**2001**

PS1-PS19 Plenary Sessions

S01-S60 Concurrent Symposia

C01-C108 Concurrent Sessions

**Posters**

Cancer Genetics P0001 — P0151

Cancer Cytogenetics P0152 — P0206

Cytogenetics P0207 — P0333

Clinical Genetics and Dysmorphology P0334 — P0593

Prenatal and Perinatal Genetics P0594 — P0704

Gene Structure and Function P0705 — P0796

Genetic Counseling and Genetic Education P0797 — P0825

Genetic Epidemiology and Population Genetics P0826 — P1013

Genetic Services, Genetic Screening, and Public Policy P1014 — P1113

Genomics and Bioinformatics P1114 — P1167

Biochemical Basis of Genetic Disease P1168 — P1227

Linkage Mapping and Polymorphism P1228 — P1311

Analysis of Disorders and Traits with Complex Inheritance P1312 — P1427

Molecular Basis of Mendelian Disorders P1428 — P1636

Therapy for Genetic Disorders P1637 — P1646

Development, Differentiation and Morphogenesis P1647 — P1666

Comparative Genetics P1667 — P1677

**2002 (includes EMPAG)**

PS = Plenary Sessions

S= Concurrent Symposia

C= Concurrent Sessions

E-PS = EMPAG Plenary Sessions

E-C = EMPAG Concurrent Sessions

E-P = EMPAG Poster Session

**Poster Topics**

P1 Analysis of Disorders and Traits with Complex Inheritance P0001 - P0044

P2 Cancer Genetics P0045 - P0175

P3 Clinical Genetics and Dysmorphology P0176 - P0285

P4 Cystic Fibrosis, Familial Mediterranean Fever P0286 - P0314

P5 Cytogenetics P0315 - P0424

P6 Diabetes P0425 - P0431

P7 Gene Structure and Function P0432 - P0461

P8 Genetic Counselling and Genetic Education P0462 - P0478

P9 Genetic Epidemiology and Population Genetics P0479 - P0542

P10 Genetic Services, Genetic Screening, and Public Policy P0543 - P0586

P11 Genomics and Bioinformatics P0587 - P0603

P12 Globins P0604 - P0617

P13 Inborn Errors of Metabolism and Biochemical Genetics P0618 - P0657

P14 Linkage Mapping and Polymorphism P0658 - P0685

P15 Mental Retardation P0686 - P0759

P16 Molecular Basis of Development P0760 - P0765

P17 Molecular Basis of Mendelian Disorders P0766 - P0850

P 18 Muscle Diseases P0851 - P0884

P19 Neurogenetics P0885 - P0941

P20 Prenatal and Perinatal Genetics P0942 - P0999

P21 Sensory Genetics P1000 - P1026

P22 Techniques for Mutation Detection P1027 - P1061

P23 Therapy for Genetic Disorders P1062 - P1069

P24 Y chromosome, Infertility P1070 - P1086

**2003**

PL = Plenary Sessions

S= Concurrent Symposia

C= Concurrent Sessions

**Poster Topics**

P01. Cancer Genetics P001-P133

P02. Clinical Genetics and Dysmorphology P134-P262

P03. Cytogenetics P263-P379

P04. Prenatal and Perinatal Genetics P380-P424

P05. Genetic Counselling and Genetic Education P425-P448

P06. Genetic Services, Genetic Screening, and Public Policy P449-P491

P07. Inborn Errors of Metabolism and Biochemical Genetics P492-P523

P08. Therapy for Genetic Disorders P524-P537

P09. Gene Structure and Function P538-P562

P10. Genomics and Bioinformatics P563-P590

P11. Molecular Basis of Mendelian Disorders P591-P739

P12. Linkage Mapping and Polymorphism P740-P761

P13. Analysis of Disorders and Traits with Complex Inheritance P762-P836

P14. Genetic Epidemiology and Population Genetics P837-P913

**2004**

L = Plenary lectures

S = Symposia

C= Concurrent Symposia

P= Poster

EL = EMPAG Plenary lectures

EW = EMPAG workshops

EP = EMPAG Posters

ESHG poster topics

Clinical genetics P0001 – P0169

Cytogenetics P0170 – P0375

Cancer genetics P0376 – P0540

Molecular and biochemical basis of disease, and molecular diagnostics P0541 – P0853

Genetic analysis, linkage, and association P0854 – P0991

Normal variation, population genetics, genetic epidemiology P0992 – P1050

Genomics, technology, gene function, bioinformatics P1051 – P1156

Genetic counselling, education, genetic services, and public policy P1157 – P1205

Therapy for genetic disease P1206 – P1218

EMPAG poster topics

Genetic risk perception EP01 – EP05

Regional/cultural differences in genetic counselling EP06 – EP07

Models of genetic service delivery EP08 – EP11

Family issues and impact of genetic disease EP12 – EP25

Reproductive decision making, Prenatal testing and Preimplantation, Genetic Diagnosis EP26 – EP31

Approaches and impact of predictive testing EP32 – EP37

Genetics counselling process EP38 – EP41

Other relevant psychological and social topics in genetics EP42 – EP56

**2005**

PL = Plenary Sessions

S= Concurrent Symposia

C= Concurrent Sessions

P= Poster

Po01. Clinical genetics P0001 - P0280

Po02. Cytogenetics P0281 - P0413

Po03. Prenatal diagnosis P0414 - P0491

Po04. Cancer genetics P0492 - P0616

Po05. Molecular and biochemical basis of disease, and molecular diagnostics P0617 - P1000

Po06. Genetic analysis, linkage, and association P1001 - P1182

Po07. Normal variation, population genetics, genetic epidemiology P1183 - P1269

Po08. Genomics, technology, gene function, bioinformatics P1270 - P1340

Po09. Genetic counselling, education, genetic services, and public policy P1341 - P1397

