associate professor	<ul style="list-style-type: none"> - Neonatal skin disorders - Acne vulgaris - Atopic dermatitis in childhood - New treatments in atopic dermatitis - Psoriasis in children - Connections of inflammatory bowel diseases and skin diseases
Dr. Erika Kis, associate professor	<ul style="list-style-type: none"> - Plastic surgery and evidence-based medicine - Electroporation and electrochemotherapy
Dr. Nóra Belső, senior lecturer	<ul style="list-style-type: none"> - Biological therapies in atopic dermatitis - Evaluation of the efficacy of JAK inhibitors in atopic dermatitis patients - Venom allergy: the role of venom specific IgE and IgG4 in venom immunotherapy
Dr. Máté Manczinger, senior lecturer	<ul style="list-style-type: none"> - The adaptive immune recognition of cancer - The adaptive immune recognition of SARS-CoV-2 - Blind spots in adaptive immune recognition
Dr. István Balázs Németh, senior lecturer	<ul style="list-style-type: none"> - Dermatooncology
Dr. Győző Szolnok, senior lecturer	<ul style="list-style-type: none"> - The study of lymphatic insufficiency - The impact of inflammatory diseases on cardiovascular function
Dr. Erika Varga, senior lecturer	<ul style="list-style-type: none"> - Dermatooncology
Dr. Balázs Bende, assistant lecturer	<ul style="list-style-type: none"> - Translational medicine and clinical pharmacology in practice
Dr. Géza Róbert Nagy,	<ul style="list-style-type: none"> - Differential diagnosis of erysipelas and deep vein

assistant lecturer	thrombosis - Dermatomyositis - Vasculitis
Dr. Ákos Varga, assistant lecturer	-Oncoplastic breast surgery -Reconstructive surgery of facial soft tissue defects -Plastic surgery on MWL (massive weight loss) patients
Dr. Gergely Groma, research fellow	- Investigation of molecular abnormalities affecting neurogenic inflammatory processes and the peripheral nervous system in psoriasis
Dr. Kornélia Szabó	- Innate immune functions of keratinocytes - Investigations on the role of skin microbiom in skin cells' biology
Dr. Zoltán Veréb, research fellow	- Immunological properties of adipose tissue derived mesenchymal stem cells - 3D Bioprinting - Characterization of bioengineered tissue created by adipose tissue derived mesenchymal stem cells
Dr. Judit Danis, senior lecturer	- Investigation on innate immune functions of keratinocytes
Dr. Renáta Bozó, research fellow	- Investigations on non-lesional psoriatic skin

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