



Welcome to Riyadh

International SSMG Conference 2025

ACA-20250001187 CME - 12

Target audience

All medical fields

To register



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26 -27 APRIL 2025



King Saud University College Of Dentistry

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Vice President of the Association



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DR. Zainab Al Masseri

Member



DR. Mlak Alghamdi

Member



Abstract Submission Open

Dear Esteemed Colleague,

We are pleased to invite you to submit abstracts for SSMG Annual Conference 2025, which will be held on **April 26th–27th, 2025**, at the **College of Dentistry, King Saud University, Riyadh, Saudi Arabia**.

The submission deadline is **16 April 2025**.

Abstracts should be submitted via our online submission portal. All submitted abstracts will undergo a rigorous peer-review process, and selected abstracts will be presented during the conference either as oral presentations or posters. Notifications of acceptance will be sent by email: INFO@SSMG.ORG.SA

THE PRIZE FOR WINNER OF THE SCIENTIFIC POSTER COMPETITION



ﷲ 1500



ﷲ 1000



ﷲ 500

We look forward to your valuable contribution and hope you will join us for a stimulating and rewarding conference experience.



ABSTRACT SUBMISSION

Abstracts are to be submitted via email
info@ssmg.org.sa

* Abstracts must be in English, in Word Doc format, and should not exceed 500 words.

The presenting author should obtain the necessary regulatory permissions and take responsibility for the accuracy of the results.

* An email confirming the receipt of the abstract, including an abstract number, will be sent to the submitting author. This number should be quoted for all further correspondence.

* Abstracts will be reviewed by the committee and selected for oral/poster presentation on the basis of merit.

* The acceptance and mode of presentation will be communicated to the authors via email within 2-7 working days from the date of submission.

* Please note that no more than two submissions will be allowed per presenter due to possible program limitations. Please read the submission requirements carefully, as submissions will not be changed later. Where possible, abstracts will be published as received, and the organizers reserve the right to make changes for editing purposes. It is the responsibility of the main author to minimize errors in the program.

- The text may be typed in or copy/pasted from an existing document.
- The abstract body should be structured as :
follows **Background – Material and Methods – Results – Conclusion**

