



საპარტევლოს განათლების,  
მეცნიერების, კულტურისა და  
სპორტის სამინისტრო

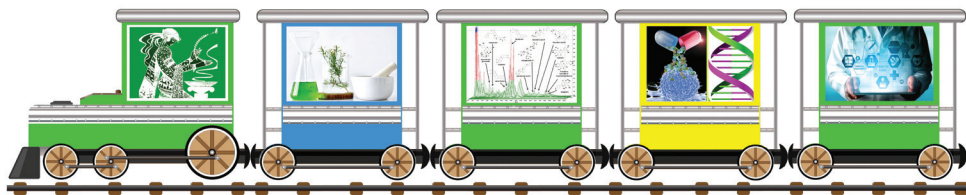


GEORGIAN PHARMACISTS  
ASSOCIATION

# International Scientific Conference Green Medications By Green Technologies – For Healthy Life

The conference is dedicated to the 100<sup>th</sup> anniversary  
of pharmaceutical education in Georgia

The conference is held in the frames of the 'Science and Innovation Festival' organized by  
the Ministry of Education, Science, Culture and Sport of Georgia



## 27-28 September, 2019 - Tbilisi, Georgia

Tbilisi State Medical University

CONFERENCE ORGANIZERS

- Tbilisi State Medical University

- Georgian Pharmacists Association

International Scientific Conference  
**Green Medications – By Green Technologies – For Healthy Life**  
27-28 September, 2019

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Tbilisi State Medical University, Tbilisi, Georgia

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## PROGRAMME

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- Tbilisi State Medical University
  - Association of Georgian Pharmacists
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#### About Conference

Place of conference is Tbilisi State Medical University  
Tbilisi-Georgia  
Vazha-Pshavela ave, 33  
27-28 September, 2019

27-28 SEPTEMBER, 2019

## ORGANIZING COMMITTEE

Vadachkoria Zurab	Memarne Guram
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Todadze Khatuna	Chikovani Tinatin
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Tushurashvili Paata (Georgia)	Nikolishvili Ketevan (Georgia)	Jokhadze Malkhaz (Georgia)

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## Conference Secretariat

Head of Secretariat: Imnadze Nino

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Bozhadze Ana	Masiukovich Tamari	Sharadze Amiran
Tomadze Ioseb	Papiashvili Niko	Zazadze Revaz

## PROGRAMME

### DAY I - Oral Presentations

08.00 – 09.00	Registration
09.00 – 18.00	Exhibition of Innovative Technologies and Devices
09.00 – 09.15	Open Ceremony

### Plenary session I: The New Algorithms of Healthcare - For Healthy Life

**Chairs: Prof. Paata Tushurashvili (Georgia), Prof. Hans Baumler (Germany)**

09.15– 09.30	Dali Berashvili (Georgia): *Centennial Georgian Pharmaceutical Education
09.30 – 09.50	Viacheslav Buko (Belarus): *Beneficial Activities of Natural Antioxidants in Experimental Liver Pathology and Type 1 Diabetes
09.50 – 10.05	Irine Zarnadze (Georgia): *The Essence of Algorithms in Healthcare and Modern Information Technologies in Maintaining a Healthy Life
10.05 – 10.20	Lela Maskhulia (Georgia): *Evaluation of Relationship Between Oxidative Stress and Antioxidant Status in Georgian Elite Athletes with Overtraining Syndrome
10.20-10.35	Devi Tabidze (Georgia): *Medical Tourism in Georgia - Analysis of Social Research Results about Development and Perspectives

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14.45 – 15.00	Luisa Kunchulia (Georgia): *The Modern Approaches of Standardisation of Substances of DAS
15.00 – 15.15	Galina Meparishvili (Georgia): *Plants Quarantine an Essential Tools for Food Safety
15.15 – 15.25	Imeda Rubashvili (Georgia): *Modern Approaches to Cleaning Validation in Pharmaceutical Industry
15.30 – 16.00	<b>COFFEE BREAK</b>
16.00 – 16.20	Radostina Georgieva (Bulgaria): *Application of Nanoparticles in Medicine
16.20 – 16.40	Jarostaw Widelski (Poland): *Green Anxiolytics – New Hope for Old Fears
16.40 – 17.00	Wirginia Kukula-Koch (Poland): *The Application of Different Modes of Operation in the Centrifugal Partition Chromatography (CPC) Based Isolation of Natural Products
17.00 – 17.15	Elene Abzianidze (Georgia): *Genomic Education for the Next Generation of Healthcare Professionals in TSMU: Key Messages / Core Ideas
17.15 – 17.30	Nona Janikashvili (Georgia): *Mathematical Models of Immunopathogenesis and Immunotherapy of Rheumatoid Arthritis
17.30 – 17.45	Seyran Kocharyan (Armenia): The Main Aspects of Scientific Research Projects Management by YSMU Grants Success Example
17.45-18.00	Lia Karalashvili (Georgia): *Developing Bioactive Hydrogel and Their Use in Chronic Wound Treatment
19.00	<b>DINNER</b>