Po10. Therapy for genetic disease P1398 - P1407

**2006**

PL = Plenary Sessions

S= Concurrent Symposia

C= Concurrent Sessions

P= Poster

EPL = EMPAG Plenary Session

EW = EMPAG workshops

ESHG Poster Topics

Po01 Clinical genetics P0001 - P0296

Po02 Cytogenetics P0297 - P0428

Po03 Prenatal diagnosis P0429 - P0493

Po04 Cancer genetics P0494 - P0610

Po05 Molecular and biochemical basis of disease P0611 - P0842

Po06 Genetic analysis, linkage, and association P0843 - P1077

Po07 Normal variation, population genetics, genetic epidemiology P1078 - P1165

Po08 Genomics, technology, bioinformatics P1166 - P1232

Po09 Genetic counselling, education, genetic services, and public policy P1233 - P1284

Po10 Therapy for genetic disease P1285 - P1295

EMPAG Poster Sessions

EPo1 Reproductive decision making EP01 - EP12

EPo2 Communication EP13 - EP17

EPo3 Counselling strategies and process EP18 - EP30

EPo4 Predictive testing EP31 - EP43

EPo5 Beliefs and cultural aspects EP44 - EP50

EPo6 Living with a genetic disease EP51 - EP65

EPo7 Common disease EP66 - EP72

**2007**

PL = Plenary Sessions

S= Concurrent Symposia

C= Concurrent Sessions

P= Poster

Posters

Po01 Clinical genetics - P0001 - P0279

Po02 Cytogenetics - P0280 - P0428a

Po03 Prenatal diagnosis - P0429 - P0489

Po04 Cancer genetics - P0490 - P0628

Po05 Molecular and biochemical basis of disease - P0629 - P0890

Po06 Genetic analysis, linkage, and association - P0892 - P1125

Po07 Normal variation, population genetics, genetic epidemiology - P1126 - P1224

Po08 Genomics, technology, bioinformatics - P1225 - P1304

Po09 Genetic counselling, education, genetic services, and public policy - P1305 - P1396

Po10 Therapy for genetic disease - P1397 - P1413

2008

ESHG Spoken Presentations

Plenary Lectures PL1.1–PL4.1

Concurrent Symposia S01.1–S15.3

Concurrent Sessions C01.1–C15.5

ESHG Posters

P01. Clinical genetics P01.001–P01.370

P02. Cytogenetics P02.001–P02.242

P03. Prenatal diagnosis P03.01–P03.77

P04. Cancer genetics P04.001–P04.207

P05. Molecular and biochemical basis of disease P05.001–P05.216

P06. Genetic analysis, linkage, and association P06.001–P06.326

P07. Normal variation, population genetics, genetic epidemiology P07.001–P07.139

P08. Genomics, technology, bioinformatics P08.01–P08.87

P09. Genetic counselling, education, genetic services, and public policy P09.01–P09.73

P10. Therapy for genetic disease P10.01–P10.28

EMPAG Spoken Presentations

Plenary Lectures EPL1.1–EPL6.5

Workshops EW1.1–EW4.1

EMPAG Posters

EP01. Reproductive issues in genetics EP01.01–EP01.11

EP02. Genetic risk and testing: impact on men EP02.1

EP03. Genetic risk and testing: carriers of x-linked conditions EP03.1

EP04. Genetic conditions: impact on significant others EP04.1

EP05. Access to genetic services (challenges in Europe) EP05.1–EP05.4

EP06. Lay beliefs and public understanding of genetics EP06.1–EP06.4

EP07. Disclosure of test results (professionals/patients/families/third parties) EP07.1–EP07.4

EP08. Predictive testing: process and impact EP08.1–EP08.8

EP09. Predisposition to common diseases: genetic testing and preventive behaviour EP09.1–EP09.2

EP10. Genetic counselling: communicating genetic information EP10.01–EP10.24

EP11. Strategies to facilitate decision making in genetics EP11.1–EP11.2

EP12. Family dynamics and genetic conditions EP12.1–EP12.3

EP13. Living with genetic disease EP13.1–EP13.8

EP14. Other relevant psychological and social topics in genetics EP14.01–EP14.23

**2009**

Spoken Presentations

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Concurrent Symposia.........................................................................................................S01.1 – S15.3...................5

Concurrent Sessions......................................................................................................... C01.1 – C18.6.................15

Posters

P01. Genetic counseling, including Psychosocial aspects, Genetics education,

Genetic services, and Public policy.........................................................................P01.01 – P01.49...............43

P02. Clinical genetics and Dysmorphology....................................................................P02.001 – P02.203.............54

P03. Cytogenetics..........................................................................................................P03.001 – P03.202...........101

P04. Reproductive genetics.............................................................................................P04.01 – P04.33.............145

P05. Prenatal and perinatal genetics...............................................................................P05.01 – P05.62.............152

P06. Cancer genetics.....................................................................................................P06.001 – P06.208...........166

P07. Cancer cytogenetics................................................................................................P07.01 – P07.12.............213

P08. Statistical genetics, includes Mapping, linkage and association methods...............P08.01 – P08.67.............216

P09. Complex traits and polygenic disorders.................................................................P09.001 – P09.130...........231

P10. Evolutionary and population genetics, and Genetic epidemiology...........................P10.01 – P10.90.............262

P11. Genomics, Genomic technology including bioinformatics methods,

gene structure and gene product function and Epigenetics...................................P11.001 – P11.126 ..........281

P12. Molecular basis of Mendelian disorders.................................................................P12.001 – P12.169...........308

P13. Metabolic disorders..................................................................................................P13.01 – P13.49.............347

P14. Therapy for genetic disorders..................................................................................P14.01 – P14.23.............359

P15. Laboratory and quality management.......................................................................P15.01 – P15.14.............364

P16. Molecular and biochemical basis of disease............................................................P16.01 – P16.54.............368

P17. Genetic analysis, linkage ans association...............................................................P17.01 – P17.71.............380

**2010**

ESHG Spoken Presentations

Plenary Lectures.............................................................................................................................PL1.1– PL5.1............................ 4