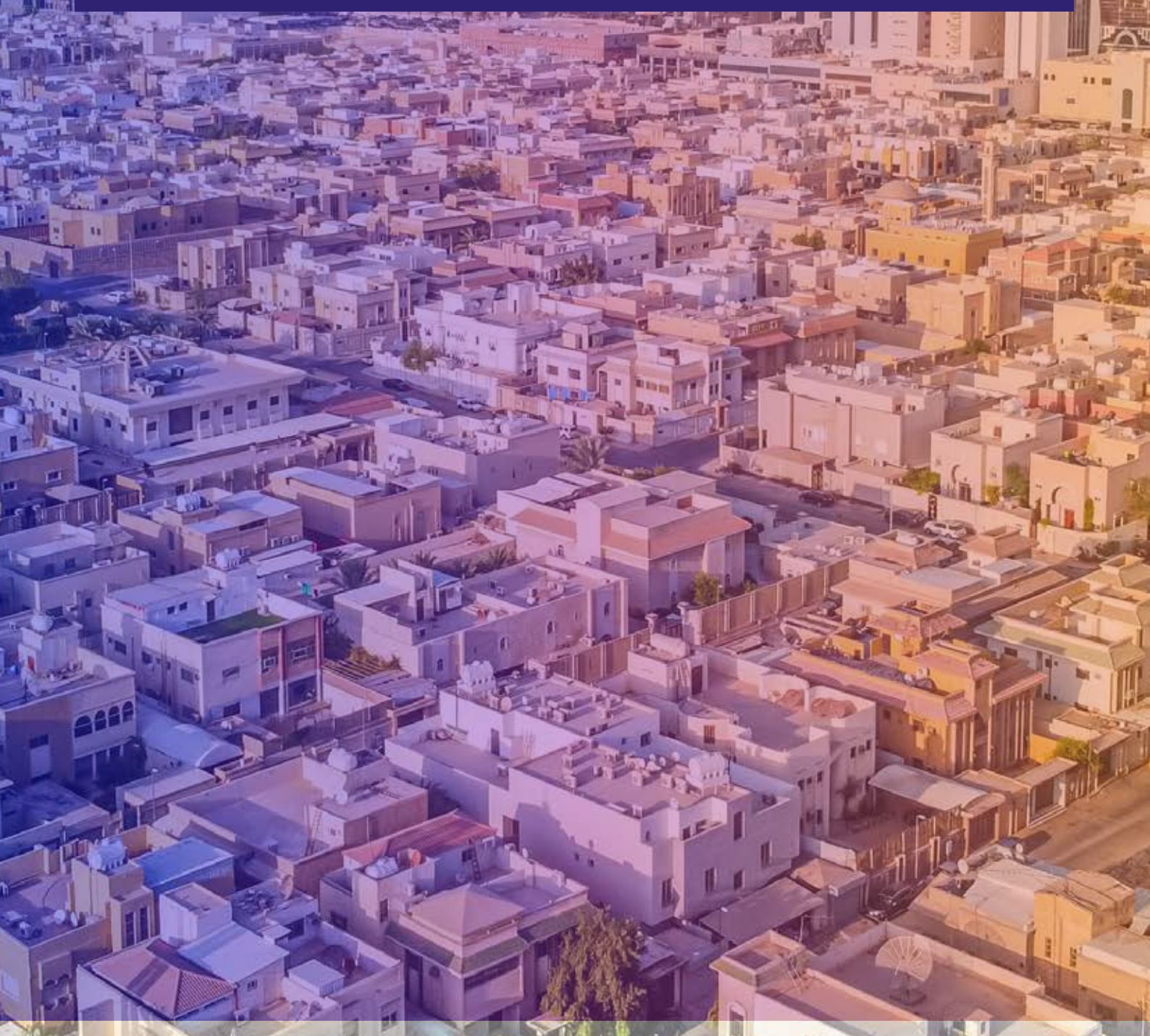
Scientific Program: Annual Genetics Symposium

Theme: Advancing Genetics

Day 1: Saturday, April 2025 ,26

Time		Speakers
08:30 – 9:00	Registration	
9:00 – 09:15	Opening Ceremony	Dr.Talal Al-Enazi
9:15 – 09:30	Awards & Recognition	Ms.Alya Qari
	Precision Medicine	
	Moderation: Dr.Talal AlAnazi/ Prof.Khaled Al Harbi	
09:30 – 09:55	Keynote Lecture : Adult Genomic Medicine: Opportunities for Precision Medicine	Prof.Fowzan Al-Kuraya
09:55 – 10:20	Population Genetics and Its Role in Precision Medicine	Dr.Maryam Al-Essa
10:20 – 10:50	Integrating Genetic Counseling in the Era of Precision Medicine	Dr.Marianne Dubard
10:50-11:00	Discussion & questions	
11:00 – 11:15	Coffee break	
	Genomic Medicine in the Middle East	
	Moderator: Prof.Majid Alfadhel/ Dr.Maha Faden	
11:15-11:40	Establishing Genomic Medicine Programs in the Region	Dr.Ahmed Al-Fares
11:40– 12:05	Molecular Diagnosis in the Coming Decade: Expectations and Need	Prof.Zuhair Al-Hassnan
12:05 – 12:25	Cytogenetic Technology New Approaches in the Middle East	Dr.Ines ben Abdallah
12:25- 12:45	GenaLive Talk	TBA
12:45 – 12:50	Discussion & questions	
12:50 – 13:30	Prayer and lunch / Poster Session	
	Genetic Diseases : New Approaches	
	Moderator: Dr. Fuad Al Mutairi / Dr.Mohammed Tohary	
13:30 – 13:55	AI Tools for Rare Disease Diagnosis & Treatment: Opportunities and Challenges	Prof. Amr Jamal
13:55-14:20	Recent Advances in Practice Gaucher Disease at a Glance From Diagnosis	Dr. Rana Felemban
14:20-14:45	Emerging Therapies in PKU Management	Prof. Sarar Mohammed
14:45-15:10	Preimplantation Genetic Testing for Monogenic Disorders: Challenging Cases and Appropriate Approach	Prof.Majid Alfadhel
15:10-15:20	Discussion & Questions	
15:20-15:30	Prayer and Coffee Break	
	Cancer Genetics	
	Moderator: Dr Hajer Al-aqeel / Dr.Hamzah Naji	
15:30-15:55	Precision Oncology: Role of Genetic Profiling in Treatment	Dr.Mohammed Al-Qarni