## DAY II

**Plenary session III: Education - For Healthy Life****Chairs: Prof. Iagor Balanchivadze (Georgia), Prof. Nana Makaradze (Georgia):**

09.00 - 09.15	Iagor Balanchivadze (Georgia): *The Role of Inclusive Education in Preschool Institution
09.15 - 09.30	Nana Makaradze (Georgia): *Importance of Student's Load Regulation
09.30 - 09.45	Natia Makaradze (Georgia): *Safe School and Effective Disinfection
09.45 - 10.00	Nato Kobuladze (Georgia): *University Services to Raise Awareness of Healthy Living at Schools
10.00 - 10.15	Lali Abdaladze (Georgia): About Health Conditions of Ozurgeti Theological Seminary Pupils of Guria -Samegrelo Eparchy in the *Second Half of the 19th Century
10.15 - 10.30	Irma Kurdadze (Georgia): *Teaching Environmental Issues at High School as One of the Most Important Directions of Healthy Life
10.30 - 11.00	<b>COFFEE BREAK</b>
11.00 - 11.15	Shorena Maglaketidze, D. Malazonia, T. Malazonia, T. Pkhaladze (Georgia): *Interactions, Results, and Significance of Education and Health
11.15 - 11.30	Marine Gurgeniidze (Georgia): *The Support to Pupils in Socio-emotional Formation at School Environment
11.30 - 11.45	Nana Putkaradze (Georgia): *Inferior Education and Risk Factors Containing Life Threat
11.45 - 12.00	Mariana Balasaniani (Georgia): *Mastering of Ecological Knowledge and Skills in the Process of Teaching Foreign Languages
12.00 - 12.15	Lasha Mskhiladze (Georgia): Science and TSMU, I. Kutateladze Institute of Pharmacochimistry
12.15 - 13.15	Poster Presentation
13.15 - 14.00	Closing Ceremony
14.00 - 15.00	<b>LUNCH</b>

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## SESSION IV 12.00-13.00 POSTER PRESENTATIONS

1. Abuladze N., Gabunia K., Chubinidze N. (Georgia):  
Development and New Studies of an Ointment Containing Phenolic Compounds for the Treatment of Dermatomycosis

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2. Akhmedov B., Topchieva Sh., Gorgaslidze N., Nurieva I., Madatov R. (Azerbaijan):  
The Influence of Insect Pests of Walnut Fruit Crops of Azerbaijan on the Quality Composition of Hazelnuts

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3. Aladashvili N., Kunchulia L., Tsiklauri M., Nemsadze M., Ioramashvili B. (Georgia):  
Standardisation Issues of Some Samples of Georgian Propolis

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4. Alania M., Kavtaradze N., Sutiashvili M. (Georgia):  
Biologically Active Compounds of *Astragalus falcatus* Lam.

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5. Amiranashvili L., Barbakadze V., Gogilashvili L., Merlani M. (Georgia):  
Isolation and Analysis of Low Molecular Compounds from SYMPHYTUM (Boraginaceae)

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6. Bakhtadze N., Bakuridze L. Gokadze S. (Georgia):  
Formulation and Characterization of Vinpocetine Polymeric Nanoparticles for Intranasal Delivery

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7. Barbakadze Kh. , Lekishvili N., Arziani B., Lekishvili G. (Georgia):  
Bioactive Additives for Hybrid Composites: from Structural Diversity to Application

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8. Barbakadze N., Nadaraia N., Kakhbrishvili M. (Georgia):  
Synthesis of New Azaderivatives of 5-pregnan-3 $\alpha$ -ol-20-one

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9. Beridze M. (Georgia):  
Bioecology of *Helleborus caucasicus* and its Use in Medicine

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10. Bokuchava N., Murtazashvili T., Sivsivadze K., Tatanashvili M., Kirvalidze T. (Georgia):  
Selection of Optimal Conditions for Polyphenol Compounds Extraction from Grapevine Shoots

