

# 20<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS

*Towards Prevention of Cardiometabolic Diseases through Precision Medicine*

## POSTER PRESENTATION - PROGRAM

**4 December 2024 - Time: 11:00 - 11:30**

Screen No.	Time	Title	Name
1	11:00 - 11:07	Accuracy of Troponin Value In Elderly With Acute Coronary Syndrome	<b>Aaisha Al Balushi</b>
1	11:07 - 11:14	Metformin Associated With Androgen Deprivation Therapy In Prostate Cancer Patients	<b>Abdelrahman Abdelshafi</b>
1	11:14 - 11:21	Arterial Stiffness And Associated CVD Risks In Schoolchildren And Adolescents	<b>Abdulaziz Al Farhan</b>
1	11:21 - 11:28	Semaglutide In Obese Patients: An Updated Meta-Analysis of 11930 Patients	<b>Abdulrahman Khaity</b>
2	11:00 - 11:07	Trends In Stroke Prevalence Among Usa Population: American Analysis Report	<b>Agyad Bakkour</b>
2	11:07 - 11:14	Assessing Metabolic Dysfunction Related Diseases	<b>Adnan Agha</b>
2	11:14 - 11:21	Relation LV Global Longitudinal Strain And Arterial Stiffness In CKD	<b>Ahmed Elgohari</b>
2	11:21 - 11:28	Hba1c Association Severity of Cad In Non Diabetic Acs Patients	<b>Ahmed Elgohari</b>
3	11:00 - 11:07	Triglyceride And Glucose Index In Non-Alcoholic Fatty Liver Disease	<b>Sepideh Salehabadi</b>
3	11:07 - 11:14	Comparative Analysis of Triple Therapy Versus. Dual Therapies In Hypertension	<b>Ahmed Hassan</b>
3	11:14 - 11:21	Attainment of Non-Hdl Cholesterol Targets In Secondary And Primary Care	<b>Aksaan Arif</b>
3	11:21 - 11:28	Social Well-Being And Weight Status: A Multi-Level Analysis	<b>Mahdieh Niknam</b>
4	11:00 - 11:07	Underutilization of High-Intensity Statins In Secondary Prevention:insights From Indian Study	<b>Sarita Bajpai</b>
4	11:07 - 11:14	Expert Insights on Dyslipidemia Management And Its Challenges In India	<b>Sarita Bajpai</b>
4	11:14 - 11:21	Blood Transcriptome And Lipoprotein Content In Circulating Immune Complexes	<b>Alexander Orekhov</b>
4	11:21 - 11:28	Oxidized Low-Density Lipoprotein Does Not Play Key Role In Atherogenesis	<b>Alexander Orekhov</b>
5	11:00 - 11:07	Association Between Clinical And Sonographic Patterns of Stenosed Atherosclerotic Arteries	<b>Alfred Omo</b>
5	11:07 - 11:14	Unveiling The Role of Microbiota-Derived Bile Acids In Premature CAD	<b>Amani Al Khaifi</b>
5	11:14 - 11:21	Arterial Hypertension Risk Factors 10 Year Analysis In Lithuanian Women	<b>Vaida Sileikiene</b>
5	11:21 - 11:28	Benefits And Relevance of Screening For Pulmonary Arterial Hypertension (PAH)	<b>Amar Tebaiba</b>
6	11:00 - 11:07	Review of Outcomes of Carotid Ultrasound Monitoring of Atherosclerosis Progression	<b>Wiaam Al Hasani</b>
6	11:07 - 11:14	Factors Contributing to Door-to-Balloon Time in STEMI Patients Management	<b>Amina Al Balushi</b>

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Screen No.	Time	Title	Name
6	11:14 - 11:21	Prevalence and Risk Factors of Diabetic Retinopathy in USA	<b>Amine Rakab</b>
6	11:21 - 11:28	Semaglutide and Heart Failure in Diabetic Patients: A Meta-Analysis	<b>Zina Otmani</b>
7	11:00 - 11:07	Identification of Effective Therapeutic miRNAs in Atherosclerosis and Delivery using Cell-Penetrating Peptides	<b>Amirhossein Sahebkar</b>
7	11:07 - 11:14	Curcumin Affects Atherosclerosis Through Regulation of The Immune System Genes	<b>Amirhossein Sahebkar</b>
7	11:14 - 11:21	Statins Alter The Expression Of Genes Downstream of ZKSCAN1/STAT3	<b>Amirhossein Sahebkar</b>
7	11:21 - 11:28	Discovering Critical LncRNAs in Atherosclerotic Plaques: in Silico Study	<b>Amirhossein Sahebkar</b>
8	11:00 - 11:07	Hypertension prevalence and potential Roots in United States Adults; BRFSS (1988–2021)	<b>Wael Hafez</b>
8	11:07 - 11:14	Exploring the Relationship between Vitamin D and Cardiovascular Health	<b>Wael Hafez</b>
8	11:14 - 11:21	Plasminogen Activator Inhibitor 1 (PAI-1) Levels Following Bariatric Surgery: Meta-Analysis	<b>Tannaz Jamialahmadi</b>
8	11:21 - 11:28	Gastric Bypass And Gastroplasty Impact Immune And Interleukin Signaling Genes	<b>Tannaz Jamialahmadi</b>

