Ministry of Education and Science of the Russian Federation Russian Foundation for Basic Research Society of Plant Physiologists of Russia M.K. Ammosov North-Eastern Federal University

PROGRAM



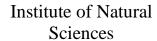
IIIrd scientific-practical conference
"Prospects of phyto-biotechnology for improving the quality of life in the North" with international participation and a scientific school on cell biotechnology



4- 8 June, 2018 Yakutsk, the Republic of Sakha (Yakutia), Russian Federation

ORGANIZERS:

M.K. Ammosov North-Eastern Federal University



Society of Plant Physiologists of Russia







FINANCIAL SUPPORT:

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LOCATION

Yakutsk, Republic of Sakha (Yakutia), Russian Federation, NEFU.

Program

IIIrd scientific-practical conference

"Prospects of phyto-biotechnology for improving the quality of life in the North" with international participation

and a scientific school on cell biotechnology (Yakutsk, NEFU, 4- 8 June, 2018)

4 June (Monday)

4 June (Wonday)				
Time	Event	Location		
3-4 June	Arrival, meeting, accommodation of invited	Hotels in Yakutsk,		
	scientists and participants	Campus NEFU		
09:00-10:00	Registration	Hall on the 1str floor of		
		«ULK» NEFU		
		(Belinskogo Str., 58)		
09:00-13:00	Exhibition of manufacturing companies and Hall on the 1str floor of			
	suppliers of laboratory and educational equipment in	«ULK» NEFU		
	the field of molecular and cell biotechnology (Belinskogo Str., 58)			
10.00-10:15	CONFERENCE OPENING	Hall of the Academic		
	Welcoming speech to the conference participants of	Council of the NEFU,		
	the Chairman of the Conference, the Rector of the	1str floor of «ULK»		
	NEFU Evgenia Mikhailova	NEFU (Belinskogo Str.,		
10:15-10:30	Speech of the Vice Rector of the NEFU for Sciences	58)		
	and Innovation Konstantin Krivoshapkin			
10:30-10:40	Speech Corresponding member. RAS, the Chairman			
	of the Society of Plant Physiologists of Russia			
	Vladimir Kuznetsov			
10:40-10:55	Appeal to the conference participants of the Vice			
	Rector of the NEFU in the natural-mathematical			
	direction - Director of the INS Anatoly Nikolaev			
10:55-11:00	Speech of the general sponsor			
	Plenary reports			
	Vladimir Kuznetsov (Russia, Moscow),	Hall of the Academic		
11:00-11:40	Corresponding Member of RAS «Physiological	Council of the NEFU,		
	mechanisms of plant adaptation» 1str floor			
11:40-12:20	Alexandr Nosov (Russia, Moscow), DSc, Professor	NEFU (Belinskogo Str.,		
	«Cell Technologies: Present and Prospects»	58)		
12:20-13:00	Choon-Hwan Lee (Republic of Korea, Pusan),			
	PhD, Professor « Photobiology »			
13:00-14:00	Lunch break	«ULK» Canteen		
Plenary reports				
14:00-14:40	Elena Lobakova (Russia, Moscow) DSc, Professor	Hall of the Academic		
	«Modern ideas about cyanobacteria»	Council of the NEFU,		
14:40-15:20	Ismayil Zulfugarov, Research Professor (Republic	1str floor of «ULK»		
	of Korea, Pusan) «Molecular basis of the cold			
	acclimation in higher plants»	58)		
15:20-16:00	8 1			
	Researcher, PhD «Phytochemical research of			
	Yakutia wild plants»			
16:00-16:20	Coffee break			
16:20-17:00				
10.20 17.00 Du Air Olio (10-public of 12010u, 1 ubuli), 110100001,				

	PhD. « Effect of licorice extracts on ischemic	
	brain injury »	
17:00-17:40	Zhanna Okhlopkova (Russia, Yakutsk), Leading	
	Researcher of ESL «MG&CT» INS NEFU, PhD.	
	«Prospects for biotechnology in the North»	
19:00	WELCOME PARTY	Banquet hall «KFEN»
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5 June (Tuesday)

