

**09.00 – 12.00**

INTRODUCTORY SESSION FOR YOUNG EWOG

**12.00 – 13.00**REGISTRATION FOR THE SYMPOSIUM  
WELCOME TO THE SYMPOSIUMPaula Kjällerström – Chair of the Local Committee  
Pierre Goncalves – Local Committee  
Charlotte Niemeyer – Chair of EWOG-MDS  
Brigitte Strahm – Chair of EWOG-SAA**13.00****SESSION I - SEVERE APLASTIC ANEMIA**

Chairs: Ayami Yoshimi, Nuno Reis Farinha

**13.00 – 13.30***Recent advances and long-term results of medical treatment of Acquired Aplastic Anemia*

Phillip Scheinberg (São Paulo, Brazil)

**13.30 – 14.00****THE ROLE OF ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION IN APLASTIC ANEMIA (OC1)**

Brigitte Strahm (Freiburg, Germany)

**14.00 – 14.15***Accelerated clearance of anti-thymocyte globulin in children transplanted for refractory cytopenia of childhood versus aplastic anemia is associated with increased risk of GvHD (OC2)*

Eva Koopman-Coenen\*; Joyce Meesters-Ensing; Stefan Nierkens; Ireen Kal; Konradin Müskens; Birgitta Versluys; Caroline Lindemans; Marc Bierings; Rick Admiraal; Mirjam Belderbos

\*Utrecht, The Netherlands

**14.15 – 14.30***Variable clinical courses of varicella zoster virus infection – or vaccination-related bone marrow failure (OC3)*

Vasil Toskov\*; Annamaria Cseh; Alexander Claviez; Natalia Rotari; Beatrice Drexler; Stephan Schwarz-Furlan; Matthias Braun; Peter Bader; Peter Lang; Rita Beier; Bernhard Erdlenbruch; Monika Führer; Miriam Erlacher; Charlotte M Niemeyer; Brigitte Strahm; Ayami Yoshimi

\*Freiburg, Germany

**14.30 – 15.00***Somatic mutations and dynamics of clonal hematopoiesis in Acquired Aplastic Anemia*

Austin Kulasekararaj (London, UK)

**15.00 – 15.15****Next Generation Sequencing approach to Bone Marrow Failure Syndromes – Portuguese experience (OC4)**

Margarida Coucelo\*; Joana Azevedo; Isabel Bogalho; Ana Teresa Simões; Ana Catarina Oliveira; Sara Batalha; Conceição Constanço; Teresa Melo; José Carlos Almeida; Joana Desterro; Patrícia Ribeiro; Emília Costa; Anabela Ferrão; Paula Kjällerstrom; Catarina Geraldes

\*Coimbra, Portugal

**15.00 – 15.30**

COFFEE BREAK

**15.30****SESSION II - JUVENILE MYELOMONOCYTIC LEUKEMIA (I)**

Chairs: Tim Lammens, Valerie de Haas

**15.30 – 16.00***Novel approaches targeting the RAS pathway in JMML (OC5)*

Eliot Stieglitz (San Francisco, USA)

**16.00 – 16.15***The interface of epigenetics and energy metabolism in juvenile myelomonocytic leukemia (OC6)*

Zoé Wehbe\*; Ruba Hammad; Toni Cathomen; Sheila Bohler; Jovana Rajak; Miriam Erlacher; Foued Ghanjati; Charlotte Niemeyer; Christian Flotho

\*Freiburg, Germany

**16.15 – 16.45***Clonal architecture in JMML (OC7)*

Christian Flotho (Freiburg, Germany)

**16.45 – 17.00***Genomic landscape and single base substitution mutational signatures in juvenile myelomonocytic leukemia: a new JMML portrait (OC8)*

Alberto Peloso\*; Andrea Binatti; Alice Cani; Concetta Micalizzi; Simone Cesaro; Laura Sainati; Franco Locatelli; Stefania Bortoluzzi; Riccardo Masetti; Silvia Bresolin

\*Padua, Italy

**17.00 – 17.15***Homozygous CBL mutation in B lymphocytes after CBL-driven JMML impairs B cell maturation, function and antibacterial immunity (OC9)*