Concurrent Symposia......................................................................................................................S01.1 – S15.3........................... 7

Educational Sessions......................................................................................................................ES1.1 – ES8.2........................ 16

Concurrent Sessions.......................................................................................................................C01.1 – C16.6........................ 18

ESHG Posters

P01. Genetic counseling, including Psychosocial aspects, Genetics education,

Genetic services, and Public policy.................................................................................................P01.01 – P01.68..................... 43

P02. Clinical genetics and Dysmorphology.....................................................................................P02.001 – P02.203................. 58

P03. Cytogenetics...........................................................................................................................P03.001 – P03.136............... 103

P04. Reproductive genetics............................................................................................................P04.01 – P04.44................... 134

P05. Prenatal and perinatal genetics..............................................................................................P05.01 – P05.70................... 144

P06. Cancer genetics......................................................................................................................P06.001 – P06.158............... 160

P07. Cancer cytogenetics...............................................................................................................P07.01 – P07.27................... 195

P08. Statistical genetics, includes Mapping, linkage and association methods..............................P08.01 – P08.58................... 201

P09. Complex traits and polygenic disorders..................................................................................P09.001 – P09.142............... 215

P10. Evolutionary and population genetics, and Genetic epidemiology..........................................P10.01 – P10.64................... 252

P11. Genomics, Genomic technology including bioinformatics methods, gene

structure and gene product function and Epigenetics.....................................................................P11.001 – P11.142............... 269

P12. Molecular basis of Mendelian disorders..................................................................................P12.001 – P12.223............... 300

P13. Metabolic disorders.................................................................................................................P13.01 – P13.57................... 350

P14. Therapy for genetic disorders.................................................................................................P14.01 – P14.18................... 362

P15. Laboratory and quality management......................................................................................P15.01 – P15.16................... 366

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EP03. Risk perception and genetic testing......................................................................................EP03.01 – EP03.03.............. 385

EP04. Access to genetic services (challenges in Europe) ..............................................................EP04.01 – EP04.04.............. 386

EP05. Lay beliefs and public understanding of genetics.................................................................EP05.01 – EP05.03.............. 387

EP06. Predictive testing: process and impact.................................................................................EP06.01 – EP06.03.............. 387

EP07. Psycho-social issues in cancer genetics..............................................................................EP07.01 – EP07.06.............. 388

EP08. Psychosocial issues in cardiac genetics...............................................................................EP08.01 – EP08.02.............. 389

EP09. Predisposition to common diseases: genetic testing and preventive behaviour..................EP09.01 – EP09.02.............. 390

EP10. Genetic counselling: communicating genetic information.....................................................EP10.01 – EP10.10.............. 390

EP11. Strategies to facilitate decision making in genetics...............................................................EP11.01 – EP11.02.............. 393

EP12. Family dynamics and genetic conditions..............................................................................EP12.01 – EP12.07.............. 393

EP13. Living with genetic disease...................................................................................................EP13.01 – EP13.05.............. 395

EP14. Evaluation of psycho-social interventions in genetics..........................................................EP14.01................................ 396

EP15. Other relevant psychological and social topics in genetics..................................................EP15.01 – EP15.10.............. 396

**2011**

Spoken Presentations

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Concurrent Symposia......................................................................................................S01.1 – S16.3......................9

Educational Sessions..................................................................................................... ES1.1 – ES9.2....................18

Concurrent Sessions.......................................................................................................C01.1 – C17.6....................22

Posters

P01. Genetic counseling, including Psychosocial aspects, Genetics education,

Genetic services, and Public policy......................................................................P01.01 – P01.84.................. 49

P02. Clinical genetics and Dysmorphology.................................................................P02.001 – P02.253................ 68

P03. Cytogenetics.......................................................................................................P03.001 – P03.100.............. 130

P04. Reproductive genetics..........................................................................................P04.01 – P04.59................ 159

P05. Prenatal and perinatal genetics............................................................................P05.01 – P05.56................ 174

P06. Cancer genetics..................................................................................................P06.001 – P06.211............... 188

P07. Cancer cytogenetics.............................................................................................P07.01 – P07.28................ 239

P08. Statistical genetics, includes Mapping, linkage and association methods............P08.01 – P08.75................ 247

P09. Complex traits and polygenic disorders..............................................................P09.001 – P09.235.............. 265

P10. Evolutionary and population genetics, and Genetic epidemiology........................P10.01 – P10.82................ 327

P11. Genomics, Genomic technology including bioinformatics methods, gene

structure and gene product function and Epigenetics.........................................P11.001 – P11.159............... 347

P12. Molecular basis of Mendelian disorders..............................................................P12.001 – P12.253.............. 387

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P14. Therapy for genetic disorders...............................................................................P14.01 – P14.22................ 475

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**2012**

ESHG Spoken Presentations

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Educational Sessions.........................................................................................................ES1.1 – ES8.2..................... 14

Concurrent Sessions..........................................................................................................C01.1 – C18.6..................... 16

ESHG Posters

P01. Genetic counseling, including Psychosocial aspects, Genetics education,

Genetic services, and Public policy..................................................................................P01.01 – P01.37................... 43

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P03. Cytogenetics..........................................................................................................P03.001 – P03.145................ 105

P04. Reproductive genetics.............................................................................................P04.01 – P04.58.................. 133

P05. Prenatal and perinatal genetics...............................................................................P05.01 – P05.70.................. 143

P06. Cancer genetics.....................................................................................................P06.001 – P06.218................ 157

P07. Cancer cytogenetics................................................................................................P07.01 – P07.34.................. 201

P08. Statistical genetics, includes Mapping, linkage and association methods...............P08.01 – P08.45.................. 208

P09. Complex traits and polygenic disorders.................................................................P09.001 – P09.142................ 218

P10. Evolutionary and population genetics, and Genetic epidemiology...........................P10.01 – P10.59.................. 248

