



III International School-Conference

“Applied Nanotechnology & Nanotoxicology”

October 10 – 13, 2019

Sochi, Russia

Dear colleagues,

We are pleased to invite you to take part in the **III International School-Conference «Applied Nanotechnology & Nanotoxicology» («ANT-2019»)** to be held in Sochi, Russia on October 10 – 13, 2019.

Scientific research in the field of nanotechnology has a huge positive economic potential. Practical application of nanomaterials will certainly lead to significant technical progress, however, the problem of forecasting and evaluating the possible impact of new materials and technologies on human health and the environment, as well as the development of appropriate safety standards, is no less relevant. The need to assess the safety of nano-products for humans and the environment has led to the emergence of nanotoxicology - the science of created nanodevices and nanostructures, dealing with their effects on living systems. Its goal is to help solve the problems of the safety of nanomaterials for human health and the environment. The aim of the Conference is to provide an interdisciplinary platform for contact and exchange of information between scientists, engaging students and young scientists in research, and expanding cooperation between conference participants.

We are looking forward to seeing you at the Conference!

Organizing Committee

Conference organizers



Borekov Institute of Catalysis SB RAS
Novosibirsk, Russia



Far Eastern Federal University
Vladivostok, Russia



Institute of Cytology and Genetics
Novosibirsk, Russia



ITMO UNIVERSITY

ITMO University,
Saint Petersburg, Russia

Honorable Presidents of the Conference



Prof. Valerii Bukhtiyarov
Boreskov Institute of Catalysis SB RAS,
Novosibirsk, Russia



Prof. Aristides Tsatsakis
University of Crete,
Heraklion, Greece

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Dr. Aleksey Vedyagin	Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia
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Dr. Dmitry Shlyapin	Center of New Chemical Technologies BIC SB RAS, Omsk, Russia
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Secretariat Marina Klyusa Marina Suvorova <u>Secretary:</u> Svetlana Logunova	Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia

Scientific program

The main topics of the Conference scientific program are:

1. Nanotechnology

- Synthesis of novel nanostructured materials
- Unique physicochemical features of nanostructures
- Characterization methods for nanoparticles
- Nanosize effects in catalysis
- Nanotechnologies for green chemistry and clean energy
- Nanomedicine (nanoparticles as carriers of pharmaceuticals; nanoparticle based contrast agents; targeted delivery to pathology center; therapy with catalytically active nanoparticles; nanoparticles in the transmission of external influences)

2. Nanotoxicology

- Toxicology of nanoparticles
- Toxicity of purified and non-purified nanomaterials, oxidative stress and antioxidants
- Tissue specific response to nanoparticles
- Recognition and clearance of nanoparticles
- Individual resistance/susceptibility to nanocontamination
- Animal models in nanotoxicology

The Program will include plenary (45 min), keynote (30 min) lectures, oral (15 min) and poster presentations.

Working language of the Conference – English

Location

Sochi is a city in Krasnodar Krai, Russia, located on the Black Sea coast. Sochi is approximately 1,603 kilometers (996 mi) from Moscow. The Greater Sochi area has a total area of 3,526 square kilometers (1,361 sq mi) and sprawls for 145 kilometers (90 mi) along the shores of the Black Sea near the Caucasus Mountains. Being part of the Caucasian Riviera, Sochi is one of the very few places in Russia with a subtropical climate, with warm to hot summers and mild winters.



The northeastern part of the city belongs to the Caucasian Biosphere Reserve which is a World Heritage Site spanning vast areas in Krasnodar Krai and Adygea. Almost the whole area of the Greater Sochi, with the exception of the coast and of the area, which belong to the Caucasian Biosphere Reserve, are included into Sochi National Park.

Sochi has a humid subtropical climate with mild winters and warm summers. In October, the temperature fluctuates between 20 °C (68 °F) and 12 °C (54 °F), making the average temperature about 16 °C (61 °F).

With the alpine and Nordic events held at the nearby ski resort of Rosa Khutor in Krasnaya Polyana, Sochi hosted the XXII Olympic Winter Games and XI Paralympic Winter Games in 2014, as well as the Russian Formula 1 Grand Prix from 2014 until at least 2020. It was also one of the host cities for the 2018 FIFA World Cup. Participants will have a unique opportunity to visit famous Sochi Olympic Park.

The Conference will take place in **The Rosa Khutor Alpine Resort** that hosted the alpine skiing events for the **2014 Winter Olympics** and **Paralympics**. The resort is 50 kilometers (30 mi) east of the Black Sea at Sochi.

Conference venue

The conference will be held in the conference center of the hotel **Golden Tulip Rosa Khutor**. The Rosa Khutor - is an Alpine Resort, located 50 kilometers (30 mi) east of the Black Sea at Sochi.

Accommodation is arranged by the Organizing Committee at **Golden Tulip★★★★** and **Tulip Inn★★★** hotels at special rates (reduced for the Conference participants from 9 to 14 October 2019). Special offer for accommodation rates will be available in April 2019.

Address: 3, Panorama Embankment, Rosa Khutor Resort, Esto-Sadok, Krasnaya Polyana, Sochi.

Visa

The conference participants should apply for a **HUMANITARIAN** type of Russian visa. Boreskov Institute of Catalysis will be glad to assist you in obtaining a visa. More detailed information will be available on the conference website.

Please, check your passport. It should be valid at least six months after the event (April 13 2020).

Registration fee

The registration fee covers all Conference documentation and materials, Welcome reception, refreshments, and excursion.

Registration fee* (including 20% VAT)	
For Russian participants	20 000 Rubles for industrial participants
	14 000 Rubles for academic participants
	9 000 Rubles for students, PhD-students and accompanying persons
	1 000 Rubles for Virtual participation (thesis publication)
For foreign participants	400 Euro for academic / industrial participants
	200 Euro for students, PhD-students and accompanying persons
	50 Euro for Virtual participation (thesis publication)

Cancellation policy:

Request for cancellation up to September 10, 2019 inclusive: refund 60% of paid amount.

Fees are not refundable after September 11, 2019.

Refund payment will be settled during 90 days.



***For participants of the Conference «MCR-XI» (7-11 October 2019, Sochi) a 50% discount is given on the registration fee for participation in the «ANT-2019» conference. Discount is not available for Virtual participants.**

For detailed information about the discount, please contact the conference secretariat.

Important Dates

March 31, 2019	Submission of abstracts and application forms
May 13, 2019	Acceptance of notification, distribution of the Second Announcement
June 10, 2019	Distribution of the preliminary scientific program
August 20, 2019	Confirmation of participation, fee payment
September 25, 2019	Distribution of the final scientific program
October 9, 2019	Arrival
October 10 - 13, 2019	Scientific Program; Social Program
October 14, 2019	Departure

Contacts

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