S June (Tuesuay)			
Time	Event	Location	
Sectional meetings			
	Section 1. Plant Biotechnology	Lecture room 263	
10:00-11:30	Oral reports of SPC participants	«KFEN» (Kulakovskog	
		o Str., 48)	
11.30-11.45	Coffee break		
11:30-13:00	Section 1. Plant Biotechnology	Lecture room 263	
	Oral reports of SPC participants	«KFEN» (Kulakovskogo	
		Str., 48)	
13:00-14:00	Lunch break	«KFEN» Canteen	
	Scientific School on Cell Biotechnology		
	Act lecture «Plant cell culture»	Conference hall 302, the	
14:00-15:30	Lecturer: DSc, Professor Alexander Nosov	Arctic Innovation Center	
14.00 13.30		NEFU (AIC NEFU),	
	(Kulakovskogo Str., 46)		
15:30-16:00	Coffee break		
16:00-17.30	Dractice "Plant cell gulture"	Lab 502 ESI	
10.00-17.30	Practice « Plant cell culture » Lab. 502 ESL Moderator: DSc, Professor Alexander Nosov «MG&CT», AIC NEFU,		
	Wioderator. DSC, Froressor Alexander Nosov	(Kulakovskogo Str., 46)	
16:00-17.30	Refresher courses «Biotechnology of	Conference hall 302,	
10.00-17.30	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	AIC NEFU,	
14:00-17:30	Moderator: DSc, Professor Elena Lobakova (Kulakovskogo Str., 46)		
14.00-17.30	Excursion for the delegation of scientists to the Merzlotnaya Str., 36		
	Melnikov Instritute of Permafrost on the behalf of		
10.00	SB RAS.		
18:00	Excursion for the delegation of scientists to Kirova Str., 12		
	Comdragmetall of RS(Y).		

6 June (Wednesday)

Time	Event	Location		
	Sectional meetings			
10:00-11:30	Section 2. Plant resources and their potential Oral reports of SPC participants	Lecture room 263 «KFEN» (48 Kulakovskogo str.)		
11.30-11.45	Coffee break			
11:30-13:00	Section 2. Plant resources and their potential Lecture room 263 «I			
	Oral reports of SPC participants	(48 Kulakovskogo str.)		
13:00-14:00	Lunch break Столовая К			
Scientific School on Cell Biotechnology				
	Act lecture «Biotechnology of cyanobacteria»	Conference hall 302, AIC		
14:00-15:30	Lecturer: DSc, Professor Elena Lobakova	NEFU, (Kulakovskogo Str.,		
		46)		
15:30-16:00	Coffee break, transfer to another building			

16:00-17.30	Practice «Biotechnology of cyanobacteria»	Lab. 502 ESL «MG&CT»,
	Moderator: DSc, Professor Elena Lobakova	AIC NEFU, (Kulakovskogo
		Str., 46)
16:00-17.30	Refresher courses «Plant cell culture»	Conference hall 302, AIC
	Moderator: DSc, Professor Alexander Nosov	NEFU, (Kulakovskogo Str.,
		46)
14:00-17:00	The delegation of invited scientists visit to the	AIC, Kulakovskogo Str., 46
	laboratories of AIC NEFU and the Museum of	«KFEN», Kulakovskogo
	Mammoth	Str., 46
17:00-18:00	The delegation of invited scientists visit to the	NEFU Medical Clinic,
	Medical Clinic NEFU	Kulakovskogo Str., 36.
18:30	Dinner of the delegation of invited scientists in	Housing 9/2 of the NEFU
	the subsidiary company of SIE of NEFU cafe	campus (Kulakovskogo
	«Klass»	Str., 42/3)
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7 June (Thursday)

