K. Caliskan, R.J. van Geuns, K. Gruszczynska, Y. Hoedemakers, S.W.M. Kirschbaum, R.J. Ten Cate, M.L. Simoons *(Rotterdam, NL)*

P15 Sensorineural hearing loss, diabetes and hypertrophic cardiomyopathy in a patient with mitochondrial DNA A3243G point mutation (A3243G tRNALeu)
R. **Casano, C. Giuliani, F. Girolami, F. Cecchi, F. Torricelli** *(Florence, I)*

P16 Biochemical and molecular diagnosis of Fabry disease: 8 years experience of the metabolic unit of Meyer Children's Hospital in Florence
C. Cavicchi, C. Filoni, L. Carraresi, A. Caciotti, R. Parini, R. Ricci, D. Antuzzi, A. Frustaci, C. Chimenti, S. Feriozzi, O. Gabrielli, R. Di Vito, P. Mene, R. Barone, a. Burlina, A. Messeri, F. Almerigogna, F. Cecchi, R. Guerrini, E. Zammarchi, M.A. Donati, A. Morrone *(Florence, I; Monza, I; Rome, I; Viterbo, I; Ancona, I; Ortona, I; Catania, I; Padua, I)*

P17 Our first experiences with genetic testing of troponin T and troponin I genes in patients with hypertrophic cardiomyopathy
K. Curila, M. Penicka, M. Minarik, H. Linkova, L. Benosova, P. Gregor *(Prague, CZ)*

P18 Left ventricular outflow tract obstructoiin at rest and sudden death risk in patients with hypertrophic cardiomyopathy
G. Efthjimiadis, G. Giannakoulas, D. Parcharidou, V. Kamperidis, V. Vassilikos, S. Paraskevailis, S. Gavrielides, H. Karvounis, I. Styliadis, G. Parcharidis *(Thessaloniki, GR)*

P19 New Fabry disease causing mutations: mapping on three-dimensional model and in vitro expression study of mutation alpha-galactosidase a enzymes
C. Filoni, L. Carraresi, C. Cavicchi, A. Caciotti, R. Parini, S. Feriozzi, P. Poisetti, S. Garman, R. Guierrini, E. Zammarchi, M.A. Donati, A. Morrone *(Florence, I; Monza, I; Viterbo, I; Piacenza, I; Rockville, USA)*

P20 Morphofunctional assessment of the interventricular septum in patients with hypertrophic cardiomyopathy undergoing surgical myectomy
F. Garbini, I. Olivotto, M. Yacoub, L. Rega, S. Nistri, B. Boni, F. Castiglione, A.M. Buccoliero, G. D'Amati, F. Cecchi *(Florence, I; Rome, I)*

P21 Left ventricular non-compaction in relatives of patients with DCM. Not a rarity finding with particular clinical profile
A. Romerio, B. Redondo, M.J. Oliva, J. Gonzalez Carrillo, M.C. Cerdan, F. Escurbero, J. Lacunza, J.R. Gimeno Blanes, M. Valdes *(Murcia, E)*

P22 Inherited cardiac diseases. Results from first 500 families evaluated in a dedicated screening clinic
M.J. Oliva, J.R. Gimeno Blanes, J. Lacunza, A. Garcia Alberola, M.C. Cerdan, F. Ruiz Espajo, E. Gardia-Molina, F. Castro, J. Lozano, M. Valdes *(Muircia, E)*

P23 Familian hypertrophic cardiomyopathy caused by triple sarcomere protein gene mutations
F. Girolami, I. Olivotto, C. Giuliani, A. Mariottini, F. Fecchi, F. Toricielli *(Florence, I)*

P24 Identification and characterization of a novel mutation in JPH2-encoded junctorphilin-2 in an Italian hypertrophic Cardiomyopathy cohort
A.P. Landstrom, N. Weisleder, J.M. Bos, J. Ma, A. Tjondrokoesoemo, S.R. Ommen, I. Olivotto, F. Cecchi, F. Girolami, M.J. Ackerman *(Rochester, USA; Piscataway, USA; Florence, Italy)*

P25 Dynamic regulation of extracellular matrix key genes in cardiac hypertrophy
U. Hellman, S. Morner, A. Engstrom-Laurent, P. Oliviero, J.L. Samuel, A. Waldenstrom *(Umea, S; Paris, F)*