## 4 December 2024 - Time: 13:30 - 14:30

1	13:30 - 13:37	Impact of Calebin-A on Key Diabetes-Associated Genes	<b>Amirhossein Sahebkar</b>
1	13:37 - 13:44	Identifying And Investigating The Effect of Micrnas on the Expression of Genes Involved In Atherosclerosis And Optimizing The Delivery to Cells Using Cell-Penetrating Peptides	<b>Amirhossein Sahebkar</b>
1	13:44 - 13:51	The Role of HDL During Reverse Remnant-Cholesterol Transport in FH	<b>Amirhossein Sahebkar</b>
1	13:51 - 13:58	Identification of Deregulated MicroRNAs and their Targets in Familial Hypercholesterolemia	<b>Amirhossein Sahebkar</b>
1	13:58 - 14:05	Diabetes Prevalence and Risk Factors in US Adults (BRFSS, 1988–2022)	<b>Wael Hafez</b>
1	14:05 - 14:12	The RAGE Gene Polymorphism (rs1800625) and Type 1 Diabetes Mellitus	<b>Wael Hafez</b>
1	14:12 - 14:19	Awareness Toward Medication Disposal And Its Impact on Public Health	<b>Wael Hafez</b>
1	14:19 - 14:26	Dynamic Coronary Roadmap vs. Traditional PCI: Reducing Contrast Volume Meta-Analysis	<b>Amjad Almansi</b>
2	13:30 - 13:37	Treatment of Obesity in GP's Office using GLP-1 Agonist Liraglutide	<b>Andrea Laštovková</b>
2	13:37 - 13:44	Latent TB prevalence among diabetics: A systematic Review and Meta-Analysis	<b>Arohi Sandeepkumar Chauhan</b>
2	13:44 - 13:51	Aspirin vs. P2Y12 inhibitors for Atherosclerotic Cardiovascular Disease: A Meta-Analysis	<b>Youssef Soliman</b>

