





Georgian Association of Allergology and Clinical Immunology (GAACI)

Ministry of Science and Education of Georgia

Georgian National Academy of Sciences

Shota Rustaveli National Scientific Foundation

Tbilisi State Medical University

World Immunopathology Organization (WIPO)

World Allergy Organization (WAO)

International Union of Immunological Societies (IUIS)

European Federation of Immunological Societies (EFIS)

European Academy of Allergy and Clinical Immunology (EAACI)

American College of Allergy, Asthma and Immunology (ACAAI)

National Institute of Allergology, Asthma and Clinical Immunology

of the Georgian National Academy of Sciences

### **PROGRAM**

XI GEORGIAN NATIONAL CONGRESS ON ALLERGY, ASTHMA & IMMUNOLOGY

VII EUROPEAN CONGRESS ON ASTHMA, COPD & RESPIRATORY ALLERGY

I INTERNATIONAL CONGRESS "CORONAVIRUS INFECTION (COVID-19): PREVENTION, DIAGNOSIS, TREATMENT AND REHABILITATION

HYBRID CONGRESS

Tbilisi, Georgia May 4-7, 2022





#### WELCOME ADDRESS

#### Dear Colleagues and Friends, Ladies and Gentlemen,

On behalf of the Georgian Association of Allergology and Clinical Immunology (GAACI), World Immunopathology Organization (WIPO) and the Organizing Committee we have a great pleasure to welcome you in Tbilisi, Georgia at the the XI Georgian National Congress on Allergy, Asthma & Immunology and the International School/Conference "Molecular Allergology and vaccination"; I International Conference "Coronavirus Infection (COVID-19): Prevention, Diagnosis, Treatment and Rehabilitation", International School "Molecular Allergology and Vaccination" and VII European Congress on Asthma, COPD & Respiratory Allergy to discuss new information on basic knowledge in allergy and immunology and clinical management in immune-mediated diseases that was accumulated in the last years.

The Congress will last four days and will include plenary and poster sessions, free communications, main and section symposia, company sponsored symposia, debates and Junior members sessions. We are proud to announce a Keynote Lecture delivered by Professor Ignacio Ansotegui, Past-President of the World Allergy Organization. It is a great pleasure for us to welcome Professor Dana Walace, Past-President of American College pf Allergy, Asthma and Immunology, leaders of American Academy of Allergy, Asthma & Immunology and American College of Allergy, Asthma & Immunology professor Allen Kaplan and Professor Sami Bahna. The Congress Program will also include Joint sessions of the GAACI with the World Allergy Organization (WAO), European Academy of Allergy and Clinical Immunology (EAACI). The Program also includes the International School/Conference "Molecular allergology and Vaccination". This School/Conference is organized by the GAACI on the basis of a grant awarded by the Shota Rustaveli National Scientific Foundation. We are honored to welcome world famous scientists from the USA, UK, Israel, Spain, Bulgaria,Egypt and Germany who will deliver talks within the framework of the School/Conference., the leading scientists who represent the World Allergy Organization (WAO), the European Academy of Allergy and Clinical Immunology (EAACI), the World Immunopathology Organization (WIPO), the American College of Allergy, Asthma and Immunology (ACAAI), the International Union of Immunological Societies (IUIS), the European Federation of Immunological Societies (EFIS), the International Association of Asthmology (INTERASMA) and other international organizations and programs.

However, it would be a great mistake to come to Tbilisi and not to learn the country and its traditions. Our event offers you a great opportunity to visit Georgia, the country famous for its hospitality, fabulous feasting traditions, ancient history and great cultural heritage. We believe that it is better to see once than to hear many times.

Georgia has a very favorable geographic location. Mild subtropical climate, natural resources, glorious mountains, sunny seaside make Georgia a very attractive tourist site. One can ski in the mountains and then swim in the sea at the same day. There are numerous curative mineral springs, and the landscape, amazing in its diversity, is another valuable asset. There are palms, eucalyptuses and liana-entwined jungle of Colchis, the snowy mountain peaks; pine- and beach-clad slopes of the Caucasus ranges; the steppes of the Yori Plateau covered with beard grass; the orchards of Kartli and the world-famous vineyards of Kakheti, Imereti and Samegrelo and the alpine pastures of the upland regions of Svaneti, Tusheti and Khevsureti. Mountains and plateaus cover four-fifth of Georgia's territory. Ridges of mountains divide the country into regions, each of which has a distinctive landscape and microclimate, and characteristic architecture, costumes, folklore, traditions and customs. So, Georgia is the country for you to discover!

We welcome inquisitive-minded researchers and clinicians from all over the world to come to Georgia, a country of legends, emotions and toasts. One has first to try Georgia but having done so you are contaminated and can become Georgia-addict!

Welcome to Georgia!

