

5th International Scientific Conference “Infertility 35+”
21-22 September, 2024, Tbilisi, Georgia

SCIENTIFIC PROGRAM

21 September, 2024 **BALLROOM I-II**

9:00 – 10:00 Registration

Session I 10:00 – 12:30

Chairman: Professor **Archil Khomasuridze**
Moderator: Professor **Nino Museridze**

Opening ceremony. Welcome addresses

10:00 – 10:10 **Professor Archil Khomasuridze**
President of Georgian Association of Reproductive Health
Professor Nino Museridze
Medical Director of Georgian-German Reproductology Center, Georgia

10:10–10:40 *The Future Trends of Human Reproduction*
Professor Joseph G. Schenker
Chairman(Emeritus), Department Obstetrics and Gynecology,
Hebrew University -Hadassah Medical Center, Israel

10:40–11:10 *Maintaining Reproductive Options: A Professional Imperative for Obstetrics and Gynecology*
Professor Frank A. Chervenak
Chair, Obstetrics & Gynecology Lenox Hill Hospital, Associate Dean for
International Medicine, USA

11:10–11:40 *The Fetal Factor in Recurrent Pregnancy Loss*
Professor Howard Carp
Obstetrics and Gynecology, Tel Aviv University, Sheba Medical Center, Israel

11:40–12:10 *Demographic Decline of Fertility 1900-2100*
Professor Seang Lin Tan
Origin Elle Fertility Clinic and Women's Health Centre, Canada

12:10 – 12:30 Discussion

12:30 – 13:00 Coffee Break

II Session 13:00 – 14:00

Chairman: Professor **Archil Khomasuridze**
Moderator: Professor **Nino Museridze**

13:00-13:20 **Regenerative Medicine for Fertility**

Professor **Nino Museridze**
Medical Director of Georgian-German Reproductology Center, Georgia

13:20-13:40 *Showing Potential Efficacy of Metabolic Compounds in Male Fertility*

Professor **Gian Maria Busetto**
Associate Professor of Urology, University of Foggia, Italy

13:40-14:00 *Premature Ovarian Insufficiency, Determined by X Chromosome Anomalies*

Professor **Jenaro Kristesashvili**
Department of Reproductology, Obstetrics and Gynecology,
Ivane Javakhishvili Tbilisi State University, Georgia

14:00-14:20 Discussion

14:20- 15:20 Lunch

Session III 15:20– 17:00

Chairman: Professor **Archil Khomasuridze**
Moderator: Professor **Nino Museridze**

15:20-15:40 *Prostate Cancer and Preservation of Male Sexual Function –
Micro-Ultrasound 29MgHz based Early Detection*

Professor **Guram Karazanashvili**
President of Georgian Association of Oncological Urology, Georgia

15:40 – 16:00 *Gestational Diabetes Mellitus -from Risk Factors to Prevention*

Professor **Ramaz Kurashvili**

Head, Department of Endocrinology, European University, Tbilisi

16:00-16:20 *Control of Hemostasis During Post-IVF Pregnancy*

Professor **Alexander Makatsaria**
Academician of the Russian Academy of Sciences
Head of the Department of Obstetrics, Gynecology and Perinatal medicine

16:20-16:40 *Endometrium – What?Where?When?*
Professor Madonna Jugeli
Gynecologist-Endocrinologist, Head of the Office Gynecology Department,
Caraps Medline, Georgia

16:40-17:00 *Artificial Intelligence in Assisted Reproduction*
Professor Ariel Hourvitz
Director of IVF Unit
Shamir Medical Center, Tel-Aviv University, Israel

17:00 – 17:30 Coffee break

Session IV 17:30 – 18:30

Chairman: Professor **Archil Khomasuridze**

Moderator: Professor **Nino Museridze**

17:30-17:50 *How to Manage a World Class IVF Center" and "Obtaining Accreditation in North America for IVF and Importation of Donor Gametes*
Dr. Grace Tan
Senior Administrator and compliance officer For Accreditation Canada and Health Canada Inspections, OriginElle Clinics, Canada

17:50-18:10 *HPV Vaccination in Males: Has the Time Come?*
Professor Archil Chkhotua
Scientific Director, L. Managadze National Center of Urology
Secretary General, Georgian Urological Association, Georgia