P26 Contractile function in preclinical and overt hypertrophic cardiomyopathy; evaluation of a genotyped population with echocardiographic strain imaging
C. Ho; C. Carlsen, J. Thune, O. Havndrup, H. Bundgaard, F. Farrophi, J. Rivero, A. Cirino,

P. Andersen, M. Christiansen, B.J. Maron, E.J. Orav, L. Keber *(Boston, USA; Copenhagen, DK; Minneapolis, USA; Boston, USA)*

P27 Sacomeric defects: a major cause of noncompaction cardiomyopathy
Y,M. Hoedemaekers, K. Caliskan, F.J. ten Cate, D.F. Majoor-Krakauer, D. Dooijes *(Rotterdam, NL)*

P28 Desmocollin-2 and desmoglein-2 mutations in arrhytmogenic right ventricular cardiomyopathy
J.D.H. Jongbloed, Z. Bhulyan, M. van der Smagt, M.M.A.M. Mannens, M.P. van den Berg, I.C. van Gelder, A.A.M. Wilde, R.N.W. Hauer, R.M.W. Hofstra, J.P. van Tintelen *(Groningen, NL; Amsterdam, NL; Utrecht, NL)*

P29 Two founder mutations MYBC3 Q1061X AND TPM1 D175N account for a substantial part of cases of hypertrophic cardiomyopathy in Finland
J. Kuusisto, T. Helio, M. Kaartinen, K. Aalto-Setala, P. Jaaskelainen, L. Hamalainen, R. Miettinen, M.S. Nieminen, M. Laakso *(Kuopio, F)*

P30 Hypertrophic cardiomyopathy gene expression analysis
A. Magi, G. Nannetti, G. Marseglia, F. Girolami, B. Minuti, C. Romolini, F. Cecchi, I. Olivotto, F. Torricellli *(Florence, I)*

P31 Diastolic stress test using external tipmanometer: differentiation of hypertrophic cardiomyopathy vs. hypertensioin patients by assessing the left ventricular behaviour with handgrip exercise
J. Manolas *(Athens, GR)*

P32 Cardiac variant of Fabry disease
B. Minuti, E. Pelo, C. Giuliani, C. Ramolini, F. marinelli, F. Cecchi, F. Torricelli *(Florence, I)*

P33 Genetic screening of 527 previously described mutations in a large cohort of patients with hypertrophic cardiomyopathy
L. Monserrat, M. Hermidea-Prieto, M. Brion, J.R. Gimeno-Blanes, F. marin-Ortuno, X. Fernandez, I. Rodriguez, R. Barriales-Villa, M. Ortiz, A. Carracedo, A. Castro *(A Coruna, E; Santiago de Compostela, E; Murccia; Alicante, E; Barcelona, E; Jerez, E)*

P34 Electrophysiological remodeling in septal myocytes from Fhcm patients: focus on repolarization
S. Suffredini, R. Coppini, L. Sartiani, F. Stillitano, F. Cecchi, I. Olivotto, E. Cerbal, A. Mugelli *(Florence, I)*

**** Winner of Young Investigator Award ****

P35 Molecular and cellular remodeling in familiar hypertrophic cardiomyopathy a study in human biopsies
F. Stillitano, S. Suffredini, R. Coppini, L. Sartiani, F. Cecchi, I. Olivotto, A. Mugelli, E. Cerbai *(Florence, I)*

P36 Myofilament protein gene mutation screening and outcome of patients with hypertrophic cardiomyopathy
I. Olivotto, F. Girolami, M.J. Ackerman, S. Nistri, J.M. Bos, E. Zachara, S.R. Ommen, J.L. Theis, R.A. Vaubel, F. Re, C. armentano, C. Poggesi, F. Torricelli, F. Cecchi (Florence, I; Altavilla Vicentina, I; Rome, I; Rochester, USA)

P37 Assessment and significance of left ventricular mass by cardiovascular magnetic resonance in hypertrophic cardiomyopathy
I. Olivotto, M.S. Maron, C. Autore, J.R. Lesser, L. Rega, G. Casolo, M. De Santis, G. Quarta, S. Nistri, F. Cecchi, J.E. Udelson, W.J. Manning, B.J. Maron *(Florence, I; Rome, I; Minneapolis, USA; Boston, USA)*