P11. Genomics, Genomic technology including bioinformatics methods, gene

structure and gene product function and Epigenetics.................................................... P11.001 – P11.142................. 261

P12. Molecular basis of Mendelian disorders.................................................................P12.001 – P12.265................ 289

P13. Metabolic disorders..................................................................................................P13.01 – P13.50.................. 342

P14. Therapy for genetic disorders..................................................................................P14.01 – P14.23.................. 352

P15. Laboratory and quality management.......................................................................P15.01 – P15.15.................. 357

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EP2 Communicating genetic information..............................................................................EP2.01-07....................... 427

EP3 Reproductive decision making.......................................................................................EP3.01-02....................... 429

EP4 Living with genetic disease........................................................................................... EP4.01-03....................... 429

EP5 Psychosocial issues in cancer genetics........................................................................EP5.01-12....................... 430

EP6 Education and professional development......................................................................EP6.01-08....................... 433

EP7 Access to genetic services............................................................................................EP7.01-03....................... 434

EP8 Ethical issues.................................................................................................................EP8.01-06....................... 435

**2013**

Spoken Presentations

Plenary Lectures................................................................................................................PL1.1 – PL5.1...................... 4

Concurrent Symposia.........................................................................................................S01.1 – S16.3...................... 7

Educational Sessions.........................................................................................................ES1.1 – ES9.2..................... 15

Concurrent Sessions..........................................................................................................C01.1 – C20.6..................... 19

Posters

P01 Skeletal, connective tissue, vascular, ectodermal and skin disorders....................... P01.001 – 138..................... 53

P02 Multiple Malformation/anomalies syndromes............................................................ P02.001 – 139..................... 85

P03 Sensory disorders (Eye, ear, pain) .............................................................................. P03.01 – 48..................... 119

P04 Internal organs and endocrinology (heart, kidney, liver, gastrointestinal) .................... P04.01 – 97..................... 131

P05 Intellectual Disability.................................................................................................. P05.001 – 145................... 156

P06 Psychiatric disorders................................................................................................... P06.01 – 49..................... 191

P07 Neuromuscular disorders............................................................................................ P07.01 – 42..................... 203

P08 Neurodegenerative disorders...................................................................................... P08.01 – 99..................... 213

P09 Immunology................................................................................................................. P09.01 – 25..................... 237

P10 Metabolic and mitochondrial disorders........................................................................ P10.01 – 85..................... 243

P11 Cancer genetics......................................................................................................... P11.001 – 244................... 265

P12 Technical aspects and quality control.......................................................................... P12.01 – 33..................... 323

P13 New diagnostic approaches (NGS screening) in heterogeneous disorders................ P13.01 – 94..................... 331

P14 New techniques / concepts.......................................................................................... P14.01 – 37..................... 354

P15 Omics/Bioinformatics/Epigenetics............................................................................... P15.01 – 76..................... 362

P16 Genetic epidemiology/Population genetics/Statistical methodology.......................... P16.001 – 114................... 379

P17 Evolutionary genetics.................................................................................................... P17.1 – 6....................... 406

P18 Genetic counselling/Education/public services............................................................ P18.01 – 88..................... 407

P19 Reproductive Genetics / Prenatal Genetics................................................................. P19.01 – 90..................... 427

P20 Basic mechanisms in molecular and cytogenetics...................................................... P20.01 – 63..................... 449

**2014**

Spoken Presentations

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Concurrent Symposia.........................................................................................................S01.1 – S19.3...................... 7

Educational Sessions.........................................................................................................ES1.1 – ES8.2..................... 15

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P05. Cardiovascular disorders..............................................................................................P05.01-67....................... 112

P06. Metabolic and mitochondrial disorders.........................................................................P06.01-61....................... 127

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P08. Intellectual Disability.....................................................................................................P08.01-81....................... 148

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P13. Basic mechanisms in molecular and cytogenetics.......................................................P13.01-49....................... 266

P14. New diagnostic approaches, technical aspects & quality control.................................P14.01-97....................... 276

P15. Personalized/Predictive Medicine and Pharmacogenomics.........................................P15.01-39....................... 296

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P17. Genetic epidemiology/Population genetics/Statistical methodology

and evolutionary genetics.....................................................................................................P17.01-95....................... 320

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**2015**

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Educational Sessions.........................................................................................................ES1.1 – ES9.2..................... 14

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P03. Internal Organs & Endocrinology (Lung, Kidney, Liver, Gastrointestinal) ....................P03.01-41......................... 85

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P05. Cardiovascular Disorders.............................................................................................P05.01-85........................111

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P07. Immunology and Hematopoetic System......................................................................P07.01-25....................... 145

P08. Intellectual Disability....................................................................................................P08.01-73....................... 151

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P10. Neuromuscular Disorders............................................................................................P10.01-40....................... 196

P11. Multiple Malformation/Anomalies Syndromes............................................................P11.001-138..................... 205

P12. Cancer Genetics........................................................................................................P12.001-146..................... 236

P13. Basic Mechanisms In Molecular and Cytogenetics......................................................P13.01-41....................... 267

P14. New Diagnostic Approaches, Technical Aspects & Quality Control...........................P14.001-110..................... 275

P15. Personalized/Predictive Medicine and Pharmacogenomics........................................P15.01-36....................... 298

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P18. Genetic Epidemiology/Population Genetics/Statistical Methodology and

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Educational Sessions...........................................................................................................E1.1 – E8.2....................... 14

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P07. Immunology and Hematopoetic System......................................................................P07.01-30....................... 149

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P13. Basic Mechanisms In Molecular and Cytogenetics......................................................P13.01-49....................... 301

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P17. Epigenetics and Gene Regulation................................................................................P17.01-51....................... 359

P18. Genetic Epidemiology/Population Genetics/Statistical Methodology and

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P19 Genetic Counselling/Education/Public Services..........................................................P19.01-53....................... 391

P20. Psychological/Ethical/Legal Issues..............................................................................P20.01-25....................... 402

