

Time	Speaker	Title
7:30 – 8:30		Registration
08:30-8:40	Dr Emerson F Queiroz	Welcome note
08:40-9:20	Impulse lecture: 35 + 5 min	Prof. Jakub Piwowarski and Prof. Sebastian Granica
		Dancing with Failure- From Discovery to Implementation of Postbiotic Metabolites
9:20-9:35	short lecture 1: 10 + 5 min	Johannes GAFRILLER
		Enterococci under pressure: Can <i>Morus alba</i> break the resistance?
9:35-9:50	short lecture 2: 10 + 5 min	Lauriane LENEN
		Simultaneous structural and quantitative analysis of bioactive compounds in Picea abies bark extract by quantitative 2D 1H-13C HSQC NMR
9:50-10:00		Coffe break
10:00-10:15	short lecture 3: 10 + 5 min	Stephan SEEGERs
		AI-assisted pipeline to investigate antifungal activity by microscopic evaluation of morphological alterations in treated <i>Saccharomyces cerevisiae</i> var. boulardii cells
10:15-10:30	short lecture 4: 10 + 5 min	Lo-Yun CHEN
		Anti-inflammatory potential of <i>Briareum briaranes</i> via Keap1 Inhibition: An integrated computational assessment
10:30-10:45	short lecture 5: 10 + 5 min	Viktoria BACHTIN
		Pectic polysaccharides from Aronia melanocarpa (Michx.) Elliot fruits: Isolation, structural elucidation and TLR-mediated pro-inflammatory activity
10:45-11:00	short lecture 6: 10 + 5 min	Anton ZÜRBIG
		Gaining nanoscopic insights into the mechanism of action of antifungal drugs via Atomic Force Microscopy
11:00-11:15	short lecture 7: 10 + 5 min	Tobias BLANK
		Comprehensive metabolite profile and cytotoxic constituents of <i>Cryptolepis decidua</i>
11:15-11:30	short lecture 8: 10 + 5 min	Vanessa WIEGAND
		Bioactivity-guided isolation of secondary metabolites from <i>Ramularia collo-cygni</i> with activity against <i>Mycobacterium tuberculosis</i>
11:30-13:00	Lunch	Lunch
13:00-13:15	short lecture 9: 10 + 5 min	Raghoonadan AKSHAY
		When Plants Fight Back: Antifungal metabolites from South African Pelargonium
13:15-13:30	short lecture 10: 10 + 5 min	Alexandro ROGGIO
		Kellerin from <i>Ferula assa-foetida</i> impairs leukocyte adhesion through Rac1-dependent inhibition of LFA-1 activation
13:30-13:45	short lecture 11: 10 + 5 min	Christina KOUFALI
		Natural deep eutectic solvent extraction optimization of alkaloids from <i>Mitragyna speciosa</i> : A methodological evaluation
13:45-14:00	short lecture 12: 10 + 5 min	Gayathree Ishanka SENVIRANTHNE
		Methyl jasmonate increases phytocannabinoid content and induces metabolic reprogramming in the glandular trichomes of <i>Cannabis sativa</i> L.
14:00-14:15		Break for internal jury discussion
14:15-14:30		Awards Wrap-up & discussions