Professor Revaz Sepiashvili, MD, FAAAAI, FACAAI, FACCP
WIPO and GAACI President
Congress President

Professor Tinatin Chikovani, MD Co-Chairman, Organizing Committee GAACI Past-President

### **ORGANIZING COMMITTEE**

### **Congress President**

**REVAZ SEPIASHVILI** 

### **Congress Co-Chair**

NUNU MISTKEVICH, GEORGE KVESITADZE, ZURAB VADACHKORIA, TINATIN CHIKOVANI, MAIA GOTUA

#### **EXECUTIVE COMMITTEE**

Nodar Gogebashvili, Ia Pantsulaia, Manana Chikhladze, Ketevan Nemsadze,

### Bidzina Kulumbegovi,

Tengiz Tsertsvadze,

Ivane Chkhaidze,

Manana Jgenti

#### **ORGANIZING COMMITTE MEMBERS**

Nino Adamia Nona Janikashvili Besarion Lasareishvili Nana Aleksishvili Rusudan Javakhadze Tatia Mtvarelidze Leila Akhvlediani Liana Jorjoliani Lali Mekokishvili Neli Barnabishvili **George Kamkamidze Tamaz Maglakelidze** Nino Bekaia **Zaal Kokaia** Nino Nanava **Sophio Bakhtadze** Darejan Khachapuridze **Marina Nagervadze Tamaz Chkhikvadze Bidzina Kulumbegovi** Irina Pkhakadze Nino Porakishvili **Gvantsa Chkadua** Maia Kherkheulidze Nana Dolidze Tina Kituashvili Maia Rukhadze **Sophio Gamkrelidze Elene Khurtsidze** Neriman Tsintsadze **George Gurgenidze** Nino Kikodze

#### Congress Secretariat

#### **MANANA CHIKHLADZE**

National Institute of Allergology, Asthma and Clinical Immunology, Georgian Academy of Sciences

6, Rustaveli Street, 5040 Tskhaltubo, Georgia Phone: (995-436) 22-2345; 599274379 E-mail: gaaci2014@gmail.com

#### **IA PANTSULAIA**

VI. BaKhutashvili Institute of medical Bioechnology, Tbilisi State Medical University Beliashvili st. 76., Digomi 0159 Tbilisi, Georgia

Phone: (995-599) 409283; 599730373 E-mail: gaaci2014@gmail.com





### VII EUROPEAN CONGRESS ON ASTHMA, COPD & RESPIRATORY ALLERGY

## I INTERNATIONAL CONGRESS "CORONAVIRUS INFECTION (COVID-19): PREVENTION, DIAGNOSIS, TREATMENT AND REHABILITATION"

Tbilisi, Georgia May 4-7, 2022

# GEORGIAN ASSOCIATION OF ALLERGOLOGY AND CLINICAL IMMUNOLOGY (GAACI)

#### **Executive Committee Members**



Revaz Sepiashvili President



Tinatin Chikovani
Past President



Nodar Gogebashvili Honorary President



Manana Chikhladze Secretary General



Maia Gotua Vice-President



Ia Pantsulaia Vice-President



Manana Jgenti *Treasurer* 

#### **GAACI Board Members**

















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Nino Adamia

Leila Akhvlediani

Nana Aleksishvili

Nino Bekaia



Ivane Chkhaidze



Amiran Gamkrelidze



Sophio Gamkrelidze



**George Gurgenidze** 



Nona Janikashvili



Rusudan Javakhadze



**George Kamkamidze** 



**Rusudan Karseladze** 



Darejan Khachapuridze



Maia Kherkheulidze



**Elene Khurtsidze** 



Nino Kikodze



Tina Kituashvili



**Zaal Kokaia** 



**Besarion Lasareishvili** 



**Tamaz Maglakelidze** 







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May 4-7, 2022



Lali Mekokischwili



**Nino Nanava** 



**Ketevan Nemsadze** 



Maia Rkhadze



**Neriman Tsintsadze** 



Lia Zhorzholiani







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## GEORGIAN ASSOCIATION OF ALLERGOLOGY AND CLINICAL IMMUNOLOGY (GAACI)

is a Member Society of the



WORLD ALLERGY ORGANIZATION (WAO)



EUROPEAN ACADEMY OF ALLERGY AND CLINICAL

**IMMUNOLOGY (EAACI)** 



WORLD IMMUNOPATHOLOGY ORGANIZATION (WIPO)



INTERNATIONAL UNION OF IMMUNOLOGICAL SOCIETIES (IUIS)



EUROPEAN FEDERATION OF IMMUNOLOGICAL SOCIETIES (EFIS)









#### VII EUROPEAN CONGRESS ON ASTHMA, COPD & RESPIRATORY ALLERGY

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#### **GENERAL INFORMATION**

#### **CONGRESS VENUE**

**The Radisson Blu Iveria Hotel is** the Headquarters of the XI Georgian National Congress on Allergy, Asthma and Immunology, the VII European Congress on Asthma, COPD & Respiratory Allergy, I International Congress "Coronavirus Infection (COVID-19), Prevention, Diagnosis, Treatment and Rehabilitation" and the International School "Molecular Allergology and Vaccination" on May 4 - 7, 2022.

Address: 1, Rose Revolution Square, 0108, Tbilisi, Georgia

Phone: (995-32) 240-2200 Fax: (995-32) 240-2201

#### **LANGUAGE**

The official languages of the the XI Georgian National Congress on Allergy, Asthma and Immunology, the VII European Congress on Asthma, COPD & Respiratory Allergy, I International Congress "Coronavirus Infection (COVID-19), Prevention, Diagnosis, Treatment and Rehabilitation" and the International School "Molecular Allergology and Vaccination" English and Georgian. Simultaneous translation of plenary session lectures will be provided.

#### REGISTRATION

The secretariat of the Congresses will be open in the hall of the Radisson Blu Iveria Hotel:

May 4, 13.00 – 19.00 May 5, 9.00 – 16.00 May 6, 9.00 – 15.00

#### NAME BADGES

All Congress participants, official guests, accompanying persons are kindly requested to wear their name badges for the participation in all scientific sessions and social events of the Congresses.

Speakers and chairpersons red line badges
Participants green line badges
Young scientists blue line badges
Accompanying persons orange line badges
Organizing Committee orange line badges

#### **OPENING CEREMONY**

The Opening Ceremony will be held in the Iveria Ballroom of the *Radisson Blu Iveria Hotel* on May 5, 2022 at 12:00.

