

21. Cardiomyopathy/Hypertrophy (basic)

| Abstract No. | First Name | Last Name | Abstract Title | Session ID | Language |
|--------------|------------|-----------|---|------------|----------|
| 10407 | Ryo | Kawakami | Cardiac Growth and Hypertrophic Response Require Exogenous Fatty Acid Uptake, but Not Endogenous De Novo Lipogenesis | 21-1 | English |
| 10484 | Ryo | Kawakami | Mitochondrial-Related Gene Dysregulation and Spontaneous Cardiomyopathy in <i>Mybpc3</i> -Variant Knock-in Mice | 21-1 | English |
| 10559 | Haruka | Matsuzaki | Defect of β -B1 crystallin protein causes calpain activation and accelerates systolic dysfunction in cardiomyopathic hamsters | 21-1 | English |
| 10786 | Takehiro | Kamo | Gut Microbiota Manipulation Triggers Structural Changes in the Murine Heart | 21-1 | English |
| 11069 | Shinichiro | Takashima | Myocyte-specific Enhancer Factor 2c Triggers Transdifferentiation of Adipose-tissue-derived Stromal Cells into Spontaneously Beating Cardiomyocyte-like Cells | 21-2 | English |
| 11136 | Masamichi | Ito | Construction of a Screening System for Therapeutic Candidate Compounds for Dilated Cardiomyopathy Using iPS cell-derived Cardiomyocytes | 21-2 | English |
| 11295 | Takuma | Takada | Aligned Human iPS cell-derived Cardiac Tissue Improves the Systolic and Relaxation Function through Promoting Synchronous Cardiomyocyte Contraction | 21-2 | English |
| 11405 | Manabu | Kasamoto | Cell Cycle activated iPS Cell derived cardiomyocytes achieve efficient transplantation | 21-2 | English |
| 11465 | Yoichi | Sunagawa | Nobiletin Binding Protein 1 is Required to Exhibit Therapeutic Potency of Nobiletin for Heart Failure through inhibition of p300 activity | 21-1 | English |
| 11968 | Inkou | Syu | Progranulin deficiency leads to enhanced age-related cardiac hypertrophy through complement C1q-induced beta-catenin activation | 21-2 | English |
| 11991 | Masahiro | Koseki | High Fat Diet Containing 7-Ketocholesterol Induces Steatohepatitis and Cardiac Inflammation in STZ-Induced Diabetic Mice | 21-1 | English |
| 12102 | Yuka | Seki | Single cell RNA sequencing reveals potential molecular mechanisms of Lamin A/C gene mutation leading to dilated cardiomyopathy | 21-2 | English |

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| 20009 | Joanne Ern Chi | Soh | RhoA Rescues Senescence Heart by Maintaining Mitochondrial Function via Parkin | 21-2 | English |
| 20025 | Andreas | Haryono | Chondroitin sulfate N-acetylgalactosaminyltransferase-2 (ChGn-2) plays an important role in cardiac remodeling and heart failure after pressure overload | 21-1 | English |