18:10-18:30 *Adenomyosis – Problem in the Structure of Late Reproductive Age Infertility*
Professor Maka Gegechkori
Zurab Sabakhtarashvili Reproductive Clinic, Head of Science Department, Georgia

18:30- 19:00 Discussion
Book presentation

22 September,
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BALLROOM (I)

9:00 – 10:00 Registration

Session I 10:00 – 12:00

Chairman: Professor **Archil Khomasuridze**

Moderator: Professor **Nino Museridze**

Welcome addresses

10:00-10:05

Professor Archil Khomasuridze
President of Georgian Association of Reproductive Health, Georgia
Professor Nino Museridze
Medical Director, Georgian-German Reproductology Center, Georgia

10:05-10:30

*Menopause Hormone Therapy as Primary Prevention of Diseases of Aging.
DHEA and Testosterone Therapies to Correct Women's Hypo-Androgenism*

Professor Andrea Genazzani
President of International Academy of Human Reproduction, Italy

10:30-10:55

Prostate Surgery and Ejaculation Spring Techniques

Prof. Gian Maria Busetto
Associate Professor of Urology, University of Foggia, Italy

10:55-11:20

Artificial Intelligence in Reproductive Medicine

Professor Vyacheslav Lokshin
Academician of the National Academy of Sciences, Republic of
Kazakhstan, President of the Kazakh Association of the Reproductive Medicine, Kazakhstan

11:20 - 11:45

Preparation after Unsuccessful Programs

Sholpan Karibayeva
Candidate of Medical Sciences
Director of Strategic Development, International Clinical Center for
Reproductology PERSONA, Kazakhstan

11:45 – 12:00

Discussion

12:00 - 12:30

Coffee Break

Session II 12:30 – 14:30

Chairman: Professor **Archil Khomasuridze**

Moderator: Professor **Nino Museridze**

BALLROOM (I)

*Glycemic Control and Complication Rates in Pregnancy and Thirteen Years Post-Partum in Women
With Microalbuminuria (Type 1 Diabetes, T1DM)*

12:30 – 12:50

Professor Natalia Asatiani
Head, Dept. of Instrumental Diagnostics, National Center for Diabetes Research, Georgia

12:50–13:10 *Do Human Embryos Have the Ability of Self-Correction?*

Adva Aizer

Head of the IVF Laboratory Department of Obstetrics and Gynecology,
The Sheba Medical Center, Israel

13:10– 13:30

Repeated Implantation Failure: how to Prepare a Patient for the Next Protocol

Nato Shamugia

Associate Professor, Department of Obstetrics and Gynecology of RMANPO, Georgia

13:30– 13:50

Hormonal Contraception and Menopausal Hormone Therapy in the Condition of Haemostasis Disorders

Professor **Alexander Makatsaria**

Academician of the Russian Academy of Sciences

Head of the Department of Obstetrics, Gynecology and Perinatal Medicine, Russia

13:50 – 14:10

Aspirin For Prevention of Preeclampsia: For Whom, When and How Much?

Mamuka Nemsadze

Vice President of the Association of Obstetricians, Gynecologists and Perinatologists of Georgia

14:10 – 14:30

PGTA Premium: Integrating Polyploidy Analysis, Quality Control and Carrier Screening for Optimal Reproductive Outcomes

Dr. Berthe Youness

Market Development Manager (EMEA), Reproductive Health Clinical Next-

Generation Sequencing Division |Genetic Sciences Group Reproduction genetics of Heidelberg University, Germany

14:30 – 16:30

Lunch

Session III 16:30 – 18:30

Chairman: Professor **Archil Khomasuridze**

Moderator: Professor **Nino Museridze**

BALLROOM (I)

Challenges in implementing an advanced minimally invasive surgery set up

16:30 -16:50

Rene Laky

Deputy Head Gynecology Division, Medical University of Graz, Austria

16:50 – 17:10

Ultra Rapid Vitrification and Warming Protocol Confirming with Metabolic Fingerprinting Results

Birol Aydin

Head of Embryology Laboratory, Turkey (online)

17:10–17:30

Oncofertility in BRCA1/2 Mutation Carrier Cancer Patients

Elene Mariamidze

Todua Clinic, Onco-Hematology Department, Georgia

17:30-17:50 *Personalized Controlled Ovarian Stimulation*
Ana Aivazova
Georgian-German Reproductology Center, Georgia

17:50-18:10 *Innovations in Oocyte Preservation Techniques*
Nia Nizharadze
Georgian-German Reproductology Center, Georgia