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International Scientific School:"Molecular Allergology and Vaccination"





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#### **ORAL PRESENTATIONS**

Oral presentations last up to 20 min in Plenary Sessions and up to 15 min in Symposia. Keynote lectures last up to 30 min.

Power Point presentations (on memory stick) should be handed to the representative of the Organizing Committee not later than 15 min prior to the start of the session.

#### **SOCIAL EVENTS**

For social events every Congress participant as well as accompanying persons should have official invitations which can be received during registration.

#### **PRESIDENTIAL DINNER**

The Presidential Dinner will take place on May 6, 19.30 at the "Armazis Kheoba" Restaurant. Admission by tickets only. Georgian feasting at the table (Supra) is a peculiar phenomenon among the traditional habits and customs of Georgians. It has its strictly established laws and is governed by the toast master (Tamada). The centuries-old tradition continues up to these days. Georgian cuisine is famous for its variety. Especially, such delicious meals are pointed, as: khachapuri, khinkali, elardji, satsivi, etc. Georgians are experts at feasts and can entertain perfectly!

#### **COFFEE BREAKS**

Foyer of the Iveria Ballroom of the Radisson Blu Iveria Hotel

May 5, 11.30-12.00 May 6, 11.00-11.30

#### **ACCOMMODATION**

The Congress participants will stay in the following hotels:

#### Radisson Blu Iveria Hotel (Congress venue)

1, Rose Revolution Square, 0108, Tbilisi, Georgia

Phone: (995-32) 240-2200 Fax: (995-32) 240-2201

**Tbilisi Marriott Hotel** 

13, Rustaveli Avenue, 380008 Tbilisi, Georgia

Phone: (995-32) 277-9200 Fax: (995-32) 27-79210 **Courtyard Marriott Hotel** 

4, Freedom Square, 0105 Tbilisi, Georgia

Phone: (995-32) 277-9100 Fax: (995-32) 277-9110





#### PRACTICAL INFORMATION

#### THE CURRENCY AND BANKING

The currency in Georgia is Georgian Lari (GEL). As for May 2022, the exchange rate of GEL is: 1 USD - 3.1 GEL; 1 EUR - 3.35 GEL. Banks are open from 10:00 through 18:00 from Monday to Saturdays. All banks provide 24-hour cash machines, which accept most credit cards, such as Visa, MasterCard, Maestro or American Express. The plentiful Exchange Offices are available throughout the city.

#### **CLIMATE AND TIME**

The average temperature in Tbilisi in late May is 20–24°C. A raincoat or umbrella for frequent shower will be useful. The time zone in Georgia is GMT+4.

#### **CREDIT CARDS**

Only large hotels, restaurants and stores accept credit cards. So, it's recommended that visitors carry cash in the form of Georgian Lari (Only Georgian Lari is accepted as a payment) at all times for everyday expenses.

#### **ELECTRICITY**

The electrical current in Georgia is 220 V. Appliances designed to operate on 110V will require a transformer.

#### **PHARMACIES**

Prescription and non-prescription medicine is generally available at pharmacies 7 days a week. The majority of drug stores are open 24 hours a day and 7 days a week.

#### **SHOPPING AND LOCAL OPENING HOURS**

Shops are normally open from Monday to Saturday from 9:00/10:00 and close between 18:00 and 20:00. On Sundays, the majority of big stores are open at the same basis. The majority of large supermarkets are open 24 hours.

#### **VISA**

No visas are required for citizens of the USA, Russia, Canada, Japan, Israel, Switzerland and countries of the European Union to travel to Georgia for up to 90 days. A valid passport is needed. Citizens of other countries can obtain Georgian entry visas at Georgian Embassies and Consulates in their countries. The citizens can obtain Georgian entry visas at the consular-visa services located at the Tbilisi airport.





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#### **CME CREDITS**

The XI Georgian National Congress on Allergy, Asthma and Immunology, I International Congress: "Coronavirus Infection (COVID-19), Prevention, Diagnosis, Treatment and Rehabilitation", VII European Congress on Asthma, COPD & Respiratory Allergy; and are accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.



The XI Georgian National Congress on Allergy, Asthma and Immunology and the VII European Congress on Asthma, COPD & Respiratory Allergy are designated for a maximum of 18 hours of European external CME credits (ECMEC). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

#### **ACKNOWLEDGMENT**

The Georgian Association of Allergology and Clinical Immunology (GAACI) recognize the unrestricted educational grants of the companies listed below.























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Tbilisi, Georgia

May 4-7, 2022

#### **GOLD SPONSOR**



#### SPS:PEACLASIPS:PICKOSKOSFOR





### SILVER SPONSOR























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Tbilisi, Georgia May 4-7, 2022

## International Scientific School: "Molecular Allergology and Vaccination"

supported by Ministry of Education and Science of Georgia, Shota Rustaveli National Scientific Foundation of Georgia,





**PARTNER ORGANIZATION: Tbilisi State Medical University** 











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Wednesday, May 4, 9.00 - 16.00 Tbilisi State Medical University (33, Vazha Pshavela avenue) School/Conference Registration Desk For Young Scientist Open

Wednesday, May 4, 9.00 - 13.00

Tbilisi State Medical University (33, Vazha Pshavela avenue)

COVID-19 School Symposium №1

Chairmen: Luiza Gabunia, Gigi Gorgadze

Otar Koniashvili, Luiza Gabunia Tbilisi State Medical University, Tbilisi, Georgia