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EPL= EMPAG Plenary Lectures

EMP = EMPAG posters

**2017**

ORAL PRESENTATIONS

Plenary Sessions

PL1 50 years of ESHG

PL2 What's New? Highlights Session

PL3 "ESHG-ASHG Building Bridges Debate: Ethical and Legal Discussions—Past, Present & Future"

PL4 Mendel Lecture

PL5 ESHG Award Lecture

Concurrent Symposia

S01 Single cell studies: From technology to biology

S02 "One gene, many phenotypes"

S03 Novel Treatment Options

S04 From Association to Causality in complex diseases

S05 3D genome architecture: non-coding variants and human disease

S06 Treatment-Focused Genetic Testing in Cancer

S07 Still the golden age of chromosomes

S08 New technologies in Neurogenetics

S09 Explaining phenotypic variability

S10 Population and evolutionary genetics

S11 Cancer immunogenetics

S12 Genetics and Microbiome

S13 Next generation clinical genetics

S14 Organoid models: The Maxi Impact Of Mini Organs

S15 ESHG / ESC JOINT Symposium: Polygenic Cardiovascular traits

S16 Autophagy in health and disease

Educational Sessions

E01 "Sequencing, Sponsored by Illumina"

E02 CRISPR/Cas9 genome editing to model disease

E03 50 Shades of Cancer Genetics

E04 Channelopathies

E05 Imprinting-related disorders

E06 Bioethics for 'dummies'

E07 Pharmacogenomics in the clinic

E08 Multi-omics data integration

E09 Phakomatosis Update

E10 Whole-genome haplotyping methods for human embryo selection

E11 Strategies to avoid sudden cardiac death

E12 The evolution of genetic counseling: Lessons learned from psychotherapy

E13 Network Medicine

Concurrent Sessions

C01 Personalized Medicine and Pharmacogenomics

C02 Neurogenetics 1

C03 Best Posters Session

C04 Epigenetics and Gene Regulation

C05 Skin and Bones

C06 ELSI genomics

C07 Novel genomics technologies

C08 Neuromuscular Disorders

C09 Molecular Mechanisms of Disease

C10 GWAS: Resolving Missing Causality

C11 Sensory disorders

C12 Engaging Patients in Genomics

C13 Innovative Variant Interpretation

C14 Population Genetics and Ancient DNA

C15 Reproductive Genetics

C16 Intellectual Disability

C17 Hereditary Cancer

C18 Internal organs

C19 Diagnostic variant interpretation and quality control

C20 Molecular syndromology

C21 Cardiovascular disorders

C22 Systems Genetics

C23 Neurogenetics 2

POSTERS

      P01 Reproductive Genetics/Prenatal Genetics

P02 "Sensory disorders (eye, ear, pain)"

P03 "Internal organs & endocrinology (lung, kidney, liver, gastrointestinal)"

P04 "Skeletal, connective tissue, ectodermal and skin disorders"

P05 Cardiovascular disorders

P06 Metabolic and mitochondrial disorders

P07 Immunology and hematopoietic system

P08 Intellectual Disability

P09 Neurogenetic and psychiatric disorders

P10 Neuromuscular disorders

P11 Multiple Malformation/anomalies syndromes

P12 Cancer genetics

P13 Basic mechanisms in molecular and cytogenetics

P14 "New diagnostic approaches, technical aspects & quality control"

P15 Personalized/Predictive Medicine and Pharmacogenomics

P16 Omics/Bioinformatics

P17 Epigenetics and Gene Regulation

P18 Genetic epidemiology/Population genetics/Statistical methodology and evolutionary genetics

P19 Genetic counselling/Education/public services

P20 Psychological/Ethical/legal issues

ELECTRONIC POSTERS

E-P01 Reproductive Genetics/Prenatal Genetics

E-P02 "Sensory disorders (eye, ear, pain)"

E-P03 "Internal organs & endocrinology (lung, kidney, liver, gastrointestinal)"

E-P04 "Skeletal, connective tissue, ectodermal and skin disorders"

E-P05 Cardiovascular disorders

E-P06 Metabolic and mitochondrial disorders

E-P07 Immunology and hematopoietic system

E-P08 Intellectual Disability

E-P09 Neurogenetic and psychiatric disorders

E-P10 Neuromuscular disorders

E-P11 Multiple Malformation/anomalies syndromes

E-P12 Cancer genetics

E-P13 Basic mechanisms in molecular and cytogenetics

E-P14 "New diagnostic approaches, technical aspects & quality control"

E-P15 Personalized/Predictive Medicine and Pharmacogenomics

E-P16 Omics/Bioinformatics

E-P17 Epigenetics and Gene Regulation

E-P18 Genetic epidemiology/Population genetics/Statistical methodology and evolutionary genetics

E-P19 Genetic counselling/Education/public services

E-P20 Psychological/Ethical/legal issues

**2018**

Plenary Sessions

PL1 Opening plenary lecture (PL1.1-PL1.2)

PL2 What’s New (PL2.1-2.6, LB1-LB3)

PL3 Mendel Lecture (PL3.1)

Concurrent Symposia

S01 Prenatal Genetics-joint with EMPAG (S01.1-S01.3)

S02 DNA damage and repair in cancer (S02.1-S02.2)

S03 Genome Organization and Function (S03.2)

S04 Genetics of dizziness (S04.2-S04.3)

S05 Large-scale genetic studies in complex diseases (S05.2-S05.3)

S06 Liquid biopsies in cancer (S06.3)

S07 Drug repurposing for treating genetic disorders (S07.1-S07.2)

S08 Microbiome and Virome (S08.1)

S09 New Genomic Technologies (S09.1-S09.3)

S11 Epigenetics of the brain (S11.1-S11.3)

S12 Retinal diseases (S12.1-S12.3)

S13 Genome editing (S13.1, S13.3)

S14 Cellular heterogeneity in health and disease (S14.2-S14.3)

S15 Understanding non-coding variants (S15.2)