P38 Surgical treatment of tunneled left anterior descending artery causing severe angina in a child with hypertrophic cardiomyopathy
I. Olivotto, F. Cecchi, R. Bini, S. Favilli, B. Boni, B. Murzi, M.H. Yacoub *(Florence, I; Massa Carrara, I)*

P39 Impaired expression of calcium handling channel and gap junction in EGR-1 deficient mice during cardiac remodeling
L. Pacini, S. Suffredini, R. Fiaccavento, G. D'Amati, G. Lembo, E. Cerbai, P. Di Nardo, G. Frati, G. Ragona, A. Calogero *(Latina, I; Rome, I; Pozzilli, I; Florence, I)*

P40 Endomyocardial biopsy performed in patients with acute heart failure due to the unexplained dilated cardiomyopathy: first single-centre experience
P. Kuchynka, T. Palecek, S. Simek, D. Hulinska, J. Schramlova, I. Vitkova, G. Dostalova, S. Magage, S. Havranek, A. Linhart *(Progue, CZ)*

P41 Implications of syncope as the presenting symptom in patients with Tako-Tsubo cardiomyopathy
C. Salvadori, G. Parodi, S. Del Pace, I. Olivotto, L. Zampilin, B. Bellandi, N. Carrabba, G.F. Gensini, D. Antoniucci, for the Tuscany Registry of Tako-Tsubo Cardiomyopathy *(Florence, I)*

P42 Long-term follow-up in patients with Tako-Tsubo cardiomyopathy
L. Zampini, B. Bellandi, G. Parodi, S. Del Pace, C. Salvadori, N. Carrabba, G.F. Gensini, D. Antoniucci for the Tuscany Registry of Tako-Tsubo Cardiomyopathy *(Florence, I)*

P43 Changing mortality in dilated cardiomyopathy in the last 30 years: the experience of the Heart Muscle Disease Registry of Trieste
M. Merlo, B. Pinamonti, G. Barbati, A. Pivetta, S. Pyxaras, A. Di Lenarda, G. Sinagra *(Trieste, I; Turin, I)*

P44 Clinical-instrumental features and prognosis of arrhythmogenic right ventricular cardiomyopathy: 30 years of experience in a referral center
B. Pinamonti, M. Merlo, A. Dragos, A. Pivetta, S. Pyxaras, F. Brun, C. Mazzone, L. Metroni, A. Di Lenarda, G. Sinagra *(Trieste, I; Denver, USA)*

P45 Evolution of systolic and diastolic dysfunctioin in hypertrophic cardiomyopathy: clinical and prognostic significance
B. Pinamonti, M. Merlo, R. Nagah, R. Korcova, G. Barbati, S. Pyxaras, G. Secoli, A. Di Lenarda, G. Sinagra *(Trieste, I; Turin, I)*

P46 Prognostic role of prersistence of significant functional mitral regurgitation in idiopathic dilated Cardiomyopathy
B. Pinamonti, M. Merlo, F. Della Barca, G. Barbati, S. Pyxaras, D. Stolfo, G. Secoli, R. Bussani, A. Di Lenarda, G. Sinagra *(Triesta, I; Turin, I)*

P47 Is the long term outcome of familial dilated cardiomyopathy different with respect to sporadic forms?
M. Merlo, B. Pinamonti, G. Barbati, F. Brun, B. D'Agata, A. Pivetta, A. Magagnin, L. Mestroni, A. Di Lenarda, G. Sinagra *(Trieste, I; Denver, USA)*

P48 Long-term outcome of dilated cardiomyopathy: a large cohort of patients from the Heart Muscle Disease Registry of Trieste
M. Marlo, B. Pinamonti, G. Barbati, A. Pivetta, A. Buiatti, S. Pyxaras, L. Dell'Angela, M. Zecchin, G. Sabbadini, a. Di Lenarda, G. Sinagra *(Trieste, I; Turin, I)*

P49 Impaired diastolic function after exchange of endogenous troponin I with C-terminal truncation troponin I in human cardiac myofibrils
B. Scellini, N.A. Narolska, N. Piroddi, A. Belus, S. Deppermann, K. Jaquet, D.B. Foster, J.E. van Eyk, J. van der Velden, C. Tesi, G.J. Stienen, C. Poggesi *(Florence, I; Amsterdam, NL; Bochum, D; Baltimore, USA)*