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Screen No.	Time	Title	Name
2	13:51 - 13:58	Effect of Endotrophin on Endothelial Lipid Metabolism	<b>Astha Sachan</b>
2	13:58 - 14:05	Strategies For The Management of Familial Hypercholesterolemia	<b>Aymen Ali</b>
2	14:05 - 14:12	Effectiveness of Icosapent Ethyl In Middle Eastern Patients With Dyslipidemia	<b>Bachar Alfandi</b>
2	14:12 - 14:19	The Role of Lipoprotein(a) in CVD in Patients with FH	<b>Balaqis Al Shibani</b>
2	14:19 - 14:26	Cardiovascular Outcomes in Severe and Non-Severe FH in Simon-Broome Register	<b>Barbaralyen</b>
3	13:30 - 13:37	Small Nerve Fiber Damage and Cardiac Autonomic Dysfunction in FCS	<b>Bilal Bashir</b>
3	13:37 - 13:44	Ethnic Diversity and Distinctive Features of FCS vs MCS	<b>Bilal Bashir</b>
3	13:44 - 13:51	Efficacy of Saffron/Crocin for type 2 Diabetes and/or Metabolic Syndrome	<b>Mohamed Ibrahim Gbreel</b>
3	13:51 - 13:58	Ezetimibe In The Management of Homozygous Familial Hypercholesterolaemia	<b>Brett Mansfield</b>
3	13:58 - 14:05	Screening Type III Hyperlipidemia Using Non-HDL-C, direct LDL-C and ApolipoproteinB-48/TG	<b>DaisakuMasuda</b>
3	14:05 - 14:12	Important Role for The Asiayloglycoprotein Receptor-1 (ASGR1) in Atherosclerosis	<b>Demeke Geremew</b>
3	14:12 - 14:19	Coordination of HbA1c and LVDD in T2DM with IHD	<b>Dilafuz Akhmedova</b>
3	14:19 - 14:26	Peripheral Vascular Disease among Diabetic Patients Having Peripheral Neuropathy	<b>Dina Salem</b>
4	13:30 - 13:37	Biomarkers In Patients With Acute Coronary Syndrome And Vulnerable Plaques	<b>Dmitry Duplyakov</b>
4	13:37 - 13:44	First Reported APOA5 Variant In Lebanon Causing Hyperchylomicronemia Syndrome	<b>Youmna Ghaleb</b>
4	13:44 - 13:51	Triglycerides' Impact on Non-HDL-C Levels in High Cardiovascular Risk	<b>Duaa Al Nahari</b>
4	13:51 - 13:58	LDL Effect on Outcome Of ACS Post Percutaneous Coronary Intervention	<b>Emaad Al Shibli</b>
4	13:58 - 14:05	IGFBPs in Obstructive Sleep Apnea, an Animal Model Study	<b>Eman Alshawaf</b>
4	14:05 - 14:12	Lysosomal Oxidation of LDL Increases pH of Lysosomes in Macrophages	<b>Emily Parkes</b>
4	14:12 - 14:19	Predictors of ACS (unstable plaque) in ASCVD T2DM Indonesia Patients	<b>Fadlina Chany Saputri</b>
5	13:30 - 13:37	Rate of Obstructive Sleep Apnea Screening in Resistant Hypertension Patients	<b>Fatema Al Ajmi</b>
5	13:37 - 13:44	Accuracy of Monitoring Liver Function Tests In Patients Receiving Statin	<b>Fatema Al Farsi</b>
4	14:19 - 14:26	The Clinical Contribution of Cellular FXIII-A to Thrombus Satbility	<b>Fahad Al Shehri</b>

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Screen No.	Time	Title	Name
5	13:44 - 13:51	TNF- /Stearate Induced H3K9/18 Histone Acetylation Amplifies IL-6 Expression in Adipocytes	<b>Fatemah Bahman</b>
5	13:51 - 13:58	Hypertriglyceridemia Induced Pancreatitis and Role of Plasma Exchange	<b>Fatima Al Kindi</b>
5	13:58 - 14:05	Noninvasive Assessment of MASLD in Obese and Pre-diabetic Patients UAE	<b>Fayha Ahmed</b>
5	14:05 - 14:12	Dietary Patterns Determine Severity of Premature Coronary Artery Disease	<b>Ghazal Ghasempour Dabaghi</b>
5	14:12 - 14:19	Cardiovascular Complications in Patients with Systemic Lupus Erythematosus	<b>Hajar Al Majarfi</b>
5	14:19 - 14:26	Short-Term Metabolic Outcomes after Laparoscopic Sleeve Gastrectomy: A Cohort Study	<b>Hana Al Sumri</b>
6	13:30 - 13:37	Relationship between Visceral Obesity (CT), and Arterial Stiffness (PWV)	<b>HayetteBacha</b>
6	13:37 - 13:44	Tadalafil Surpasses Sildenafil in Cardioprotection Against Isoprenaline Induced Cardiac Hypertrophy	<b>Hezlin Marzook</b>
6	13:44 - 13:51	Role of SOD2 and Catalase in Non-Alcoholic Fatty Liver Disease.	<b>Hina Parveen</b>
6	13:51 - 13:58	Study of CxCR4 Gene Polymorphism In Obstructive Coronary Artery Disease	<b>Huda Naaz</b>
6	13:58 - 14:05	Improved Cardio Protection in Cardiovascular Disease by Myeloid-PCSK9 Deficiency Beyond LDL-c	<b>Huiju Jo</b>
6	14:05 - 14:12	Plasma Levels of B Vitamins Linked to Metabolic Syndrome Risk	<b>Ivan Voitsekhovskiy</b>
6	14:12 - 14:19	RUNX3 Negatively Regulates Agonists Induced Cardiac Fibroblasts Differentiation	<b>Jaetaek Kim</b>
6	14:19 - 14:26	Handheld Echocardiography: Supporting Rheumatic Heart Disease Control on Remote Areas	<b>Rofida Asmally</b>
7	13:30 - 13:37	Role of IL-6 in the Development of Hypertension	<b>Jamol Uzokov</b>
7	13:37 - 13:44	Influence of Low Glycemic Index Diet on Lipids in CAD	<b>Jamol Uzokov</b>
7	13:44 - 13:51	Relative Atherogenicity of apoB-Containing Lipoproteins	<b>Jan Boren</b>
7	13:51 - 13:58	An Analysis of HRQOL of South-Indian T2 Diabetes Patients.	<b>Jansirani Natarajan</b>
7	13:58 - 14:05	Do Bioactive Lipids Impact HDL Vasoprotective Function in Hypertriglyceridemia?	<b>John Chapman</b>
7	14:05 - 14:12	Magnesium and Type-2-Diabetes-Mellitus Control: Results from Phase-one of a Double-Blind-Randomized-Control-Trial	<b>Juhaina Al Maqbali</b>
7	14:12 - 14:19	Prediction and Validation of MAFLD using Insulin Resistance-Related Indices	<b>Kengo Moriyama</b>
7	14:19 - 14:26	Risk Factors for Intracerebral Hemorrhage by Bleeding Site	<b>Kenichi Ariyada</b>
8	13:30 - 13:37	Prenatal Cholestyramine Treatment Prevent Atherosclerosis Development in ApoE-/- Mice Offspring	<b>Khadija Ouguerram</b>

