Aerobiology: current stage and future perspectives

80th International Scientific Conference of the University of Latvia 2022

Monday, 31 January 2022, 10.00 AM (UTC+2), online

ZOOM: https://lu-

lv.zoom.us/j/97028470949?pwd=K09uR3RBQ04vdnhtR25CY2F4SDdOdz09

Meeting ID: 970 2847 0949

Passcode: 569836

Programme

Programme		
	9.30 – Technical check-u	p if necessary (ZOOM, sound, screen sharing, etc.)
		Chair: Dr. Olga Sozinova
10.00–10.10	Olga Sozinova, Latvia	Opening
10.10–10.45	Prof. Mikhail Sofiev, Finland	Lecture: Bioaerosols in the air: what do we know and how to learn more?
10.45–11.00	Willem Verstraeten, Belgium	The sources of long-term trends of airborne birch and grass pollen levels in Belgium
11.05–11.15	Yana Reznik, Ukraine	Fungal spores as autumn allergens in Ukraine
11.20-11.35	Juan J. Hidalgo-Barquero, Spain	Influence of atmospheric pollutants on pollen concentrations of Chenopodia-Amaranthaceae, Fraxinus and Myrtaceae
		Coffee break, discussions
11.55–12.15	Prof. Carmen Galan, Spain	Lecture: Achievements and perspectives of aerobiology in the Spanish Aerobiology Network (REA)
12.20–12.35	Viktor József Vojnich, Hungary	Pollen concentration of invasive tree of heaven (Ailanthus altissima) on the Southern Great Plain region, in Hungary between 2019 and 2020
12.40–12.55	Łukasz Grewling, Poland	High temporal resolution monitoring of Ambrosia pollen in ambient air
13.00–13.10	Tatyana Kuchenko, Ukraine	Utility of pollen information searchers in internet in the context of prevention of seasonal allergy
13.15-13.30	Moisés Martínez-Bracero, Ireland	Alternaria and Cladosporium modelling in Ireland
		Coffee break, discussions
13.50-14.20	Prof. Victoria Rodinkova, Ukraine	Aerobiology in Ukraine: what's new and interesting here?
14.20–14.35	Antonio Picornell, Spain	Disparity between olive fruit production and pollen integrals in Malaga (southern Spain)
14.40-14.55	Denis Omelchenko, Russia	ITS1, ITS2, 5`-ETS, and trnL-F barcodes comparison for metabarcoding of the Poaceae pollen
15.00- 15.10	Maryna Yasniuk, Ukraine	Patterns of sensitization to birch pollen of children in Ukraine
15.15 -15.30	David O'Connor, Ireland	Real-Time monitoring of pollen and fungal spores in Dubin, Ireland
		Conclusions, discussions