15:55-16:20	Genetics and Cancer: Understanding Hereditary Syndromes, Genetic Counseling, and Cancer Risk	Dr.Samar Ekram
16:20-16:30	Discussion & questions Ethical Implications	
16:30– 17:30	Moderator: Prof.Zuhair Rahbeeni / Dr.Mohammed Alhamed Panel Discussion: Ethical Implications of Genetic Research in Saudi Arabia Discussion & questions	Dr. Jamal Jarallah Dr.Mohammad Al-Samman Dr.Abdallah A. Adlan
17:30	Closing Remarks	



Day 2: Sunday, April 2025 ,27

Time		Speakers
08:30-09:00	Registration	
Diagnostic Modalities in Genomic		
Moderator : Dr.Hadeel AlRukban/ Dr. Lamees Al Habib		
09:00-09:25	The Diagnostic Odyssey Cases Solved by Optimized WES	Dr. Kristy Wells
09:25- 09:50	Liquid Biopsy: A Revolutionary Tool in Genomics	Dr.Abdullah N Alsuwaidan
09:50 - 10:15	Next Generation Sequencing in Newborn Screening, Pros & Cons	Dr.Ahmad Odaib
10:15- 10:40	Population-Specific Genetic Variants in Saudi Arabia	Dr.Lama AlAbdi
10:40 – 10:50	Discussion & questions	
10:50 – 11:00		
Panel Discussion		
Moderator: Dr.Aziza Mushiba		
11:00 – 12:30	Panel Discussion: Bridging the Gap Between Research and Clinical Implementation in Genetics	Dr.Ahmed AlFaris Dr.Naif Almontashiri Dr.Bruno Reversade Prof.Amal al-Hashem
12:30--13:30	Prayer and lunch	
Feto-maternal Genetics		
Moderator : Prof.Mohammed Al-Owain/ Prof.Ali AlAsmari		
13:30— 13:55	Advances in Non-Invasive Prenatal Testing (NIPT)	Prof .Malak ALGhamdi
13:55-14:20	Clinical Experience of Non-invasive Prenatal Test in South China	Dr. Fu Fang
14:20-14:45	The Vital Role of Prenatal Genetic Counselor	Ms.Yara Al-Qahtani
Pharmacogenomics		
14:45-15:10	Pharmacogenomic Testing at KFSH&RC: From Bench to Bedside	Dr.Dana Bakheet
15:10-15:20	Discussion & questions	
15:20-15:30	Coffee break and prayer	
Frontiers in Genetic Medicine: Innovations in Therapy, Biomarkers, and Metabolic Disorders		
Moderator: Dr. Norah AlSaleh / Dr. Abdullah Al Falah		
15:30-15:55	Emerging Therapies for Inherited Metabolic Disorders	Prof.Moeen Al-Sayed
15:55-16:20	Discovering the Mechanism of Disease in Neurogenetic Disorder Through CRISPR Gene Editing	Dr.Fatimh AlMousawi
16:20- 16:45	Arginase Deficiency: Emerging Novel Enzyme Therapies	Prof. Sarar Mohammed
16:45-17:05	Treatable Congenital Disorder of Glycosylation (CDGs)	Dr. Stephanie Grunwald
17:05 – 17:25	Advances in LSD Therapies: ERT, SRT, and Chaperones	Dr. Michal Inbar Feigenberg
17:25- 17:35	Discussion & questions	
17:35-17:45	Winner Abstract oral presentations #1	
17:45-17:55	Winner Abstract oral presentations #2	
18:55-18:05	Winner Abstract oral presentations #3	
18:05-18:15	Closing Remarks & Rewards	