S16 Human epigenome dynamics (S16.1-S16.3)

S17 ESHG-ASHG Building Bridges Debate: Germline genome editing-joint with EMPAG (S17.1-S17.2, S17.4)

S18 Regulatory sequence functions and elements (S18.1-S18.3)

S19 New nanotechnologies: the DNA Origami (S19.2)

Educational Sessions

E02 Hereditary cancer (E02.1-E2.2)

E03 Resources for gene function analysis (E03.1-E3.2)

E04 Pharmacogenomics (E04.1-E4.2)

E05 Bone Density: High and Low (E05.1)

E06 Statistics in Genetic Research and Diagnostics (E06.1-E06.2)

E07 Organoids (E07.1-E07.2)

E08 Congenital vasculopathies (E08.1-E08.2)

E09 Iron in the brain-joint session with the European Society of Neurology (E09.2)

E10 Genetics of infertility (E10.1)

E12 Undiagnosed disease and matchmaking initiatives (E12.2)

E13 Brain abnormalities in fetal life (E13.1-E13.2)

E15 Disorders of sexual development (E15.1-E15.2)

E16 Genetics with a Bite (E16.1-E16.2)

Concurrent Sessions

C01 Precision and Predictive Medicine (C01.1-C01.6)

C02 Syndrome updates 1 (C02.1-C02.6)

C03 Multi-omics 1 (C03.1-C03.6)

C04 Epigenetics and Gene Regulation (C04.1-C04.6)

C05 Neurological and Neuromuscular Disorders (C05.1-C05.6)

C06 Internal Organs (C06.1-C06.6)

C07 NGS diagnostics (C07.1-C07.6)

C08 Population Genetics (C08.1-C08.6)

C09 Mendelian chromatin disorders (C09.1-C09.6)

C10 Best Posters 1 (P15.05A, P15.27C, P15.03C, P15.11C, P15.41A, P17.06B, P11.017A, P17.58B, P17.22B, P18.34B, P18.12D, P18.25A, P18.48D, P18.77A)

C11 Metabolic and Mitochondrial Disorder (C11.1-C11.6)

C12 Skin and Bones (C12.1-C12.6)

C13 Prenatal and Reproductive Genetics (C13.1-C13.6)

C14 Cancer genetics (C14.1-C14.6)

C15 Syndrome updates 2 (C15.1-C15.6)

C16 Multi-omics 2 (C16.1-C16.6)

C17 Intellectual disability 1 (C17.1-C17.6)

C18 Cardiovascular disorders (C18.1-C18.6)

C19 Advanced sequencing technologies (C19.1-C19.6)

C20 Intellectual Disability 2 (C20.1-C20.6)

C21 Statistical Genetics (C21.1-C21.6)

C22 Best Posters 2 (P02.48C, P04.05A, P06.64D, P06.72D, P06.35C. P06.36D, P09.001A, P09.98B, P09.139C, P12.214B, P19.24D, P20.05A, P16.40D)

C23 Sensory disorders (C23.1-C23.6)

Abstracts from the 51st European Society of Human Genetics Conference: Posters

P01 Reproductive Genetics/Prenatal Genetics (P01.01A-P01.98B)

P02 Sensory disorders (eye, ear, pain) (P02.02A-P02.60C)

P03 Internal organs & endocrinology (lung, kidney, liver, gastrointestinal) (P03.01D-P03.46A)

P04 Skeletal, connective tissue, ectodermal and skin disorders (P04.01A-P04.91C)

P05 Cardiovascular disorders (P05.01A-P05.74B)

P06 Metabolic and mitochondrial disorders (P06.01A-P06.74B)

P07 Immunology and hematopoietic system (P07.01A-P07.18B)

P08 Intellectual Disability (P08.01A-P08.78B)

P09 Neurogenetic and psychiatric disorders (P09.001A-P09.156D)

P10 Neuromuscular disorders (P10.01A-P10.55C)

P11 Multiple Malformation/anomalies syndromes (P11.001A -P11.103C)

P12 Cancer genetics (P12.001A-P12.216D)

P13 Basic mechanisms in molecular and cytogenetics (P13.01A-P13.33A)

P14 New diagnostic approaches, technical aspects & quality control (P14.001A – P14.107C)

P15 Personalized/Predictive Medicine and Pharmacogenomics (P15.01A-P15.50B)

P16 Omics/Bioinformatics (P16.01A-P16.79C)

P17 Epigenetics and Gene Regulation (P18.02B-P18.79C)

P18 Genetic epidemiology/Population genetics/Statistical methodology and evolutionary genetics (P18.02B-P18.79C)

P19 Genetic counselling/Education/public services (P19.01A-P19.43C)

P20 Psychological/Ethical/legal issues (P20.02B-P20.16D)

Abstracts from the 51st European Society of Human Genetics Conference: E-Posters

E-P01 Reproductive Genetics/Prenatal Genetics (E-P01.01-E-P01.57)

E-P02 Sensory disorders (eye, ear, pain) (E-P02.01-E-P02.17)

E-P03 Internal organs & endocrinology (lung, kidney, liver, gastrointestinal) (E-P03.01-E-P03.41)

E-P04 Skeletal, connective tissue, ectodermal and skin disorders (E-P04.02-E-P04.18)

E-P05 Cardiovascular disorders (E-P05.01-E-P05.32)

E-P06 Metabolic and mitochondrial disorders (E-P06.01-E-P06.17)

E-P07 Immunology and hematopoietic system (E-P07.01- E-P07.16)

E-P08 Intellectual Disability (E-P08.01- E-P08.37)

E-P09 Neurogenetic and psychiatric disorders (E-P09.01- E-P09.45)

E-P10 Neuromuscular disorders (E-P10.01- E-P10.11)

E-P11 Multiple Malformation/anomalies syndromes (E-P11.01- E-P11.90)

E-P12 Cancer genetics (E-P12.10- E-P12.43)

E-P13 Basic mechanisms in molecular and cytogenetics (E-P13.02- E-P13.17)