/ June (Thursday)				
Time	Event	Location		
	Scientific School on Cell Biotechnology			
10:00-11:30	Act lecture «Anti-cancer potential of plants».	Lecture room 263 «KFEN»		
	Lecturer: Professor, PhD Su In Cho	(48 Kulakovskogo str.)		
11:30-11:45	Coffee break			
11:45-13:00	Act lecture «Ecological-hormonal-genetic	Lecture room 263 «KFEN»		
11.43-13.00				
	concept of manifestation of sex characteristics	(48 Kulakovskogo str.)		
	in plants»			
	Lecturer: DSc, Professor Viktor Khryanin			
13:00-14:00	Lunch break	Столовая КФЕН		
	Scientific School on Cell Biotechnolog	gy		
14:00-15:30	Act lecture «Biotechnological processing of	Lecture room 263 «KFEN»		
	toxins»	(48 Kulakovskogo str.)		
	Lecturer: Ph.D., Grigory Kozlov			
15:30-16.00	Coffee break			
16:00-17:30	Act lecture «Molecular biotechnology of	Lecture room 263 «KFEN»		
	plants». (48 Kulakovskogo str.)			
	Lecturer: Professor, PhD Ismayil Zulfugarov			
14:00-17:30	Visiting a delegation of invited scientists from	48 Kulakovskogo str.		
	the Botanical Garden of the NEFU and the 10 km Sergelyakhskoye			
	Yakut Botanical Garden Yakut Botanical Garden Yakut Botanical Garden			
18:00	Excursion and dinner of the delegation of invited	Vilyuysky tract, 7 km, 5		
	scientists to the ethnographic complex «Chochur			
	Muran»			

8 June (Friday)

Time	Event	Location
Scientific School on Cell Biotechnology		
10:00-11:30	Act lecture «Plant secondary metabolism»	Conference hall 302 AIC
	Lecturer: PhD Dmitry Kochkin	NEFU, (Kulakovskogo Str.,

		46)
11:30-11:45	Coffee break, transfer to anothe	er building
11:45-13:00	Practice «Plant secondary metabolism»	Lab. 502 ESL «MG&CT»,
	Ведущий: PhD Dmitry Kochkin	AIC NEFU, (Kulakovskogo
		Str., 46)
10:00-13:00	Program for invited scientists: meeting with the	«ULK» 58 Belinskogo str.
	Rector of the NEFU Eugenia Mikhailova	
13:00-14:00	Lunch break	
14:00-15:30	Meeting of the Program Committee, consideration and approval of the resolution of the event, preparation of documents, signing of contracts	Lecture room 263 «KFEN» (48 Kulakovskogo str.)
16:00-17.00	CONFERENCE CLOSING	
18:00-21:00	Gala dinner « CONFERENCE CLOSING »	«Makhtal» - restraurant of the Yakut cuisine (2 Kirova str.,)

9 June (Saturday)

Time	Event	
04.00-18.00	Departure of invited scientists and conference participants	

Speakers of the scientific school:

№	Section of the scientific school	Lecturer
1	Biotechnological processing of	Associate Professor of the Department of
	toxins	Microbiological Synthesis Technology of the St.
	Lecture	Petersburg State Technical Institute
		(St. Petersburg, Russia), Ph.D.
		Grigory Vladimirovich Kozlov
2	Secondary metabolism of higher	Senior Researcher of the Department of Plant
	plants	Physiology, Biological Faculty, M.V. Lomonosov
	Lecture & Practice	Moscow State University (Moscow, Russia), Ph.D.
		Dmitry Vladimirovich Kochkin
3	Biotechnology of cyanobacteria	Professor of M.V. Lomonosov Moscow State
	Lecture & Practice	University (Moscow, Russia), Head of Laboratory,
		Doctor of Biological Sciences, Professor.
		Elena Sergeevna Lobakova
4	Plant cell culture	Head of the Department of Plant Physiology,
	Lecture & Practice	Biological Faculty M.V. Lomonosov Moscow State
		University (Moscow, Russia), Head of the
		Department of Cell Biology and Biotechnology of
		TIPPh RAS, DSc, Professor
		Alexander Mikhailovich Nosov
5	Ecological-hormonal-genetic	Professor of the Department of General Biology
	concept of manifestation of sex	and Biochemistry, Penza State University (Penza,
	signs in plants	Russia), Doctor of Biological Sciences, Professor
6	Lecture Molecular biotechnology of	Viktor Nikolayevich Khryanin
0	Molecular biotechnology of	Professor-researcher lab. Molecular biology of the
	plants Lecture	Pusan National University (Pusan, Republic of
	Lecture	Korea), Doctor of Biology
7	Anti-cancer potential of plants	Ismyil Sokhbatovich Zulfugarov Head of the Department of Herbalology and
'	Lecture	Pharmacology, Pusan National University (Pusan,
	Lecture	Republic of Korea), Doctor of Biology, Professor
		Su In Cho
		ou in Cito

