

Biotechnology in Eastern Europe & Central Asia

Our compact 15-minute presentations at the Innovation Forum will give you a first glimpse of the endless possibilities for biotech cooperation, which Eastern Europe, Central Asia and the South Caucasus have to offer.

Meet our experts at the "Eastern Europe/ Central Asia" exhibition stand in Hall 9, A 60.

Learn more about EU science and technology funding and find out, how you can get in touch with the local experts who work in your field of activity.

(all presentations in English language)

Tuesday 11 Oct, 10:00 - 10:15

"Current state of biotech science in Kyrgyz Republic and its perspective"

Prof. Almaz Aldashev,

Institute of Molecular Biology and Medicine, Bishkek, Kyrgyzstan

Deminishing but still alive: the scientific potential of the Kyrgyz Republic with good collaboration perspectives in the field of Biotech: herbs, pathogens, vaccines.

Tuesday 11 Oct, 10:20 - 10:35

"Opportunities for the application of biotechnological tools in wheat improvement in Central Asia"

Dr. Ram C. Sharma,

International Center for Agricultural Research in the Dry Areas (ICARDA), Regional Program for Central Asia and the Caucasus (CAC), Tashkent, Uzbekistan

Wheat is linked to food security in Central Asia. To improve efficiency of the wheat improvement programs in the region, collaboration with the International Agricultural Research Centers and advanced laboratories on the use of biotechnology is imperative.

Tuesday 11 Oct, 10:40 - 10:55

"Biosaline conservation agriculture on marginal lands"

Dr. Kristina Toderich,

International Center for Biosaline Agriculture, office Central Asia & Caucasus, Tashkent, Uzbekistan

How to combine profitable agricultural production through diversification of agro-ecosystems and create institutional arrangements to increase community participation in arid biosaline conservation agriculture on marginal lands.

Tuesday 11 Oct, 11:00 - 11:15

"Biotechnology efficiency for breeding and plant genetic resources in Kazakhstan"

Prof. Muratbek Karabayev,

CIMMYT (International Maize and Wheat Improvement Center), office Astana, Kazakhstan

In Kazakhstan there is still an untapped capacity for improving plant productivity. The most crucial task today is to increase yields of agricultural crops through development of new varieties based on the advanced biotechnologies and PGR mobilisation.

Tuesday 11 Oct, 11:20 - 11:35

"Potato Biotechnology in Central Asia and Southern Caucasus"

Dr. Carlo Carli,

CIP - International Potato Centre, Liaison Office Tashkent/Uzbekistan

While Central Asia accounts for one of the highest potato consumption rates worldwide, related research has been neglected after the independence. A spotlight on chances and challenges of international biotechnology cooperation.

Tuesday 11 Oct, 11:40 - 11:55

"Biotechnology in Turkmenistan"

Dr. Gozel Hojayeveva,

UNFPA (United Nations Population Fund), office Ashgabat, Turkmenistan

Biotech in Turkmenistan: Development of bioengineering - Resolution for biology, medicine, agriculture and other spheres with the application of BT methods - Practical implementation of effective scientific research.

Tuesday 11 Oct, 14:15 - 14:30

"Enzymes complex for highly efficient saccharification of lignocellulosic feedstocks"

Dr. Arkady Sinitsyn,

Moscow State University, Institute of Biochemistry, Moscow, Russia

Lignocellulosic biomass (LCB) is cheap and renewable feedstocks for production of useful products and fuel. The basis of biocatalytic conversion of LCB into useful products appears to be enzymatic hydrolysis of polysaccharides.

Tuesday 11 Oct, 14:34 - 14:50

"Romanian cooperation with countries from Eastern Europe and Central Asia"

Prof. Vasile Lungu,

Department of European Integration and International Cooperation at the National Authority, Bucharest, Romania

An outlook on EU - Third Country biotechnology cooperation from the Romanian point of view.

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