E-P14 New diagnostic approaches, technical aspects & quality control (E-P14.01- E-P14.10)

E-P15 Personalized/Predictive Medicine and Pharmacogenomics (E-P15.03- E-P15.06)

E-P16 Omics/Bioinformatics (E-P16.01- E-P16.13)

E-P17 Epigenetics and Gene Regulation (E-P17.01- E-P17.02)

E-P18 Genetic epidemiology/Population genetics/Statistical methodology and evolutionary genetics (E-P18.01- E-P18.16)

E-P19 Genetic counselling/Education/public services (E-P19.01- E-P19.04)

Abstracts from the 2018 European Meeting on Psychosocial Aspects of Genetics

Oral Presentations

EBPL1 Hopes and expectations on genome editing (EBPL1.1- EBPL1.4)

EBPL2 The Legal Side of Genomic Care (EBPL2.1- EBPL2.4)

EPL1 Ensuring good clinical practice in whole genome sequencing (EPL1.1- EPL1.6)

EPL2 Improving communication in genetic counselling (EPL2.1- EPL2.6)

EPL3 Educating Professionals and Public (EPL3.1- EPL3.6)

EPL4 What’s New in Hereditary Cancer (EPL4.1- EPL4.6)

EPL5 To know or not to know (EPL5.1- EPL5.6)

EPL6 Perinatal decision-making (EPL6.1- EPL6.6)

ES1 Communication of genetic information with and within families (ES1.1)

Posters Presentations (EMP1.01.A-EMP1.79C)

**2019**

Sections

Plenary Sessions PL1 Opening Plenary Lectures

PL2 What’s New?

PL3 Mendel Award Lecture

PL4 ESHG Award Lecture

Concurrent Symposia

S02 Finding the strengths that make cancer cells weak

S03 RNA mis-splicing dynamics, diagnosis and treatment

S04 An update on kidney research

S05 Genome editing

S06 Thank you for the Variant (a personal utility tale)

S07 Polygenic risk scores coming of age

S08 Beware of the transposons

S09 Multidimensional nuclear organization

S10 From genome wide association study to mechanisms: fine-mapping

S11 De novo developments in epilepsia

S12 Congenital disorders of glycosylation

S13 Understanding mutations to detect cancer

S14 Debate: Genomics and the Media

S15 Regulatory Landscapes

S16 Methods for genetic epidemiology

S17 ESHG-ASHG Debate: Global collaboration to advance the use of genomics in health

S18 Our genetic history and its phenotypic consequences

S19 Treating rare genetic disease

S20 Epigenetics and early development

Educational Sessions

E01 New technologies (Sponsored by Illumina)

E02 Epigenetics and cancer

E03 Bridging genomic discoveries and personalized medicine

E04 Gene Expression Resources

E05 The longer the better? Third generation sequencing technologies

E06 Pharmacogenomic testing for personalized medicine

E07 Single-cell transcriptomics in the brain

E08 Chromosome Y loss and the ageing genome

E09 Variant interpretation and high-throughput functional assays

E10 Meiosis: factory of genetic variation

E11 Genome First Testing in Pediatrics

E12 Oligogenic inheritance

E13 Genetic innovations in reproductive medicine

Concurrent Sessions

C01 Novel diagnostic approaches

C02 3D gene regulation

C03 Neurogenetic and psychiatric disorders

C04 Fertility

C05 Developmental disorders 1

C06 Cellular dysfunctions

C07 Gene editing and reproduction

C08 Prenatal Genetics

C09 Cancer genetics

C10 Cardiovascular disorders

C11 Statistical and population genetics

C12 Intellectual Disability

C13 Pharmacogenomics

C14 Genetic counselling developments

C16 Personalized and predictive medicine

C17 Genetic mechanisms in cancer

C18 Therapies

C19 From genome architecture to RNA biology

C20 Neuromuscular and neurodegenerative disorders

C21 Internal organs

C22 Ethical, policy and psychosocial aspects in genomics

C24 Mosaicisms

C25 Bioinformatics and multiomics

C26 Mitochondrial disorder

C27 Developmental disorders 2

C28 Late breaking abstracts

C29 Stakeholder perspectives in cancer genetics

Posters

Sections

P01 Reproductive Genetics/Prenatal Genetics

P02 Sensory disorders (eye, ear, pain)

P03 Internal organs & endocrinology (lung, kidney, liver, gastrointestinal)

P04 Skeletal, connective tissue, ectodermal and skin disorders

P05 Cardiovascular disorders

P06 Metabolic and mitochondrial disorders

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P19 Genetic counselling/Education/public services

P20 Psychological/Ethical/legal issues

Electronic Posters

Sections

E-P01 Reproductive Genetics/Prenatal Genetics

E-P02 Sensory disorders (eye, ear, pain)

E-P03 Internal organs & endocrinology (lung, kidney, liver, gastrointestinal)

E-P04 Skeletal, connective tissue, ectodermal and skin disorders

E-P05 Cardiovascular disorders

E-P06 Metabolic and mitochondrial disorders

E-P07 Immunology and hematopoietic system

E-P08 Intellectual Disability

E-P09 Neurogenetic and psychiatric disorders

E-P10 Neuromuscular disorders

E-P11 Multiple Malformation/anomalies syndromes

E-P12 Cancer genetics

E-P13 Basic mechanisms in molecular and cytogenetics

E-P14 New diagnostic approaches, technical aspects & quality control

E-P15 Personalized/Predictive Medicine and Pharmacogenomics

E-P16 Omics/Bioinformatics

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E-P18 Genetic epidemiology/Population genetics/Statistical methodology and evolutionary genetics