Jonathan Bohlen\*; Marine Michelet; Federica Barzaghi; Francesco Saettini; Francesca Vendemini; Albert Catala; Laia Alsina; Francesca Conti; Fillippo Consonni; Davide Learndini; Riccardo Masetti; Edoardo Muratore; Francesco Baccelli; Ivan Bagaric; Taja Vatovec; Feroj Seyed; Isabelle Andre; Lori Buetow; Eric Delabesse; Laetitia Largeaud; Cindy Ma; Laurent Abel; Steicy Sobrino; Masato Ogishi; Boris Bessot; Cecile Rouillon; Christine Bole; Yoann Seeleuthner; Tom Le Voyer; Darawan Rinchai; Jeremie Rosain; Peng Zhang; Matthieu Chaldebas; Anna-Lena Neehus; Lucia Erazo; Zarah Janda; Camille Soudee; Chantal Lagrese; Emmanuelle Six; Danny Huang; Stuart Tangye; Vivien Beziat; Eleonora Gambineri; Marinella Veltroni; Miriam Erlacher; Alessandro Aiuti; Marlene Pasquet; Jean-Laurent Casanova; Jacinta Bustamante

\*New York, USA

**17.00 – 17.30****IBCR:ABL-NEGATIVE MYELOPROLIFERATIVE NEOPLASMS IN CHILDREN AND ADOLESCENTS: INCREASED DISEASE BURDEN IN PATIENTS WITH JAK2 MUTATION, UNMET DIAGNOSTIC NEEDS AND OPTIMAL TREATMENT OPTIONS (OC10)**

Foued Ghanjati\*; Miriam Erlacher; Dirk Lebrecht; Peter Nöllke; Franco Locatelli; European Working Group of Myelodysplastic Syndromes in Childhood; Charlotte Niemeyer; Christian Flotho

\*Freiburg, Germany

**17:30 – 18.00****OFFICIAL OPENING OF THE SYMPOSIUM**

Nuno Reis Farinha - President of the Portuguese Society of Hematology and Oncology

Paula Kjällerström – Chair of the Local Committee

Charlotte Niemeyer – Chair of EWOG-MDS

Brigitte Strahm – Chair of EWOG-SAA

**08.30 – 09.30**

YOUNG EWOG WELCOME BREAKFAST

**08.00****SESSION III - JSPHO-EWOG SPEED SESSION AND  
SELECTED POSTERS**

Chairs: Brigitte Strahm, Yoshiyuki Takahashi

**08.00 – 08.30****Methylation, SETBP1/JAK3, and CBL**

Manabu Wakamutsu (Nagoya, Japan)

**08.30 – 09.00****Predisposition in JMML**

Christian Flotho (Freiburg, Germany)

**09.00 – 09.30**

Selected Posters

**09.30****SESSION IV - JUVENILE MYELOMONOCYTIC LEUKEMIA (II)**

Chairs: Albert Catala, Jean-Pierre Gonçalves

**09.30 – 09.45****SH2B3 germline mutation cause a multisystem disorder  
with predisposition to myeloproliferative neoplasms  
(OC11)**Davide Leardini\*; Sara Cerasi; Francesco Baccelli; Francesca Gottardi; Edoardo Muratore; Krisztián Miklós Kállay; Paula Kjollerstrom; Sara Batalha; Elisa Rumi; Valeria Santini; Marco Gabriele Raddi; Anupama Rao; Ana Rio-Machin; Riccardo Masetti  
\*Bologna, Italy**09.45 – 10.00****Early relapse detection in JMML patients following  
haematopoietic stem cell transplant (OC12)**Susanne Kricke\*; Anupama Rao; Eleni Louka; Katharine Patrick; Stuart Adams; Owen Williams; Elaine Cloutman-Green  
\*London, UK**10.00 – 10.15****How to design the next clinical study in JMML? (OC13)**

Charlotte Niemeyer (Freiburg, Germany)

**10.15 – 10.30**

COFFEE BREAK

**10.30 – 11.30**

Poster session I with Poster Walk (see list of the posters)

**11.30****SESSION V - PATHOPHYSIOLOGY OF MYELODYSPLASTIC  
SYNDROME AND ACUTE MYELOID LEUKEMIA**

Chairs: Martina Rudelius, Charlotte Niemeyer

**11.30 – 11.50****Implications of novel classification of myeloid  
neoplasms for childhood MDS (OC14)**

Katherine R. Calvo (Bethesda, USA)

**11.50 – 12.10****What can we deduce from genetic classification of  
myeloid neoplasia for therapy in pediatrics? (OC15)**