The devastating effect of polypharmacy in hospitalized patients with COVID-19

Gvantsa Khachiashvili, Ketevan Ghambashidze, Tbilisi State Medical University, Tbilisi, Georgia

Clinical and epidemiological characteristics of SARS-CoV-2-induced hypercoagulable state

Naga Harika Korrapati, Luiza Gabunia, *Tbilisi State Medical University, Tbilisi, Georgia*Dermatological manifestations related to Covid-19

Aasim Akthar Ahmed, Shorena Khetsuriani, Tbilisi State Medical University, Tbilisi, Georgia
Impaired wound healing amongst patients with Sars-Cov-2 Infection after major surgery

Areeba Hasan, Natia Gamkrelidze. Tbilisi State Medical University, Tbilisi, Georgia

Pediatric inflammatory multi-system syndrome in patients with COVID-19

**Gigi Gorgadze, Luiza Gabunia,** Student Scientific-Research Club "ENDEAVOR, *Tbilisi State Medical University, Tbilisi, Georgia* 

The impact of COVID-19 –pandemic on the lifestyle, productivity and psycho-emotional status of pediatric population









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Wednesday, May 4, 13.00 – 15.00

Tbilisi State Medical University (33, Vazha Pshavela avenue)

COVID-19 School Symposium №2

Chairmen: Luiza Gabunia, Gigi Gorgadze

Nino Kikvadze, Shorena Khetsuriani, Tbilisi State Medical University, Tbilisi, Georgia
The current of COVID-19 in pregnant women

Muskan Josh, Natia Gamkrelidze, *Tbilisi State Medical University, Tbilisi, Georgia*COVID-19-induced parotitis

Ankita Sunil, Luiza Gabunia, *Tbilisi State Medical University, Tbilisi, Georgia*Pharmacological management of COPD in patients with COVID-19

Saif Muhammad Khan, Luiza Gabunia, Tbilisi State Medical University, Tbilisi, Georgia

Treatment of dialysis patients with COVID-19

**Sopho Phirtskhalava, Magen I., Kavlashvili N., Chkhaidze N.** *Tbilisi State Medical University, M.lashvili Children's Central Hospital, Tbilisi, Georgia* 

SARS-CoV-2 associated multisystem inflammatory syndrome in children and acute appendicitis

Wednesday, May 4, 15.00 - 18.00

Tbilisi State Medical University (33, Vazha Pshavela avenue)

School Symposium "Microbiome, Virobiome and Chronic diseases"

Chairmen: Besarion Lasareishvili, Nino Kikodze

**Besarion Lasareishvili,** *Georgian Agricultural University, Tbilisi, Georgia* **Virobiome in Norma and Pathology - Modern Conditions and Prospects** 

Sopiko Burdiashvili, Georgian Agricultural University, Tbilisi, Georgia

Microbiota and it's significance in health

Elisabed Gelashvili, Georgian Agricultural University, Tbilisi, Georgia

**Microbiome and Chronic Inflamatory** 

Martha Kalandadze, Georgian Agricultural University, Tbilisi, Georgia

Probiotic medications – for what and when they are used?

**Rusudan Aprasidze,** *Tbilisi State Medical University; Eliava Institute of Bacteriophage, Microbiology and Virology, Tbilisi, Georgia* 

Pharmacokinetics of E.coli-specific UN-bacteriophage









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Thursday, May 5, 9.30 – 11.00 Iveria Ballroom, Radisson Blu Iveria Hotel

**Plenary Session** 

Chairmen: Allen Kaplan

Nunu Mitskevich Revaz Sepiashvili Dana Wallace

Allen Kaplan Charleston University SC, Charleston, USA

What mediator(s) causes death in anaphylaxis?

Dana Wallace Nova Southeastern Allopathic Medical School Fort Lauderdale, Florida, USA

Allergy Prevention: Is it Possible?

**Sami Bahna,** Allergy & Immunology Section, Louisiana State University Health Sciences Center Shreveport, USA

Allergy to antibiotics

**Ted Popov** University Hospital "Sv. Ivan Rilski" Sofia, Bulgaria

Managements of airway allergic diseases aggravated by air pollutants.









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Thursday, May 5, 12.00 – 12.30

Iveria Ballroom, Radisson Blu Iveria Hotel

#### **OPENING CEREMONY**

#### **Welcome Addresses**



Revaz Sepiashvili

Congress President
President, World Immunopathology Organization (WIPO)
President, Georgian Association of Allergology and
Clinical Immunology (GAACI)



Giorgi Kvesitadze

President, Georgian National Academy of Sciences



Nunu MItskevich

Deputy Minister, Ministry of Education and Science of Georgia



Ignacio Ansotequi

Past President, World Allergy Organization (WAO)





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Dana Wallace

Past-President, American College of Allergy, Asthma & Immunology



Zurab Vadachkoria

Rector, Tbilisi State Medical University



Tinatin Chikovani

Co-Chairman, Congress Program Committee









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Thursday, May 5, 12.30 – 14.15 Iveria Ballroom, Radisson Blu Iveria Hotel

**Plenary Session** 

Chairmen: Sami Bahna

Tinatin Chikovani Teodor Popov

Kamal Maurice Hanna

**Sami Bahna** Allergy & Immunology Section, Louisiana State University Health Sciences Center Shreveport, USA

Allergic reaction against COVID-19

Allen Kaplan Charleston Universitty SC, Charleston, USA

Activation of the bradykinin cascade and complement in COVID 19 infection

**Ted Popov** University Hospital "Sv. Ivan Rilski" Sofia, Bulgaria

Differentiation between signs and symptoms of COVID-19, allergic rhinitis, flu and common cold.