E-P19 Genetic counselling/Education/public service

**EMPAG**

Sections

Oral presentations

EBPL2 The legal side of Genomic Care

EPL1 Ensuring good clinical practice in whole genome sequencing

EPL2 Improving communication in genetic counselling

EPL3 Educating Professionals and Public

EPL4 What's New in Hereditary Cancer

EPL5 To know or not to know

EPL6 Perinatal decision-making

ES1 Communication of genetic information with and within families

Poster presentations = EMP

**2020**

Plenary Sessions = PL

Concurrent Symposia = S

Educational Sessions = E

Concurrent Sessions = C

P01 Reproductive Genetics/Prenatal Genetics

P02 Sensory Disorders (Eye, Ear, Pain)

P03 Internal Organs & Endocrinology (Lung, Kidney, Liver, Gastrointestinal)

P04 Skeletal, Connetive Tissue, Ectodermal and Skin Disorders

P05 Cardiovascular Disorders

P06 Metabolic and Mitochondrial Disorders

P07 Immunology and Hematopoietic System

P08 Intellectual Disability

P09 Neurogenetic and Psychiatric Disorders

P10 Neuromuscular Disorders

P11 Multiple Malformation/Anomalies Syndromes

P12 Cancer Genetics

P13 Genome Variation and Architecture

P14 Cytogenetics

P15 New Technologies and Approaches

P16 Diagnostic Improvements and Quality Control

P17 Bioinformatics and Statistical Methods

P18 Personalized Medicine and Pharmacogenomics

P19 Genetic Epidemiology, Population Genetics and Evolutionary Genetics

P20 Functional Genomics and Epigenomics

P21 New Treatments for Genetic Disorders

P22 Genetic Counselling / Services / Education

P23 Ethical, Legal and Psychosocial Aspects in Genetics

**2021**

Plenary sessions

PL1 Opening Plenary

PL2 What’s New? Highlight Session

PL4 Mendel Award Lecture

Concurrent symposia

S01 Machine learning methods for prioritising genetic variants

S02 Spatial omics

S03 Transposons

S04 Impact of GDPR on genomic data sharing

S05 Endogenous and exogenous mutagenesis in cancer

S06 Comparative genomics across species and populations

S07 Mind the gap: Translating genomic advances into clinical care

S08 Single cell genomics in cancer

S09 Biobanks in under-represented populations

S10 Gene-based therapy for inherited liver diseases

S11 Prevention, detection, and therapy in cancer

S12 Functional annotation of genomic variation

S13 Beauty of gametogenesis

S14 Genome architecture

S15 Cells competing cells - mosaicism and cancer

S16 ESHG-ASHG Building Bridges: Global genetics towards a socially just practice

S17 Biases in genetic studies: Estimation and impact

S18 Overgrowth syndromes, from discovery to therapy

S20 Counselling Over Various Informatic Devices: Lessons from Covid-19

S21 Delivering the promise of RNA therapeutics

S22 Integrated approaches for ciliopathies

Educational sessions

E01 New technologies

E02 ESHG-Y: Human organoids as genetic disease models

E03 Translational collaborations in hereditary cancer

E04 Dealing with uncertainty in genomic medicine

E05 Update on imprinting disorders

E06 Pharmacogenomics in the clinic

E08 Variant interpretation in the clinic

E09 What’s new in preimplantation genetic testing?

E11 Polygenic risks and me

E12 Bayesian methods applied in clinical settings

E13 Mapping the human body at the cellular level

E14 DNA methylation in Mendelian diseases

E15 Selection and population structure in biobank scale data

E16 Advances in Mendelian randomisation

E17 Chromosomal instability across lifetime

E18 Introduction to statistical analysis of genome-wide association studies (GWAS)

E19 Precision medicine in underserved populations

Concurrent sessions

C01 Developmental disorders & syndromes I

C02 Cardiovascular disorders

C03 Bioinformatics, machine learning and statistical methods

C04 Unraveling the complexity of neuropsychiatric genetics

C05 Reproduction is hot!

C06 COVID-19 Genomics

C07 Novel insights in inherited metabolic diseases

C08 Skeletal and connective tissue disorders

C09 Sensory disorders: multi-omics and long-read sequencing

C10 Genome-wide Association Studies

C11 New technologies and better diagnostics

C12 Counselling, communication and service delivery

C13 Cancer susceptibility: From mechanisms to clinic

C14 Advances in neurogenetics: From diagnosis to treatment

C15 Pleiotropic diseases: diagnosis and mechanisms

C16 Monogenic neurodevelopmental disorders

C17 Population genetics and genetic epidemiology

C18 Functional genomics and transcriptomics

C19 ELSI in genomics

C20 From mechanisms to therapeutic insights in cancer

C21 Clinical immunology and novel therapies of genetic diseases

C22 Developmental disorders & syndromes II

C23 Internal organs - Kidney, bowel, fat

C24 Genome variation and architecture

C25 Using genomics to personalise medicine

C26 Late Breaking

Abstracts from the 54th European Society of Human Genetics Conference: e-Posters

P01 Reproductive Genetics/Prenatal Genetics

P02 Sensory Disorders (Eye, Ear, Pain)

P03 Internal Organs & Endocrinology (Lung, Kidney, Liver, Gastrointestinal)

P04 Skeletal, Connective Tissue, Ectodermal and Skin Disorders

P05 Cardiovascular Disorders

P06 Metabolic and Mitochondrial Disorders

P07 Immunology and Hematopoietic System

P08 Intellectual Disability

P09 Neurogenetic and Psychiatric Disorders

P10 Neuromuscular Disorders

P11 Multiple Malformation/Anomalies Syndromes

P12 Cancer Genetics

P13 Genome Variation and Architecture

P14 Cytogenetics

P15 New Technologies and Approaches

P16 Diagnostic Improvements and Quality Control

P17 Bioinformatics, Machine Learning and Statistical Methods

P18 Personalised Medicine and Pharmacogenomics

P19 Population Genetics and Evolutionary Genetics

P20 Functional Genomics and Epigenomics

P21 New Treatments for Genetic Disorders

P22 Genetic Counselling/Services/Education

P23 Ethical, Legal and Psychosocial Aspects in Genetics

P24 GWAS

P25 COVID-19