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Screen No.	Time:	Title	Name
8	13:37 - 13:44	Clinical and Genetic Characteristics of Late-Onset LAL Deficiency in Oman	<b>Koukab Al Farsi</b>
8	13:44 - 13:51	Correlating Lpa Levels with Lipid Parameters in Dyslipidemia-Trivandrum (India) Experience	<b>Krishnakumar B</b>
8	14:19 - 14:26	Alirocumab/Evolocumab Effect on Lipid Levels for ACS patients Undergoing PCI	<b>Khalid Sarhan</b>
8	13:58 - 14:05	No Increased All-Cause Mortality in Genetically Verified Familial Hypercholesterolemia	<b>Kjetil Retterstøl</b>
8	14:05 - 14:12	Comparative Analysis of Cardiovascular Risk Factors in Men Resistant/Non-Resistant Hypertension	<b>Vaida Sileikiene</b>
8	14:12 - 14:19	Differences In Arterial Stiffness Between Brachial Artery and Aorta	<b>Tomohiro Ueda</b>
8	14:19 - 14:26		

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**5 December 2024 - Time: 10:30 - 11:30**

Screen No.	Time	Title	Name
1	10:30 - 10:37	Prevalence of Metabolic Syndrome & Associated Complications Among Rural Indian Population	<b>L V Simhachalam Kutikuppala</b>
1	10:37 - 10:44	Experience of Stroke over Two Decades at Tertiary Hospital Oman	<b>Najat Al Himali</b>
1	10:44 - 10:51	Evinacumab Treatment of Cardiovascular High-Risk Patients in a real-world setting	<b>Laura Volpi</b>
1	10:51 - 10:58	Familial Hypercholesterolemia Among Pediatric Population in Pakistan: A Cross-Sectional Study	<b>Madeeha Khan</b>
2	10:30 - 10:37	Cardiovascular Risk Factors In Patients with a Severe Mental Illness	<b>Madeleine Elisabeth Angelsen</b>
2	10:37 - 10:44	YAP1 and LEPR genes Association with Cardiovascular Disease in PCOS	<b>Maha Al Khaduri</b>
2	10:44 - 10:51	Optimal Glycemic Control Enhances Coronary Artery Bypass Graft Surgery outcomes	<b>Maha Al Riyami</b>
2	10:51 - 10:58	Differential Gene Expression In Human Adipose Tissue Post-Bariatric Surgery	<b>Tannaz Jamialahmadi</b>
3	10:30 - 10:37	Blood Pressure, Quality of Life , And Emotional States	<b>Mahdieh Niknam</b>
3	10:37 - 10:44	Quality of Life in Adults with Metabolic Syndrome: Multi-level Analysis	<b>Mahdieh Niknam</b>
3	10:44 - 10:51	Longitudinal Changes in aPWV in Patients with COPD and Controls	<b>Mahfoudha Al Shezawi</b>
3	10:51 - 10:58	Oleacein Prevents the VSMC's transition into a Pro-Atherosclerotic State.	<b>Malgorzata Zaremba</b>
4	10:30 - 10:37	Lipoprotein (A) And Prognosis In Stable Coronary Heart Disease Patients	<b>Marat Ezhov</b>
4	10:37 - 10:44	The Role of ER Stress In Macrophage Lipid Metabolism	<b>Mariam Bagheri Ekta</b>
4	10:44 - 10:51	Metabolomic Analysis of Kazakh Patients With Metabolic Syndrome by GC/MS	<b>Maxat Toishimanov</b>
4	10:51 - 10:58	Triglyceride-Gucose Index is Associated with Severity of Premature CAD	<b>Mehrdad Rabiee Rad</b>
5	10:30 - 10:37	Incidence of Cardiovascular Events Among Breast Cancer Patients After Chemotherapy	<b>Mehrdad Rabiee Rad</b>
5	10:37 - 10:44	Laparoscopic Sleeve Gastrectomy: Retrospective Study Of 101 Patients	<b>Midhat Abu sneineh</b>
5	10:44 - 10:51	"Lipid Paradox" In Japanese Hypertriglyceridemia Patients Undergoing PCI in CLIDAS	<b>Mitsukuni Kimura</b>
5	10:51 - 10:58	Immune Checkpoint Inhibitors and Atheroma Progression:A Systematic Review and Meta-analysis	<b>Mohamed Ellebedy</b>
6	10:30 - 10:37	Thyroxine and Heart Transplantation: A Meta-analysis of 65908 Patientsp	<b>Mohamed Hamouda Elkasaby</b>