Kamal Maurice Hanna Faculty of Medicine, Cairo University, Cairo, Egypt

Clinical effects of Dry Sauna bathing. Potential implications for COVID-19 (Part 1)

Clinical effects of Dry Sauna bathing. Potential implications for COVID-19 (Part 2)

Thursday, May 5, 14.20-14.45 Iveria Ballroom, Radisson Blu Iveria Hotel ACADEMICIAN GURAM GURGENIDZE

MEMORIAL SCHOOL LECTURE

Chairmen: Chairmen: Manana Chikhlaze

Maya Rukhadze Teodor Popov

Maia Gotua, Center of Allergy and Immunology, Tbilisi, Georgia

The aroma of spring, allergic rhinitis and the path to free breathing"









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Thursday, May 5, 14.45. – 15.10
Iveria Ballroom, Radisson Blu Iveria Hotel
Dedicated to World Asthma Day-2022 Celebration

Sponsor - Astra Zeneca

Moderator Maia Rukhadze Lia Zhorzholiani

Maia Gotua, Center of Allergy and Immunology, Tbilisi, Georgia, Supported by AstraZeneca, Georgia

Closing Gaps in Asthma Care

Thursday, May 5, 15.15. – 15.45
Iveria Ballroom, Radisson Blu Iveria Hotel
ACADEMICIAN VAKHTANG MEUNARGIA
MEMORIAL SCHOOL LECTURE

#### Moderator Revaz Sepiashvili

**Nunu Mitskevich** Iv. Javakhishvili State University, Department of Immunology and Microbiology, Tbilisi, Georgia **The Mystery of the Thymus Microcosm** 

Thursday, May 5, 15.45 – 17.15

Meeting room 6, Radisson Blu Iveria Hotel

Round table: COVID-19 and Comorbid Diseases

Chairmen: Levan Ratiani, Ketevan Machavarini

**Levan Ratiani, Ketevan Machavariani, Elza Vashakidze** *Tbilisi State Medical University, The First University Clinic of the State Medical University, Tbilisi, Georgia* 

**Management of Respiratory Distress** 

**Konstantine Liluashvili, Elza Vashakidze,** *Tbilisi State Medical University, The First University Clinic of the State Medical University, Tbilisi, Georgia* 

Possible Rickets and Pathogenetic Mechanisms during COVID-19 Comorbidity









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Tamar Megrelishvili, Elza Vashakidze, Tbilisi State Medical University, The First University Clinic of the State Medical University, Tbilisi, Georgia

New information in current pregnant patients

Marina Jangavadze-Metreveli, Elza Vashakidze, Tbilisi State Medical University, The First University Clinic of the State Medical University, Tbilisi, Georgia

Neurological complications in patients with moderate and severe COVID-19

Ia Mikadze, Elza Vashakidze, Tbilisi State Medical University, The First University Clinic of the State Medical University, Tbilisi, Georgia

Results of treatment with baricitinib in patients with moderate and severe COVID- 19

Elene Pachkoria, Elza Vashakidze, State Medical University, The First University Clinic of the State Medical University, Tbilisi, Georgia

Detection of acute liver damage in patients with COVID- 19
Imeda Azaladze, New Hospital, Tbilisi, Georgia
Cardiovascular Abnormalities in HIV infected individuals

Thursday, May 5, 15.50 – 17.00. Iveria Ballroom, Radisson Blu Iveria Hotel

### ACADEMICIAN VLADIMIR BAKHUTASHVILI MEMORIAL SCHOOL SYMPOSIUM

**Immunogenetics of Cancer** 

Chairmen: Tinatin Chikovani, Ia Pantsulaia

Tinatin Chikovani, Tbilisi State Medical University, Tbilisi State Medical University

Destruction of tumor microenvironment as mode of in situ vaccination

Angel Porgador, Ben-Gurion University, Negev, Israel

CAR- and IC-based cancer immunotherapy, and diagnostics for precision cancer Immunotherapy George Kharebava, V. Bakhutashvili Institute of Medical Biotechnology, TSMU

Molecular markers in oncology diagnostic











#### VII EUROPEAN CONGRESS ON ASTHMA, COPD & RESPIRATORY ALLERGY

## I INTERNATIONAL CONGRESS "CORONAVIRUS INFECTION (COVID-19): PREVENTION, DIAGNOSIS, TREATMENT AND REHABILITATION"

Tbilisi, Georgia

May 4-7, 2022

#### ONLINE ZOOM SCHOOL SESSION

Thursday, May 5, 17.00-19.30
Iveria Ballroom, Radisson Blu Iveria Hotel

**Stefano Del Ciacco** *EAACI Vice-president Italy* 

Mohamed Shamji EAACI Research Committee Chair, Imperial College, London, UK

Manana Kvezereli-Javey, Roche Sequencing Solutions, CA, USA

Solid tumor genomic profiling using Next Generation Sequencing (NGS)

Natalia Aptsiauri, University of Granada Medical School, Granada, Spain

The evolving landscape of novel immune checkpoints in correlation with tumor antigen

Ravi Nair, Cleveland Clinic, Cleveland, USA

**COVID-19 and Heart** 

Paolo Fagone, Catania School of medicine, Catania, Italy

The role of macrophage migration inhibitory family in autoimmune diseases. From bench to bedside

**Dietrich Kabelitz,** Schleswig-Holstein University Medical Center, Kiel, Germany

Modulation of human gamma/delta T-cell activation by innate immune receptor ligands

Rodrigo Salvador Gonzalez, Laboratories "Normon", Normon pharmaceutical company, Madrid, Spain

Normon is a better choice!