Henrik Hasle (Aarhus, Denmark)

**12.10 – 12.30**

Discussion

**12.30 – 12.45****The new kid on the block: UBTF-TD (OC16)**

Miriam Erlacher (Freiburg, Germany)

**12.45 – 13.00****Impact of prognosis of cytogenetic alterations in Brazilian  
children with myelodysplastic neoplasm (OC17)**

Viviane Lovatel\*; Eliane Rodrigues; Beatriz Da Silva; Rita De Cássia Tavares; Amanda Fonte; Ana Paula Bueno; Teresa Fernandez

\*Rio de Janeiro, Brazil

**13.30 – 14.30**

LUNCH

**12.30 – 13.30****POSTER SESSION WITH POSTER WALK**

(SEE LIST OF THE POSTERS ON THE LAST PAGE)

**14.30****SESSION VI - BONE MARROW FAILURE AND  
OTHER GERMLINE PREDISPOSITION**

Chairs: Valeria Santini, Petr Sedlacek

**14.30 – 15.00****Clonal hematopoiesis in Shwachman-Diamond syndrome: mechanism and clinical implications (OC18)**

Akiko Shimamura (Boston, USA)

**15.00 – 15.15****Functional analyses of RUNX1 variants in the context  
of familial platelet disorder with predisposition to  
hematologic malignancies (OC19)**

Melanie Decker\*; Förster Alisa; Prüne Alina; Anne Seebacher; Alena Wittstock; Thomas Illig; Brigitte Schlegelberger; Tim Ripperger

\*Hannover, Germany

**15.15 – 15.30****Genotype/phenotype associations in 174 individuals  
with germline GATA2 mutations (OC20)**

Lili Kotmayer\*; Emilia Kozyra; Maximilian Kaiser; Michael Dworzak; Barbara De Moerloose; Jan Starý; Henrik Hasle; Kirsí Jahnukainen; Sophia Polychronopoulou; Krisztián Kállay; Owen Smith; Shlomit Barzilai; Riccardo Masetti; Jochen Buechner; Marek Ussowicz; Paula Kjollerstrom; Ivana Boďová; Marko Kavcic; Albert Catala; Dominik Turkiewicz; Markus Schmugge; Valérie De Haas; Rebecca Voss; Anna Bigas; Damia Romero; Csaba Bödör; Miriam Erlacher; Alessandra Giorgetti; Charlotte Niemeyer; Marcin Wlodarski

\*Budapest, Hungary

**15.30 – 15.45****Loss of HSC stemness identity is associated with  
exhaustion and hyporesponsiveness in GATA2  
deficiency syndrome (OC21)**

Laëtitia Largeaud\*; Vincent Fregona; Laura Jamrog; Camille Hamelle; Stephanie Dufrechou; Naïs Prade; Esmaa Sellam; Pauline Enfedaque; Manon Bayet; Sylvie Hebrard; Christine Didier; Eric Delabesse; Bastien Gerby; Marlène Pasquet; Cyril Broccardo

\*Toulouse, France

**15.45 – 16.00****Germline loss-of-function mutations in MDM4 cause a new bone marrow failure syndrome with tp53-dependent hematopoietic cell death (OC22)**

Richa Sharma\*; Senthil Velan Bhoopalan; Robert Meyer; Lei Han; Shondra M. Pruett-Miller; Claudia Khurana; Miriam Erlacher; Jean Soulier; Fabian Beier; Marcin Wlodarski

\*Memphis, USA

**16.00 – 16.15**

## COFFEE BREAK

**16.15****SESSION VI - BONE MARROW FAILURE AND OTHER GERMLINE PREDISPOSITION (continued)**

Chairs: Hannah Tamary, Kristián Kállay

**16.15 – 16.45****Genome sequencing approaches for diagnosis and discovery of BMF/MDS specific genetic alterations (OC23)**

Marcin Wlodarski (Memphis, USA)

**16.45 – 17.00****Myelodysplastic syndrome and leukemia is a secondary event after bone marrow failure in Gata2 haploinsufficient mice (OC24)**

Cansu Koyunlar; Juncal Fernandez-Orth; Julia Weiss; Emanuele Gioacchino; Hans De Looper; Geoffrey Andrieux; Mariette Ter Borg; Baris Yigit; Joke Zink; Remco Hoogenboezem; Irene Gonzalez-Mendez; Eric Bindels; Mathijs Sanders; Ivo Touw; Miriam Erlacher; Emma De Pater\*

