

## 53.Heart failure (basic)

| Abstract No. | First Name | Last Name | Program No. | Session                     | Session Title                         | Date       | Time        | Order | Room                         | Abstract Title   |
|--------------|------------|-----------|-------------|-----------------------------|---------------------------------------|------------|-------------|-------|------------------------------|--|
| 10177        | Yohko      | Yoshida   | PJ014-2     | ポスターセッション (日本語) 014         | Heart Failure/Cardiomyopathy (Basic)  | 3/29 (Fri) | 10:20-11:10 | 2     | Poster Room, Exhibition Hall | Brown Adipose Tissue Has a Crucial Role for the Pathologies of Pressure Overload-induced Heart Failure   |
| 10484        | Nozomi     | Furukawa  | PJ013-6     | ポスターセッション (日本語) 013         | Cardiomyopathy/Hypertrophy Basic      | 3/29 (Fri) | 10:20-11:10 | 6     | Poster Room, Exhibition Hall | DPP-4 inhibitor, Vildagliptin, induce FGF21 expression through AMPK-Sirt1 signaling in non-diabetic hypertrophied mice heart   |
| 10644        | Yusuke     | Higuchi   | OJ40-4      | 一般演題口述 (日本語) 40             | Heart Failure/Cardiomyopathy (Basic)  | 3/31 (Sun) | 13:30-15:00 | 4     | 418, Conference Center       | Cavin-2 Deficiency Attenuates Myofibroblast Differentiation and Cardiac Fibrosis in Pressure Overloaded Hearts   |
| 10761        | Yuto       | Monma     | PJ074-5     | ポスターセッション (日本語) 074         | Heart Failure Basic                   | 3/30 (Sat) | 15:50-16:40 | 5     | Poster Room, Exhibition Hall | Low-intensity Pulsed Ultrasound Ameliorates Diastolic Cardiac Dysfunction in Mice  |
| 11252        | Masato     | Narita    | PJ014-6     | ポスターセッション (日本語) 014         | Heart Failure/Cardiomyopathy (Basic)  | 3/29 (Fri) | 10:20-11:10 | 6     | Poster Room, Exhibition Hall | Inhibitory Effects of Rivaroxaban, a Direct Factor Xa Inhibitor, on Cardiac Hypertrophy and Fibrosis in Renin-overexpressing Hypertensive Mice                               |
| 11408        | Michio     | Sato      | PJ074-6     | ポスターセッション (日本語) 074         | Heart Failure Basic                   | 3/30 (Sat) | 15:50-16:40 | 6     | Poster Room, Exhibition Hall | Loss of HMGB2 exacerbate pressure overload-induced heart failure in mice.  |
| 11576        | Yusuke     | Igaki     | OJ40-9      | 一般演題口述 (日本語) 40             | Heart Failure/Cardiomyopathy (Basic)  | 3/31 (Sun) | 13:30-15:00 | 9     | 418, Conference Center       | Inhibition of xanthine oxidase in type 2 diabetic rats ameliorates pressure overload-induced diastolic dysfunction.  |
| 11820        | Takatomo   | Watanabe  | PJ014-1     | ポスターセッション (日本語) 014         | Heart Failure/Cardiomyopathy (Basic)  | 3/29 (Fri) | 10:20-11:10 | 1     | Poster Room, Exhibition Hall | In Situ Nuclear DNA Methylation in Human Failing Hearts with Dilated Cardiomyopathy  |
| 11957        | Kosuke     | Okabe     | PJ074-1     | ポスターセッション (日本語) 074         | Heart Failure Basic                   | 3/30 (Sat) | 15:50-16:40 | 1     | Poster Room, Exhibition Hall | Sulfiredoxin ameliorates oxidative stress-induced cardiomyocyte apoptosis and mitochondrial dysfunction by inhibiting oxidation of peroxiredoxin 3                           |
| 12044        | Yasunori   | Suematsu  | PJ074-3     | ポスターセッション (日本語) 074         | Heart Failure Basic                   | 3/30 (Sat) | 15:50-16:40 | 3     | Poster Room, Exhibition Hall | Angiotensin Receptor-Nepriylsin Inhibitor Preserved Cardiac Function via Calcium Regulation in Mice Model of Atherosclerosis   |
| 12230        | Toshiyuki  | Ko        | OJ40-1      | 一般演題口述 (日本語) 40             | Heart Failure/Cardiomyopathy (Basic)  | 3/31 (Sun) | 13:30-15:00 | 1     | 418, Conference Center       | Quantification of DNA Damage in Heart Tissue as a Novel Prediction Tool for Therapeutic Prognosis  |
| 12381        | Yurie      | Kon       | PJ014-3     | ポスターセッション (日本語) 014         | Heart Failure/Cardiomyopathy (Basic)  | 3/29 (Fri) | 10:20-11:10 | 3     | Poster Room, Exhibition Hall | AMPK-KLF4 signaling activated by the change of intracellular FA composition regulates mitochondrial integrity  |
| 12385        | Atsuo      | Nomura    | PJ074-2     | ポスターセッション (日本語) 074         | Heart Failure Basic                   | 3/30 (Sat) | 15:50-16:40 | 2     | Poster Room, Exhibition Hall | Augmented O-GlcNAcylation of Glycogen Synthase Kinase-3 $\beta$ ; and NF- $\kappa$ Bp65 Prevents Cardiac Hypertrophy Induced by Intermittent Hypoxia Relevant to Sleep Apnea |
| 12850        | Wataru     | Mizushima | PJ014-4     | ポスターセッション (日本語) 014         | Heart Failure/Cardiomyopathy (Basic)  | 3/29 (Fri) | 10:20-11:10 | 4     | Poster Room, Exhibition Hall | p22phox Plays a Protective Role Against Pressure Overload in the Heart   |
| 12931        | Satoru     | Yamamura  | PJ074-4     | ポスターセッション (日本語) 074         | Heart Failure Basic                   | 3/30 (Sat) | 15:50-16:40 | 4     | Poster Room, Exhibition Hall | Sirt7 plays a distinct role in cardiomyocyte in response to pressure overload  |
| 12955        | Takahiro   | Kamihara  | FRS5-3      | Featured Research Session 5 | Heart Failure, Cardiomyopathy (Basic) | 3/29 (Fri) | 16:30-18:00 | 3     | 416 + 417, Conference Center | Werner gene is responsible for cardiac aging with the disability of the autophagy.   |
| 13227        | Kanna      | Fujita    | FRS5-4      | Featured Research Session 5 | Heart Failure, Cardiomyopathy (Basic) | 3/29 (Fri) | 16:30-18:00 | 4     | 416 + 417, Conference Center | Single-nucleus transcriptome analysis of the heart reveals disease-specific transcriptional signatures in human heart failure.   |
| 20081        | Jia Wei    | Chen      | FRS5-2      | Featured Research Session 5 | Heart Failure, Cardiomyopathy (Basic) | 3/29 (Fri) | 16:30-18:00 | 2     | 416 + 417, Conference Center | CCDC11 Promotes Cardiac Hypertrophy and Dysfunction in Response to Pressure Overload   |