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Screen No.	Time	Title	Name
6	10:37 - 10:44	ASA vs. Clopidogrel vs. Anticoagulants Following Mitral Valve Repair: Network-Meta-Analysis	Mohamed Ibrahim Gbreel
6	10:44 - 10:51	Cerebral-Embolic Protection Devices and TAVI. Could Neurological Complications be Avoided?	Mohamed Ibrahim Gbreel
6	10:51 - 10:58	Association between SLE Activity Index and Left Ventricular longitudinal strain	Ahmed Elgohari
7	10:30 - 10:37	Lambl's Excrescence as an Etiology of Thromboembolism	Mohammad Alajjuri
7	10:37 - 10:44	Effects of hydroxytyrosol on oxidative stress biomarkers and HDL functionality	Mojgan Morvaridzadeh
7	10:44 - 10:51	Global Trends in Cardiovascular Mortalities Associated with Metabolic Risk Factors	Muhammad Ishaq
7	10:51 - 10:58	Using Glucagon Like Peptide-1 Receptor Agonists For Patient With Metabolic-Dysfunction Associated Steatotic Liver Disease And Type-2 Diabetes Mellitus	Nada Ayedh Binhareez
8	10:30 - 10:37	Assessing Olive Oil's effect on Elderly Health via PET Imaging	Nada Zoubdane
8	10:37 - 10:44	Establishment of ELISA System for Modified LDL-adiponectin Complex	Tatsuya Sawamura
8	10:44 - 10:51	Management of Familial Hypercholesterolemia: An Updated Analysis from Vietnam	Thanh Ngoc Kim
8	10:51 - 10:58	Short-Term Treatment for Acquired HDL Deficiency Restores HDL Function	Tomohiro Komatsu

## 5 December 2024 - Time: 13:30 - 14:30

1	13:30 - 13:37	Metabolic Obesity Phenotypes and their ASCVD Risk in Arab Adults	Nasser Al-Daghri
1	13:37 - 13:44	The Synergistic Effect of obesity and Dyslipidemia on Hypertension	Neda Izadi
1	13:44 - 13:51	Dietary Amino Acids And Hypertension Risk: Systematic Review and Meta-Analysis	Neda Izadi
1	13:51 - 13:58	Synthetic Glucose Time Series: Generative AI for Fasting Research	Nico Steckhan
1	13:58 - 14:05	Familial Hypercholesterolemia in patients with Premature Coronary Artery Disease	Nizal Sarrafzadegan
1	14:05 - 14:12	Familial hypercholesterolemia Prevalence among High LDL Cholesterol Participants in Iran	Nizal Sarrafzadegan
1	14:12 - 14:19	Integration of DM and Hypertension on Cardiovascular Events: ICS study Participants in Iran	Zahra Teimouri-jervekani
1	14:19 - 14:26	Characterization of First Case Lecithin Cholesterol Acyltransferase Deficiency in Oman	Zeyana Al-Dahmani
2	13:30 - 13:37	The Impact of Multidisciplinary Preventive Cardiology and Cardiac Rehabilitation Clinic	Nujood Alluqmani