#### ONLINE VIDEO SCHOOL SESSION

Thursday, May 5, 19.30.-21.00

Iveria Ballroom , Radisson Blu Iveria Hotel

Giorgio Walter Canonica, Humanitas University, Clinic-Humanitas Research Hospital, Milano, Italy
Severe Type 2 Asthma: Role of Biologics

Adnan Custovic, National Heart and Lung Institute, Imperial College London, UK COVID-19, asthma and allergies

**Antti Lauerma** EAACI Executive committee Member-at-Large , Helsinki, Finland









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Tbilisi, Georgia May 4-7, 2022

*Friday, May 6,* 9.00 – 9.25

Iveria Ballroom 1, Radisson Blu Iveria Hotel

### ACADEMICIAN VAKHTANG KIPIANI MEMORIAL SCHOOL LECTURE

Moderator: Tinatin Chikovani

George Kamkamidze, Clinic "Neolab", University of Georgia, Tbilisi, Georgia

Viral hepatitis pathophysiology - how reversible is the liver damage?

*Friday, May 6,* 9.25 – 9.55

Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

### ACADEMICIAN YURI MALASHKHIA MEMORIAL SCHOOL LECTURE

Moderator: Ivane Chkhaidze

**Tamaz Maglakelidze,** Georgian Respiratory Association, Tbilisi State University, Tbilisi, Georgia Functional diagnostic of respiratory system diseases









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Tbilisi, Georgia May 4-7, 2022

Friday, May 6, 9.55 - 11.20

Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

**Symposium: COVID-19 Infection in Pediatric Patients** 

Chairmen: Sopio Bakhtadze Ivane Chkhaidze Tamaz Maglakelibze

Sopio Bakhtadze, Tbilisi State Medical University, Tbilisi, Georgia

Vaccination in children with different neurologic diseases

Ivane Chkhaidze, *Tbilisi State Medical University, Iashvili Central Children Hospital, Tbilisi, Georgia*Multisystem Inflammatory Syndrome in Children Associated with COVID-19: Epidemiology, Clinical Features and Treatment

George Kamkamidze, Clinic "Neolab", University of Georgia, Tbilisi, Georgia

The emergence of SARS-CoV-2 new variants and peculiarities of immune responses to them Nino Totadze, *Tbilisi State Medical University*, *Tbilisi, Georgia* 

**Children diet – modern aspects** 









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Tbilisi, Georgia May 4-7, 2022

Friday, May 6, 9.30-11.00

Iveria Ballroom 1, Radisson Blu Iveria Hotel
School Symposium "Allergy in Practice:
Prevention, Diagnosis and Management"

Moderators: Liana Zhorzholiani, Rusudan Karseladze, Maia Kherkheulidze

**Liana Zhorzholiani, Nino Adamia,** *Ivane Javakhishvili Tbilisi State University, Georgian Association of Pediatricians, Institute of Pediatrics, Tbilisi State Medical University, Tbilisi, Georgia* 

Atopic dermatitis - beyond first-line therapy.

**Rusudan Karseladze**, *Ivane Javakhishvili Tbilisi State University, Georgian Association of Pediatricians. Institute of Pediatrics, Tbilisi, Georgia* 

Phenotypes of Kawasaki and Covid-19-related inflammatory multis syndrome.

Maia Kherkheulidze. Tbilisi State Medical University, Tbilisi, Georgia Food allergy - modern aspects.

Lali Saginadze, Iashvili Pediatric Clinic, David Agmashenebeli University of Georgia, Tbilisi, Georgia Stevens - Johnson Syndrome in Childhood - Where Are We Now?

Teimuraz Mikeladze, Caucasus Medicine Center, Curatio Clinic, Tbilisi, Georgia Prognostic biomarkers of asthma in the pediatric population during wheezing.

Friday, May 6, 11.30-12.00
Iveria Ballrooom 1, Radisson Blu Iveria Hotel
ACADEMICIAN TEIMURAZ CHANISHVILI
MEMORIAL LECTURE

Moderator: Besaraion Lasareishvili

Nino Chanishvili, Eliava Institute of Bacteriophage, Microbiology and Virology; Phage therapy: past, present and future









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Tbilisi, Georgia May 4-7, 2022

Friday, May 6, 11.30 – 12.30 Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

Plenary session

Chairmen: Tinatin Chikovani Manana Chikhladze Allen Kaplan Nunu Mitskevich

Ignacio Ansotegui – Department of Allergy & Immunology, Hospital Quironsalud, Bilbao, Spain Why is allergy increasing

Eli Magen, Barzilai Medical Center, Ben Gurion University, Ashkelon, Israel

High rates of allergies, autoimmune diseases and low-grade inflammatory markers in treatment-resistant major depression

Ignacio Ansotegui – Department of Allergy & Immunology, Hospital Quironsalud, Bilbao, Spain Precision medicine in Immunotherapy

Friday, May 6, 12.30 -14.00

Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

School Symposium Dedicated to Celebrate World Allergy Week-2022

Chairmen: Ignacio Ansotegui, Manana Chikhladze, Tinatin Chikovani Maya Gotua

Ignacio Ansotegui, Manana Chikhladze, World Allergy Organizatin
Welcome address on behalf World Allergy Organization

Maia Gotua, Center of Allergy and Immunology, Tbilisi, Georgia, Sponsored by GM PHARMA

Parallels in the Development of International Standards for the Treatment of Allergies to the
Direction of Europe and Asia