P50 Clinical benefit of prostaglandin infusion in severe heart failure
W. Serra, A. Montanari, L. Muslari, D. Ardissino, T. Gherli *(Parma, I)*

P51 Spatial relationship between coronary microvascular dysfunction and delayed contrast

enhancement in patients with hypertrophic cardiomyopathy
B. Sotgia, R. Sciagra, I. Olivotto, G. Casolo, L. rega, I. Betti, A Pupi, P.G. Camici, F. Cecchi *(Florence, I; Lido di Camaiore, I; London UK)*

P52 Genetic epidemiology of dilated cardiomyopathy in The Netherlands
K.Y, van Spaendonck-Swarts, J.P. van Tentelen, J.D.H. Jongbloed, I.M. van Langen, J. van der Smagt, N. de Jonge, A. Wilde, M. Mannenes, R.M.W Hofstra, A.C.P. Weisfeld, R.N.W. Haer, D.J. van Veldhuisen, M.P. van den Berg *(Groningen, NL; Amsterdam, NL; Utrecht, NL)*

P53 Drug and electrical therapy as optimal treatment of cardiac amyloidosis
E. Venturini, L. Magni, C. Marabotti, F. Maxxinghi, R Testa (Cecina, I)

P54 Sudden death infant syndrome: usefulness of a multidisciplinary approach
E. Zorio Grima, P. Molina Aguilar, C. Presentacion Blasco, I. Izquierdo Macian, M. Gormaz Moreno, B. Cardona Valencia, S. Giner Alberola, M.A. Devesa Sais, P. Palau Subiela, J.A. Alberola Enguidanos, J. Navarro Manchon, O. Cano Perez, J. Osca Asensi, M. Bermejo Perez, R. Banon Gonzalez, J. Giner Blasco *(Valencia, Spain; Castellon, Spain, Alicanti, Spain)*

P55 Distribution of causes of sudden death from forensic registries of the South East of Spain
E. Zorio Grima, B. Cardona Valencia, S. Giner Alberola, M.A. Devesa Sais, M.A. Arnau Vives, J. Rueda Soriano, a. Salvador Sanz, L. Caballero Jimenez, V. Climent Paya, F. Sogorb Garri, P. Ferrer Gomez, M. Vicente Mendoza, P. Molina Aguilar, C. Presentacion Blasco, M. Bermejo Perez, R. Banon Gonzalez, J. Giner Blasco *(Valencia, S; Alicante, S; Castellon, S)*

P56 Epsilon waves; more than a marker of fatty infiltration
E. Zorio Grima, B. Igual Munozz, A. Quesada Carmona, JNavarro Manchon, O. Cano Perez, M.A. Arnau Vives, J. Rueda Soriano, J. Osca Asensi, J. Estornell Eril, L. Caballero Jimenez, V. Climent Paya, F. Sogorb Garri, A; Salvador Sanz *(Valencia, S; Alicante, S)*

P57 Iatrogenic left coronar artery fistulas after surgical myectomy in hypertrophic obstructive cardiomyopathy: perfalence, echocardiographic features, clinical relevance and management
A. Sgalambro, I. Olivotto, S. Nistri, M. Baldi, F. Cecchi, P. Stefano, M. Yacoub, D. Antoniucci *(Florence, I)*

P58 The role of edicardium-derived cells in the development of non-compaction Cardiomyopathy
H. Lie-Venema, M.M. Bartelings, A.C. gittenberger-de Groot *(Leiden, The Netherlands)*

P59 Clinical and molecular characterization of HCM in Egypt: early results of the BA-HCM National Study
M. Saber-Ayad, H.Sh. Kassem, H. Farza, I. Olivotto, F. Cecchi, M. Yacoub and the BA HCM Consortium *(Cairo, Egypt; Alexandria, Egypt; Oxford, UK; Florence, Italy, London, UK)*

P60 Improving survival rates in the "Florence Registry of Idiopathic Dilated Cardiomyopathies" impact of evidence-based treatment over the last 30 years
G. Castelli, M. Ciaccheri, I. Olivotto, F. Cecchi *(Florence, I)*