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Screen No.	Time	Title	Name
2	13:37 - 13:44	Omega-3 Supplementation on Specialized Pro-Resolving Mediators: Vital Trial Results	<b>Olga Demler</b>
2	13:44 - 13:51	Digital Health and Artificial Intelligence for Personalized Prevention of Atherosclerosis and Associated Cardiometabolic Diseases	<b>Olga Demler</b>
2	13:51 - 13:58	Prevalence of Hypertriglyceridemia in Pakistan Adult Population: A Cross-Sectional Study	<b>Qura Tul Ain</b>
2	13:58 - 14:05	Association Between Diabetes & Chronic Kidney Disease In Moroccan Adult Population	<b>Rachida Moustakim</b>
2	14:05 - 14:12	Small Dense LDL-C Discordance is Associated with Higher Cardiovascular Risk	<b>Rafael Zubiran</b>
2	14:12 - 14:19	Cardiovascular Precision: 3D Printing & Digital Health Synergy	<b>Rahmeh Al Asmar</b>
2	14:19 - 14:26	A Network Meta-Analysis of Various Treatment Modalities for CTEPH	<b>Rashad Mohamed</b>
3	13:30 - 13:37	The Effects of Valsartan And Valsartan/Sacubitril In Chronic Kidney Disease	<b>Raya Al Maskari</b>
3	13:37 - 13:44	Electronic Health Readiness: A Key To Successful Ehealth Implementation	<b>Rofida Asmally</b>
3	13:44 - 13:51	Antenatal Care Utilization And Quality: Story Of Rural Underprivileged Women	<b>Rofida Asmally</b>
3	13:51 - 13:58	Emerging Biomarkers in the Early Detection of Hypertension	<b>Jamol Uzokov</b>
3	13:58 - 14:05	Accuracy of Calculated Low-density Lipoprotein Cholesterol	<b>Ruqaiya Al Dhuhli</b>
3	14:05 - 14:12	Prognostic Value of Liver Transaminases Elevation In Acute Myocardial Infarction	<b>Saeide Bahrani</b>
3	14:12 - 14:19	Effect of Androgens on Endothelial-Progenitor Cell Recruitment After Transient Hypoxia	<b>Saeide Bahrani</b>
3	14:19 - 14:26	The Association between Lipoprotein (a) Concentration and apo (a) Isoform Size in Familial Hypercholesterolemia	<b>Sana Hesari</b>
4	13:30 - 13:37	Cholesterol As Marker for Steroid Resistance In Focal Segmental Glomerulosclerosis	<b>Sara Al Ismaili</b>
4	13:37 - 13:44	First time use of Lomitapide in Homozygous Familial Hypercholesterolemia, UAE	<b>Sarah Qureshi</b>
4	13:44 - 13:51	Indian Expert Consensus on Long-Acting Nifedipine in Hypertension Management	<b>Sarita Bajpai</b>
4	13:51 - 13:58	Efficacy of Intensive Lipid-Lowering Therapy after CABG: A Meta-Analysis	<b>Youssef Soliman</b>
4	13:58 - 14:05	Statin Therapy and Lipoprotein-Associated Phospholipase A2 Mass and Activity: Meta-Analysis	<b>Tannaz Jamialahmadi</b>
4	14:05 - 14:12	Impact of Fibrates on Lipoprotein-Associated Phospholipase A2 Status: A Meta-Analysis	<b>Tannaz Jamialahmadi</b>
4	14:12 - 14:19	Statin and In Epicardial Adipose Tissue Improvement: A Meta-Analysis	<b>Sepideh Salehabadi</b>
4	14:19 - 14:26	Homocysteine Levels Following Bariatric Surgery: A Systematic Review and Meta-Analysis	<b>Sepideh Salehabadi</b>