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11. Bolkvadze G., Diasamidze I., Diasamidze I., Varshanidze D. (Georgia):  
Recreation, Open Space and Greening

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12. Bolotashvili I., (Georgia):  
Formulation and Technology of Valerian Oral dispersible and Sage Mucoadhesive Films

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13. Cheishvili T., Goletiani K. (Georgia):  
Endemic Medicinal Plants of Imereti and Some Ethnobotanical Excursion

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14. Chikviladze T., Chincharadze D., Tskhadadze SH., Tsoপুরashvili S., Otarashvili T. (Georgia):  
Comparison of in vitro Release of Dexketoprofen Trometamol from "ZUM-25" and Its Brand Analogue by High-Performance Liquid Chromatography

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15. Chikvatia L., Obgaidze., Zagradze D. (Georgia):  
Modern Approaches in the Treatment of Patella-femoral Joint

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16. Chubinidze N., Abuladze N., Ivach P. (Georgia):  
The Use of Some Plants and Mineral Resources of Georgia for Producing Cosmetic and Medicinal Remedies

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17. Chunikhina D., Akhmetova S. B. (Kazakhstan,):  
Survival of *Bacillus Subtilis* Bacteria on Organic Carriers with Crude Oil Pollution In Vitro

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18. Ebralidze L., Tsertsvadze A., Berashvili D., Bakuridze K., Bäumlner H. (Georgia):  
Formulation of Biodegradable Polymeric Nanoparticles Containing Cytotoxic Substance of Plant Origin

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19. Gabunia K., Jikia N. (Georgia):  
Stevia: Some Issues of its Application in Pharmacy

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40. Makhniashvili T., Baramidze K., Nizharadze N., Ioramashvili B., Lekishvili N. (Georgia):  
Biowaiver Study of "Normodipin" 5 mg Tablets vs "Amlodipine-Dexel" 5 mg Tablets
41. Masiukovich T., Antelava N., Gongadze N., Gotsiridze R. (Georgia):  
Results of the Study of "Barezhin" Type Peloids Widespread in Adjara and Prospects for Their Use in Medicine
42. Mchedlidze K., Churadze M., Anelli J., Lomidze E. (Georgia):  
Sustainable Microstructural Diagnostic Traits of *Daphne* species (Thymelaeaceae) Stems
43. Merlani M., Barbakadze V., Amiranashvili L., Gogilashvili L., Geronikaki A. (Georgia):  
Caffeic Acid Derivatives: Synthesis and Antimicrobial Activity
44. Memarne Q., (Georgia):  
Kolkheti Lowland and Ethnoecology
45. Metreveli M., Tchaizde F., Jakeli J., Kandelaki M., Kodanovi L. (Georgia):  
Angiosperms Introduced Woody Plants, Containing Biologically Active Substances in the Landscapes of Coastal Adjara
46. Mulkijanyan K., Gogitidze N., Sulakvelidze M., Novikova Zh., Mushkiashvili N. (Georgia):  
The Healing Potential of Steroidal Compounds from *Yucca gloriosa*
47. Murtazashvili T., Sivsivadze K., Tatanashvili M., Khotivirishvili T., Masiukovich T. (Georgia):  
Determination of Organic Acids in the Shoots of Some Georgian Grapevine Varieties
48. Murtazashvili M., Chikviladze T., Tushurashvili P. (Georgia):  
Analysis of Synthetic Cannabinoids AB-FUBINACA and 5-F-AB-PINACA in Plasma Using LC-MS/MS Method
49. Nadaraia N., Barbakadze N., Kakhabrishvili M. (Georgia):  
New Hydrazones of Epiandrosterone
50. Nemsitsveridze N., Khvedelidze S., Nikuradze N., Dugashvili N., Zarkua T. (Georgia):  
The Role of Management in the Turnover of the Psychotropic Drugs
51. Nikuradze N., Nemsitsveridze N., Dughashvili N., Zarkua T., Iamanidze N. (Georgia):  
Some Aspects of Medical Tourism Based on Data of Tbilisi's Family Hotels
52. Nozadze B., Kutkhashvili M., Shonia E. (Georgia):  
Determination of Fentanyl in Postmortem Blood with LC-MS/MS
53. Oproshanska T.V., Khvorost O.P. (Ukraine):  
The Analysis of Morphological Features of Medicinal Plant Raw Material
54. Orjonikidze M., Tsagareishvili G., Lagazidze D., Vachnadze V. (Georgia):  
Evaluation of Leukobetin Incorporation into Liposomes
55. Papiashvili N., Gongadze N., Bakuridze K. (Georgia):  
Designing, Technology and Study of Antihypertensive Potential of Orodispersible Tablet's Containing Herbal Phenolic Compounds
56. Prokopenko Yu., Georgiyants V. (Ukraine):  
Herbal Resources for New Antiepileptic Drugs Creation
57. Sagareishvili T., Shalashvili K. (Georgia):  
Flavonoids of *Salvia garedji* and *Trifolium canescens*
58. Sanikidze T., Tikaradze E., Ormotsadze G. (Georgia):  
The Structure and Risk of Chronic Morbidity in Some Villages of the Upper Imereti Region of West Georgia and Their Molecular and Cytogenetic Markers