Maia Rukhadze, Center of Allergy and Immunology, Tbilisi, Georgia
Asthma and Sports

Bidzina Kulumbegovi, Center of Allergy and Immunology, Tbilisi, Georgia
Immunoinflammatory parameters in patients with antihistamine-resistant chronic spontaneous

urticaria
Nino Mchedlishvili. Center of Alleray and Immunology. Thilisi. Georgia

Nino Mchedlishvili, Center of Allergy and Immunology, Tbilisi, Georgia
Chlorhexidine, Polyethylene glycol, and other Hidden Allergens
Bidzina Kulumbekovi, Center of Allergy and Immunology, Tbilisi, Georgia, sponsored by GEA
Atopic dermatitis as the beginning of an allergic odyssey









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Friday, May 6, 14.00.-14.30
Iveria Ballroom 2+3, Radisson Blu Iveria Hotel
ACADEMICIAN VAKHTANG BOCHORISHILI
MEMORIAL LECTURE

Moderator: Tinatin Chikovani

Lali Mekokishvili Ilia state University, Tbilisi, Georgia Red face

Thursday, May 6, 14.30 – 15.10

Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

JOINT SCHOOL SESSION
of the Georgian Association of Allergology and Clinical
Immunology (GAACI) and the Georgian Association of
Photodermatology and Skin Cancer

Chairmen: Lali Mekokishvili, Maia Datuashvili

Session 1. Fascinated clinical cases – presentation and discussions

Lali Mekokishvili, Ilia State University, Clinic Woman and Health, Tbilisi, Georgia
Introduction

Nino Nishnianidze, Clinic Total Sharm, Tbilisi, Georgia

Complications of device based aesthetic procedures – cases from clinic

Maka Sirbiladze, Clinic Woman and Health

IPL in rosacea treatment – impressive clinical cases

Kakha Bregvadze, Ilia State University, Tbilisi, Georgia

Patient with pruritic papules and reticular hyperpigmentation









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Tbilisi, Georgia May 4-7, 2022

Mariam Paichadze, Ilia State University, Tbilisi, Georgia
 Pediatric patient with lichenoid rush – clinic pathologic correlation – case report

Friday,May 6, 15.10 – 16.30 Iveria Ballroom 2+3 , Radisson Blu Iveria Hotel

**JOINT SCHOOL SESSION** 

of the Georgian Association of Allergology and Clinical Immunology (GAACI) and the Georgian Association of Photodermatology and Skin Cancer

> Chairmen: Lali Mekokishvili, Maia Datuashvili

Session 2. All about psoriasis

Kakha Bregvadze, Ilia State University, Tbilisi, Georgia
Immunopathogenesis of psoriasis - targets for treatment

Nino Lortkipanidze, David Tvildiani Medical School, Ilia State University, Tbilisi, Georgia Scalp psoriasis

Maia Datuashvili, Clinic Curatio, Ilia State University, Tbilisi, Georgia Nail Psoriasis

Irma Buchukuri, Petre Shotadze Tbilisi Medical Academy, Ilia State University, Tbilisi, Georgia Psoriasis management in biologic era

Konstantin Tsagareishvili, Akaki Tsereteli Kutaisi State University, Ilia State University, Tbilisi, Georgia
Topical therapy of psoriasis

Friday, May 6, 13.30. - 14.00.

Iveria Ballroom 1, Radisson Blu Iveria Hotel
SCHOOL LECTURE DEDICATED
TO PROFESSOR NINELI BEREINAYA

**Besarion Lasareishvili,** Agricultural University of Georgia, Tbilisi, Georgia Virobiome studies current state and Perspectives









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Tbilisi, Georgia May 4-7, 2022

Friday, May 6, 14.00 - 14.30

### Iveria Ballroom 1, Radisson Blu Iveria Hotel SCHOOL LECTURE

Moderator: la Pantsulaia

**Besarion Lasareishvili,** Agricultural University of Georgia, Tbilisi, Georgia Vaccine Classification - Key Types, Advantages and Weaknesses

> Friday, May 6, 14.30 – 16.30 Iveria Ballroom 1, Radisson Blu Iveria Hotel

School Symposium: "COVID-19 Infection in Allergic Patients"

Chairmen: George Kamkamidze, Tamaz Maglakelidze

**Eli Magen,** Barzilai Medical Center, Ben-Gurion University, Ashkelon, Israel

Chronic spontaneous urticaria after BNT162b2 mRNA (Pfizer-BioNTech) vaccination against SARS-Cov-2

Tamaz Maglakelidze, Georgian Respiratory Association, Tbilisi Georgia

Chronic obstructive disease – diagnostic and therapeutic prospective

**Sopio Gamkrelidze**, Kutaisi State University, Kutaisi,National Institute of Allergology,Asthma & Clinical Immunology,Tskhaltubo, Georgia

Monitoring and management of post-COVID- 19 respiratory symptoms

**Daredjan Khachapuridze,** Kutaisi State University, Kutaisi, National Institute of Allergology, Asthma & Clinical Immunology, Tskhaltubo, Georgia

Synthesis of guideline and personalized approach in the management of COVID- 19 infection Elene Khurtsidze EVEX Clinics. Head of the clinical Department, Tbilisi, Georgia

Post COVID-19 cytokine profile and quality of life

Rusudan Javakhadze, Marina Tsimakuridze, Nana Khatiashvili, Khatuna Chigogidze, Olga Gvaberidze JSC "N. Makhviladze Labor Medicine and Ecological scientific research Institute, Tbilisi, Georgia

Coronavirus infection -new risk factor of medical personnel morbidity









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Tbilisi, Georgia May 4-7, 2022