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5	13:30 - 13:37	PCSK9 Inhibitors Ameliorates Small Nerve Fibre Damage In Heterozygous Familial-Hypercholesterolemia	<b>Bilal Bashir</b>
5	13:37 - 13:44	The First Report of 2:1 Atrioventricular Block Following COVID-19 Vaccination	<b>Seyyed Shamsadin Athari</b>
5	13:44 - 13:51	Extracellular Sialin mRNA: A Novel Early Biomarker For Endothelial Dysfunction	<b>Shamima Akhtar</b>
5	13:51 - 13:58	Inflammatory Markers And Polyvascular Disease In Patients With T2DM	<b>Shimaa Elrahmany</b>
5	13:58 - 14:05	Corticosterone Protects Against Stroke Damage by Elevating Prdx1 Antioxidant Levels	<b>Shin Hye Moon</b>
5	14:05 - 14:12	Sneddon Syndrome: A Rare Neurocutaneous Vasculopathy Case	<b>Sidali Khier</b>
5	14:12 - 14:19	Systemic Sclerosis and Macrovascular Impairment A Case Report	<b>Sidali Khier</b>
5	14:19 - 14:26	Leukocyte Lipid Uptake And Storage Profiles Along The Lipid-Lowering Journey	<b>Simon Pfisterer</b>
6	13:30 - 13:37	Human Carotid Plaque Macrophage Subpopulations in Relationship to GSM	<b>Sona Kauerova</b>
6	13:37 - 13:44	sLOX-1/LAB Ratio: Possible Biomarker for Liver Fibrosis in ACA-Positive Patients	<b>Suguru Mabuchi</b>
6	13:44 - 13:51	Impact of Fatty Acid Uptake And Storage on Endothelial Function	<b>Sultan Al Siyabi</b>
6	13:51 - 13:58	Association of Thrombotic Genes Polymorphism With Coronary Artery Disease	<b>Syed Tasleem Raza</b>
6	13:58 - 14:05	Oxidants, Antioxidants, And Atherosclerotic Cardiovascular Disease	<b>Takahito Doi</b>
6	14:05 - 14:12	Serum-Desmosterol May Be A Biomarker of Intra-Hepatic Inflammation in MASLD	<b>Takashi Omatsu</b>
6	14:12 - 14:19	Genetic And Biochemical Analysis of Four Japanese Severe Hypertriglyceridemia	<b>Takashi Suzuki</b>
6	14:19 - 14:26	Post-PCI Risk Stratification: Insights from Japanese Guidelines and CLIDAS	<b>Takuro Kawahara</b>
7	13:30 - 13:37	Bariatric Surgery Affects Cholesterol Metabolism Pathways: In Silico Analysis	<b>Tannaz Jamialahmadi</b>
7	13:37 - 13:44	Gastric Bypass Versus Sleeve Gastrectomy: A Bioinformatic And Transcriptomic Comparison	<b>Tannaz Jamialahmadi</b>
7	13:44 - 13:51	The Prediction of Liver Fibrosis In Severe Obesity	<b>Tannaz Jamialahmadi</b>
7	13:51 - 13:58	Bariatric-key genes related to high vs. Low BMI Reduction	<b>Tannaz Jamialahmadi</b>
7	13:58 - 14:05	Anti-PCSK9 serum enhances LDL uptake in HepG2 cells	<b>Amirhossein Sahebkar</b>

# 20<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS

*Towards Prevention of Cardiometabolic Diseases through Precision Medicine*

Screen No.	Time	Title	Name
7	14:05 - 14:12	Investigation of The Lipidome Abnormalities Associated With Familial Hypercholesterolemia.	<b>Amirhossein Sahebkar</b>
7	14:12 - 14:19	Lipidomics Investigation In Patients With In-Stent Restenosis	<b>Amirhossein Sahebkar</b>
7	14:19 - 14:26	Bioinformatic Search And Synthesis Of Mitophagy Stimulators for Anti-Inflammatory Therapy	<b>Alexander Orekhov</b>
8	13:30 - 13:37	SII, ePWV, AIP, and TyG Indexes as Indicators of CKD	<b>Wael Hafez</b>
8	13:37 - 13:44	Low-Fat Diet and Vitamin D Effect on Induced NAFLD	<b>Wael Hafez</b>
8	13:44 - 13:51	Serum MicroRNA-146a-5p and Cortisol levels in Relation to T2DM	<b>Wael Hafez</b>
8	13:51 - 13:58	UCSCs in Treatment of T1DM and T2DM ; A Meta-Analysis	<b>Wael Hafez</b>
8	13:58 - 14:05	Prognostic Value of Low-Density Lipoprotein-Containing Circulating Immune Complexes	<b>Alexander Orekhov</b>
8	14:05 - 14:12	Empowering Advocacy through Education: The FH Europe Foundation Ambassador Programme	<b>Elsie Evans</b>
8	14:12 - 14:19	Reduced QoL and Economic Burden Associated with HoFH: Patient Survey	<b>Elsie Evans</b>
8	14:19 - 14:26	Living with elevated Lp(a) - patient advocacy for Cardiovascular Health	<b>Marc Rijken</b>