18:10-18:30 *Congenital Ovarian Cysts and their Prenatal Diagnosis*
Nikoloz Sarauli
Georgian-German Reproductology Center, Georgia

18:30-19:00 Discussion

9:30 – 10:00 Registration

I Session 10:00 – 12:00

Chairman: Professor **Tengiz Asatiani**
Moderator: Professor **Nato Shamugia**

10:00-10:05 *Sustainable Development Goals in Georgia for Gynecology and Reproductive Medicine: Progress and Challenges*

Professor **Tengiz Asatiani**
Chairman Association of Obstetricians and Gynecologists of Georgia, Georgia

10:05-10:30 *The Menopausal Transition: Hormonal Changes, Clinical Symptoms, Diagnosis, and Current Management Approaches*

George Tevdorashvili
Associate Professor, Department of Obstetrics and Gynecology, First University Clinic of Tbilisi State Medical University, Georgia

10:30-10:55 *Recurrent Implantation Failure- Reality or Fata Morgana?*

Professor **Ido Ben Ami**
Head, IVF Unit, Shaare Zedak Medical Center, Israel

10:55 -11:20 *Endometriosis and Infertility. Evidence-Based Management.*

Professor **Gamal I. Serour**
Prof. of OB/GYN and Director International Islamic Center For Population Studies and Research, Al Azhar University.
Clinical Director, The Egyptian IVF&ET Center, Maadi, Egypt
FIGO Past President

11:20 -11:45 *Failed IVF Protocol*

Tamara Nadirashvili
Georgian-German Reproductology Center, Georgia

11:45 – 12:00 Discussion

12 : 00 - 12:30 Coffee Break

Session II 12:30 – 14:30

BALLROOM (II) Chairman: Professor **Tengiz Asatiani**
Moderator: Professor **Nato Shamugia**

12:30-12:50 *Glycemic Control and Complication Rates in Pregnancy and Thirteen Years Postpartum in Women with Microalbuminuria (Type I Diabetes T1DM)*

Nia Metonidze
Georgian-German Reproductology Center, Georgia

12:50-13:10	<i>Periconception and Conception Genetic Testing – Problem Identification or Dilemma?</i> Maka Chipashvili Clinical Geneticist, Associate Professor, Tbilisi State University, Georgia
13:10 – 13:30	<i>IN VITRO Patients Pregnancy Management, Thrombophilia, Preeclampsia</i> Tea Kolbaia, Georgian-German Reproductology Center, Georgia
13:30- 13:50	<i>IVM Opportunities, Realities and Perspectives in ART</i> Maka Osepaishvili Clinic of Reproduction and Genetics “Next Generation” (online)
13:50 –14:10	<i>Multiple Failed Embryo Transfer and PRP Therapy</i> Oliko Murghulia Georgian-German Reproductology Center, Georgia
14:10- 14:30	<i>Artificial Intelligence for Sperm Selection</i> Alexander Khelaia, National Urology Centre, GGRC, Association of Urologists of Georgia
14:30 – 16:30	Lunch
Session III 16:30 – 18:30	
BALLROOM (II)	Chairman: Professor Tengiz Asatiani Moderator: Professor Nato Shamugia
16:30- 16:50	<i>From InVitro to In Silico Concept in IVF Outcome Prediction with Neural Network.</i> Sergey Sergeyev Head, Embryolab – Georgian-German Reproduction Center, Georgia
16:50 -17:10	<i>A Comprehensive KPI Assessment System in an IVF Laboratory</i> Tamar Dvali Georgian-German Reproductology Center, Georgia
17:10 – 17:30	<i>Hemorheological Changes During Physiological Pregnancy</i> Professor Maka Mantskava Head of Rheology and Diagnostic Analytical Services Laboratory Ivane Beritashvili Experimental Center of Biomedicine, Georgia

Dydrogesterone and Late Reproductive Age

17:30 – 17:50 Professor **Tamar Magularia**
Georgian-German Reproductology Center, Georgia

17:50 – 18:10 *IVF and Breast Cancer Risks*
Nino Chikobava
Georgian-German Reproductology Center, Georgia

18:10 – 18:30 *Congenital Ovarian Cysts and their Prenatal Diagnosis*
Tamta Motsonelidze
Georgian-German Reproductology Center, Georgia

18:30 – 19:00 Discussion