59. Savchenko L., Ivanauskas L., Materiienko A., Georgiyants V. (Ukraine):  
Stability Estimation of the Compounding Deflagilic Ointment
60. Shekiladze E., Mdzinarishvili T., Sanikidze T. (Georgia):  
Antioxidant Activity of Green Tea Catechins Containing Liposomes  
on Jurkat and MDCK Cells Experimental Models
61. Sikharulidze Z., Natsarishvili K., Dumbadze R. and Sikharulidze K. (Georgia):  
Resistant Cultivar–Guaranty for Increasing of Crop Yield and Food Safety
62. Simard F., Gandrieau S., Derot-Desclaux É., Legault J., Ripoll L. and Pichette A. (Canada):  
Wastewater Obtained During Industrial Processing of *Betula papyrifera* Wood is a Source of  
Antioxidant Polyphenols
63. Shalashvili K., Gauarashvili N. (Georgia):  
Biologically active compounds of *Rhododendron ponticum* L.
64. Sulakvelidze M., Novikova Zh., Mulkiyanan K. (Georgia):  
Glycosides from *Tribulus terrestris* - analgesics with Minor Gastrotoxicity
65. Tabatadze N., Tsomaia I. (Georgia):  
HPLC Analysis of di-O-caffeoylquinic Acids from the Roots of *Cephalaria gigantea*
66. Tetemadze N., Matchutadze I. (Georgia):  
Peculiarities of the Composition of Acids in Sphagnum Species of the Percolation Bog of the  
Kolkheti Lowland
67. Topuria D., Kvizhinadze N. (Georgia):  
Insurance Market in Georgia
68. Topchiyeva Sh., Aziz-zade N.A., Kerimova R.Z., Yıldız L.Z. (Azerbaijan):  
Enzymatic Activity of Aspartate Transaminase in the Blood of Goats Infested with Parasites
69. Tsagareishvili N., Qurdiani N., Mikaia G., Maisuradze A., Imnadze N. (Georgia):  
Development of Cosmetic Liposomal Gel
70. Tsiklauri L., Slovák L., Švík K. , Kemoklidze Z. , Bauerova K. (Georgia):  
Elucidation of Mechanism of Anti-arthritic Action of Saponin Rich Fraction PS -551
71. Tsertsvadze A., (Georgia):  
Nanoconstructed Biogenic Compounds of Ispani Sphagnum Peat Peloids
72. Tsomaia I., Tabatadze N., Chikovani A., Gigoshvili T. (Georgia):  
Iridoid Glycosides from *Cephalaria gigantea*
73. Tsurtsunia I., Makatsaria T., Datuashvili R. (Georgia):  
Development of Prophylactic and Treatment Cosmetics for Acne Blackheads
74. Vachnadze N., Vachnadze V., Suladze T., Mchedlidze K. (Georgia):  
Pharmacological and Biological Activity of Indole Alkaloids from *Vinca herbacea* Waldst it Kit.  
and of *Peganum harmala* L. Growing in Georgia
75. Zarnadze N., Dolidze K., Manjgaladze S., Bolkvadze C., Chitanava J. (Georgia):  
Induction of Callusogenesis and Study of the Potential of Bioactive Material Accumulation in in  
vitro Cultures of Groundsel (*Senecio Platyphiloides*)
76. Zazadze R., Bakuridze A. (Georgia):  
Determination of Formulation and Elaboration of Technology of the Active Pharmaceutical  
Ingredients of Dry Foam of Golden Standard for Eradication of *Helicobacter pylori*
77. Oniashvili.M., Sulaberidze G., Okujava M., Liliashvili K.  
Dietary Pattern among different aged pregnant women.

ავერსი  AVERSI