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*Towards Prevention of Cardiometabolic Diseases through Precision Medicine*

**6 December 2024 - Time: 10:30 - 11:00**

Screen No.	Time	Title	Name
1	10:30 - 10:37	Outcome of Primary PCI beyond 12 Hours of Symptom Onset	Muhammad Ishaq
1	10:37 - 10:44	Risk of CHD in Genetically Familial Hypercholesterolemia With Diabetes	Kjetil Retterstøl
1	10:44 - 10:51	Early Markers of Metabolic Syndrome In Western Diet-Fed Rat Model	Amani Al Khaifi
1	10:51 - 10:58	Differential Gene Expression In Conditions of Normal And Defective Mitophagy	Alexander Orekhov
2	10:30 - 10:37	Prevalence of Angina And Coronary Heart Disease In United States	Wael Hafez
2	10:37 - 10:44	Active Vs. Convalescent Kawasaki Disease: Comprehensive Molecular Insights	Wael Hafez
2	10:44 - 10:51	NF-κB1,TNF,VEGF A&VEGF B in a mouse model of SARS-CoV-2 infection	Wael Hafez
2	10:51 - 10:58	CKD prevalence and risk factors in US adults; BRFSS (2011–2022)	Wael Hafez
3	10:30 - 10:37	Statins Alter Transcription Profile In Cancer Cells	Amirhossein Sahebkar
3	10:37 - 10:44	Statins Regulate Cell Death Genes And Superoxide Radical Removal	Amirhossein Sahebkar
3	10:44 - 10:51	Uncovering Key Genes In Atherosclerosis Through Protein-Protein Interaction Network Analysis	Amirhossein Sahebkar
3	10:51 - 10:58	Computational Identification of Small Molecules for Modulating Atherosclerosis and NAFLD	Amirhossein Sahebkar
4	10:30 - 10:37	Bariatric Surgery Affects Cardiovascular-Associated Gene Expression In The Ileum Tissue	Tannaz Jamialahmadi
4	10:37 - 10:44	Prognostic Biomarkers For Effective Bariatric Surgery: A Bioinformatic Study	Tannaz Jamialahmadi
4	10:44 - 10:51	Metabolic Surgery Alters Skeletal Muscle Fatty Acid Metabolism: Transcriptomic Analysis	Tannaz Jamialahmadi
4	10:51 - 10:58	Statins Improve Arterial Wall Inflammation: Systematic Review And Meta-Analysis	Tannaz Jamialahmadi
5	10:30 - 10:37	Proatherogenic Profile of Lysosomal Diseases	Amar Tebaibia
5	10:37 - 10:44	CCTA-first approach in non-STE-ACS and T2D - a single-center study	Dmitry Duplyakov
5	10:44 - 10:51	Epidemiological Trends In Indian Dyslipidemia Patients on Primary Prevention Therapy	Sarita Bajpai
5	10:51 - 10:58	Cardiovascular Morbidity Among Tuberculosis Patients In India: A Cross-Sectional Study	Arohi Sandeepkumar Chauhan

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Screen No.	Time	Title	Name
6	10:30 - 10:37	Familial Hypercholesterolemia in patients with Premature Coronary Artery Disease: Iran	<b>Nizal Sarrafzadegan</b>
6	10:37 - 10:44	Familial Hypercholesterolemia in Iran	<b>Nizal Sarrafzadegan</b>
6	10:44 - 10:51	Absorption and Resecretion of Dietary cholesterol in Insulin Resistant Dogs	<b>Khadija Ouguerram</b>
6	10:51 - 10:58	The Troponin Types as Biomarkers for Hypertension: NHANES III Study	<b>Amine Rakab</b>
7	10:30 - 10:37	Endovascular Nitinol Stents Versus Surgical Bypass in Femoropopliteal Lesions	<b>Khalid Sarhan</b>
7	10:37 - 10:44	Pre-hypertension and its Determinants in Apparently Healthy Medical Undergraduates	<b>L V Simhachalam Kutikuppala</b>
7	10:44 - 10:51	Patient organisations - key factor in improving quality of care	<b>Kristýna Cillikova</b>
7	10:51 - 10:58	Launch of the First HoFH Awareness Day: Addressing Unmet Needs	<b>Chyrel Lichaa</b>
8	10:30 - 10:37	Urgent Need for FH Patient Organization in the Middle East	<b>Chyrel Lichaa</b>
8	10:37 - 10:44		
8	10:44 - 10:51		
8	10:51 - 10:58		