\*Rotterdam, The Netherlands

**17.00 – 17.15****Optical genome mapping: a new tool to overcome conventional cytogenetics' limitations in patients with bone marrow failure (OC25)**

Josune Zubizaray\*; Ana Gomez; June Iriondo; Reyes Gimenez; Lorea Abad; Carmen Matasans; Elena Sebastian; Alejandro Sanz; Jesus Gonzalez De Pablo; Manuel Ramirez; Julian Sevilla

\*Madrid, Spain

**17.15 – 17.30****A countrywide study of GATA2 deficiency in Italy reveals novel symptoms and genotype-phenotype correlation (OC26)**

Samuele Roncareggi\*; Katia Girardi; Francesca Fioredda; Lucia Pedace; Luca Arcuri; Raffaele Badolato; Sonia Bonanomi; Erika Borlenghi; Emilia Cirillo; Tiziana Coliva; Filippo Consonni; Francesca Conti; Piero Farruggia; Eleonora Gambineri; Fabiola Guerra; Gaia Mancuso; Antonio Marzollo; Riccardo Masetti; Concetta Micalizzi; Daniela Onofrillo; Claudio Pignata; Valeria Santini; Francesca Vendemini; Andrea Biondi; Francesco Saettini

\*Monza, Italy

**17.30 – 17.45****CHEK2 germline variants and allogeneic hematopoietic stem cell transplant outcomes (OC27)**

Atte K Lahtinen; Jessica Koski; Jarmo Ritari; Kati Hyvärinen; Satu Koskela; Jukka Partanen; Kim Vettenranta; Minna Koskenvuo; Riitta Niittyvuopio; Urpu Salmenniemi; Maija Itälä-Remes; Kirsi Jahnukainen; Outi Kilpivaara; Ulla Wartiovaara-Kautto; Maarja Karu\*

\*Helsinki, Finland

**09:00****SESSION VII - INNOVATIVE THERAPIES IN MYELODYSPLASTIC SYNDROME, ACUTE MYELOID LEUKEMIA AND JUVENILE MYELOMONOCYTIC LEUKEMIA**

Chairs: Anupama Rao, Henrik Hasle

**09.00 – 09.30*****Novel approaches of immune and cellular therapies for high risk pediatric myeloid malignancies***

Franco Locatelli (Rome, Italy)

**09.30 – 09.45*****Pediatric MDS in GATA2-Deficiency: Enhanced Histone Trimethylation and Deregulated Apoptosis as Driver? (OC28)***

Franziska Schreiber\*; Guido Piontek; Yuki Schneider-Kimoto; Stephan Schwarz-Furlan; Rita De Vito; Franco Locatelli; Carole Gengler; Charlotte M. Niemeyer; Miriam Erlacher; Martina Rudelius

\*Munich, Germany

**09.45 – 10.00*****Venetoclax-based therapies in pediatric advanced MDS and relapsed /refractory AML: a multicenter retrospective analysis (OC29)***

Riccardo Masetti\*; Francesco Baccelli; Davide Leardini; Francesca Gottardi; Francesca Vendemini; Alessandro Digangi; Marco Becilli; Mariachiara Lodi; Manuela Tumino; Luca Vinci; Miriam Erlacher; Brigitte Strahm; Charlotte M. Niemeyer; Franco Locatelli

\*Bologna, Italy

**10.00 – 10.15*****Juvenile myelomonocytic leukemia (JMML) cells escape immune surveillance by multiple mechanisms (OC30)***

Jun Wang\*; Jovana Rajak; Naile Koleci; Hui Xiao; Anton Niels Wehner; Bertram Bengsch; Juncal Fernandez-Orth; Charlotte Niemeyer; Sheila Bohler; Miriam Erlacher

\*Freiburg, Germany

**10.15 – 10.30****COFFEE BREAK****09:00****SESSION VII - INNOVATIVE THERAPIES IN MYELODYSPLASTIC SYNDROME, ACUTE MYELOID LEUKEMIA AND JUVENILE MYELOMONOCYTIC LEUKEMIA (continued)**

Chairs: Anupama Rao, Henrik Hasle

**10.30 – 11.00*****Pathway-directed therapy approach in pediatric MDS and AML (OC31)***

Barbara De Moerloose, Ghent, Belgium

**11.00 – 11.15*****Development of new gene editing approaches for bone marrow failure and MDS predisposition syndromes (OC32)***