Friday, May 6, 16.30-17.00 Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

## PROFESOR BORIS KORSANTIA MEMORIAL LECTURE

**Tina Kituashvili** Ivane Javakhishvili Tbilisi State University, S/R National Center of Dermatology and Venereology, Tbilisi, Georgia

**Actuality of Teledermatology in Pandemic Period** 

Friday, May 6, 17.00-18.30 Iveria Ballroom 2+3, Radisson Blu Iveria Hotel

School Scientific-Practical Conference of Georgian association of Dermato-Venereologists COVID-19 infection and Dermatological problems

Chairmen: George Galdava Tina Kituashvili Sopiko Liluashvili

**Teona Gvelesiani** S/R National Center of Dermatology and Venereology, Tbilisi, Georgia **Skin manifestation of Covid-19 infection** 

Tamar Urushadze, Tina Kituashvili Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia Pandemic-related skin problems

**Nini Khaburzania, Sophiko Liluashvili** European University, S/R National Center of Dermatology and Venereology, Tbilisi, Georgia

Postcovidal hair loss- mechanism, treatment and prevention

**Tamar Ebanoidze, Nino Solomonia** European University, S/R National Center of Dermatology and Venereology, Iashvili Pediatric Hospital, Tbilisi, Georgia

Aplasia cutis - clinical case

**loseb Kobakhidze,** Tbilisi Association of Dermato-Venereologists Association, Tbilisi, Georgia, Sponsored by GEA

Treatment with oral isotretinoin and COVID 19









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Tbilisi, Georgia May 4-7, 2022

Friday, May 6, 19.30
"Armazis Kheoba" Restaurant

### PRESIDENTIAL DINNER

Admission by tickets only















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Saturday, May 7, 9.00-14.00

Tbilisi State Medical University (33, Vazha Pshavela avenue)
School Symposum "Research projects in biomedicine"

Moderator: Nona Janikashvili, Nino Nanava

Workshop 1 : Technical skills of preparation of research projects in biomedicine by young scientists (part 1)

Practical work: Technical skills of preparation of research projects in biomedicine by young scientists (part 2: Preparation of individual projects)

Saturday, May 7, 14.00-16.00

Tbilisi State Medical University (33, Vazha Pshavela avenue)
School Symposium "Type of Vaccines,
Vaccination and perspectives"

Moderator: Besarion Lasareishvili, Nino Didbaridze

Nia Gachechiladze, Georgian Agricultural University, Tbilisi, Georgia

**Novel Developments and Next-Generation Vaccines** 

Salome Chkoidze, Georgian Agricultural University, Tbilisi, Georgia

Vaccines Against Parasites - Types, action and effectivness

Ekaterine Gachechiladze, Georgian Agricultural University, Tbilisi, Georgia

Adjuvants and Adjuvanticity - Types, action and side effects

Natia Geliashvili, Eliava Institute of Bacteriophage, Microbiology and Virology; University of Georgia Incapsulation Methods of phages and Nucleic Acids

Salome Ghvinephadze, Georgian Agricultural University, Tbilisi, Georgia
Failures in Vaccination

**Ketevan Mikadze,** Georgian Agricultural University, Tbilisi, Georgia

**Adverse Consequences of Vaccination** 

Anuki Natsvlishvili, Georgian Agricultural University, Tbilisi, Georgia

The Administration of Vaccination: Schedule, intervals, revaccination









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Shalva Sharmiashvili, Georgian Agricultural University, Tbilisi, Georgia

Antisera and y-globulins: Types, Action and Complications

Otar Chankvetadze, Tbilisi State Medical University, Tbilisi, Georgia

**Covid-19 Vaccines: Current State and Perspectives** 

Ani Mikashavidze, Georgian Agricultural University, Tbilisi, Georgia

Anticancer vaccines: types, action, perspectives

Saturday, May 7, 16.00-19.00

Tbilisi State Medical University (33, Vazha Pshavela avenue)
School Symposium "Vaccines and Vaccinations in the different species

Moderator: Besarion Lasareishvili, Lasha Avaliani, Tamar Tsetsvadze Davit Shalamberidze

**Tamar Gogniashvili,** Georgian Agricultural University, Tbilisi, Georgia

Fish Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity

Lana Mtvarelidze, Georgian Agricultural University, Tbilisi, Georgia

Equine Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity

Natia Robakidze, Georgian Agricultural University, Tbilisi, Georgia

Canine Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity

Tsia Toria, Georgian Agricultural University, Tbilisi, Georgia

Feline Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity
Lika Merkviladze, Georgian Agricultural University, Tbilisi, Georgia

Porcine Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity

Dasha Toria, Tsia Toria; Georgian Agricultural University, Tbilisi, Georgia

Bovine Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity Salome Aptsiauri, Tsia Toria; Georgian Agricultural University, Tbilisi, Georgia

Sheep and Goat Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity

Mariam Kartvelishvili, Georgian Agricultural University, Tbilisi, Georgia

Poultry Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity Mariam Kapanadze, Georgian Agricultural University, Tbilisi, Georgia

Exotic and Wild Species Immunoprophylaxis: Vaccines, Vaccination schedule and post-vaccination immunity





### Friday, May 6, 18.30 - 19.00

### Iveria Ballroom, Radisson Blu Iveria Hotel

### **CLOSING CEREMONY**



Congress President

President, Georgian Association of Allergology and Clinical

Revaz Sepiashvili Immunology (GAACI)

President, World Immunopathology Organization (WIPO)



Tinatin Chikovani Co-Chairman, Congress Program Committee