Brief description of the cultural attractions of Yakutia

Museum of Precious Metals or Treasury Republic of Sakha (Yakutia)

Address: Republic of Sakha (Yakutia), Yakutsk, Kirova str., 12, 123.

The treasury of the Republic of Sakha Yakutia is an integral part of the State's Fund for Precious Metals and Precious Stones of the Republic of Sakha (Yakutia). A part of Treasury values is exhibited for public display at the always open exhibition "Treasury of the Republic of Sakha (Yakutia)".

The exhibition "Treasury of the Republic of Sakha (Yakutia)" provides an opportunity to get acquainted with the unique collection of nuggets of gold, platinum, silver, large natural diamonds, a fine collection of works by Yakut masters - jewelers, cutters, bone and stone carvers.

The exhibition "Treasury of the Republic of Sakha (Yakutia)" and the preservation of exhibits is carried out by the state institution "State Depository of the Sakha Republic (Yakutia)."

Ethnographic complex «Chochur Muran»

Address: Republic of Sakha (Yakutia), Yakutsk, Vilyuysky tract, 7 km, 5.

Ecological and ethnographic complex "Chochur-Muran" was created as some sort of a tribute to the first Russian researchers of the Trans-Urals. The complex was opened in 2005 and is located beyond the city borders of Yakutsk, at the foot of the hill. It represents an area with several restored wooden buildings of different purposes. There are a lot of interesting things: for example, a merchant's house with a completely original interior and a beautifully carved window frames or barn, built according to the prototype of the barn of the same merchant (unluckily, the original building was not subject to restoration). The barn is also preserved original interior, and it, like other buildings on the territory of the complex, is now serves as a hotel with all amenities. Also interesting is the cottage of the rider (rider of sled dogs) and the magnificent house of the hunter - magnificent not in terms of size or splendor, but in the sense of the abundance of trophies that can be seen here.

The Mammoth Museum

Address: Republic of Sakha (Yakutia), Yakutsk, Kulakovsky str., 48, KFEN.

The establishment of the World Mammoth Museum in 1991 as a scientific and cultural center for the study of the mammoth fauna and its habitat and the promotion of scientific knowledge was initiated by the first Yakut paleontologist Petr Alekseyevich Lazarev. In 1995, in order to strengthen the scientific research, the Museum became a part of the Academy of Sciences of the Republic of Sakha (Yakutia), and was renamed to the Mammoth Museum. In July 1998, according to the Ordinance of the Presidium of the Academy of Sciences of the Republic of Sakha (Yakutia), the Museum was attached to the Institute of Applied Ecology of the North of the Academy of Sciences of the Republic of Sakha (Yakutia) as a structural unit. In 2011, the Mammoth Museum, as part of the Institute, also became a part of M.K. Ammosov North-Eastern Federal University.

On September 14, 2012, by the Order of NEFU Rector E.I. Mikhailova, the Mammoth Museum Laboratory was named after its founder, Candidate of Biological Sciences, the winner of Prize of the Republic of Sakha (Yakutia) in the field of Science and Technology, Honored Scientist of the Republic of Sakha (Yakutia), Honored Veteran of the SB of RAS, Lazarev Petr Alekseyevich.