Damian Krzyzanowski\*; Mjad Khiami; Lei Han; Sushree Sahoo; Shondra Miller; Shengdar Tsai; Senthil Bhoopalan; Jonathan Yen; Marcin Wlodarski

\*Memphis, USA

**11.15 – 11.30*****ILLUSTRATION OF CLONAL ARCHITECTURE IN JUVENILE MYELOMONOCYTIC LEUKEMIA BY TARGETED SINGLE-CELL DNA SEQUENCING (OC33)***

Foued Ghanjati\*; Miriam Erlacher; Dirk Lebrecht; Peter Nöllke; Franco Locatelli; European Working Group Of Myelodysplastic Syndromes In Childhood; Charlotte Niemeyer; Christian Flotho

\*Freiburg, Germany

**11.30 – 11.45*****Onco-Fetal Reprogramming Drives High-Risk Juvenile Myelomonocytic Leukemia, which can be Targeted by Anti-CD52 Treatment (O34)***

Mark Hartmann; Maximilian Schönung; Jovana Rajak; Joschka Hey; Valentin Maurer; Ling Hai; Sina Staebler; Jens Langstein; Katharina Bauer; Mariam Hakobyan; Laura Jardine; Sheila Bohler; Dominik Vonficht; Abdul-Habib Maag; Dirk Lebrecht; Katrin M. Bernt; Roland Roelz; Tobias Boch; Eleonora Khabirova; Pavlo Lutsik; Simon Haas; Muzlifah Haniffa; Sam Behjati; Jan-Philipp Mallm; Christian Buske; Michael D. Milsom; Stefan Fröhling; Marc-Jan Bonder; Charlotte Niemeyer; Christian Flotho; Christoph Plass; Miriam Erlacher; Matthias Schlesner; Daniel B. Lipka\*

\*Heidelberg, Germany

**11.45 – 12.45****CLOSING REMARKS AND PRESENTATION OF POSTER PRIZES**

# LIST OF POSTERS

## **P1 – UNRAVELING THE MOLECULAR BASIS OF PEDIATRIC MYELODYSPLASTIC SYNDROME: INSIGHTS FROM CRISPR/CAS9-EDITED IPSCS BEARING THE SAMD9 P.I1567M MUTATION.**

Joan Pera\* Julio Castaño; Damia Romero-Moya; Oskar Marin-Bejar

\*Barcelona, Spain

## **P2 – ARIANT PROFILING IN PEDIATRIC CHRONIC MYELOID LEUKEMIA**

Yvonne Lisa Behrens; Gudrun Göhring; Laura Gaschler; Ronny Nienhold; Thea Reinkens; Elke Schirmer; Sabine Lukat; Sabine Knöb; Renate Strasser; Stephanie Sembill; Zofia Wotschofsky; Meinolf Suttorp; Manuela Krumbholz; Brigitte Schlegelberger; Markus Metzler; Axel Karow\*

\*Erlangen, Germany

## **P3 – SPECTRUM OF CLINICAL PHENOTYPES AND SOMATIC VARIANTS IN RUNX1-ASSOCIATED FAMILIAL PLATELET DISORDER WITH PREDISPOSITION TO HEMATOLOGIC MALIGNANCIES**

Alisa Förster\*; Melanie Decker; Yvonne L. Behrens; Gudrun Göhring; Brigitte Schlegelberger; Tim Ripperger

\*Hannover, Germany

## **P4 – PUMA-induced apoptosis drives bone marrow failure upon telomere shortening and leukemia in a mouse model of dyskeratosis congenita**

Christian Molnar; Sheila Bohler\*; Jovana Rajak; Julia Miriam Weiss; Irene Gonzalez-Mendez; Geoffroy Andrieux; Eva-Maria Demmerath; Madeleine Wahl; Lena Wendeburg; Gudrun Göhring; Brigitte Strahm; Doris Steinemann; Martina Rudelius; Melanie Börries; Leticia Quintanilla-Martinez; Charlotte M. Niemeyer; Verena Labi; Miriam Erlacher

\*Freiburg, Germany

## **P5 – Association and interactions of the RIO kinases in the context of Diamond-Blackfan anemia**

Hans-Dajo Von Wulffen\*; Sheila Bohler; Corinna Spohr; Tilman Brummer; Pierre-Emmanuel Gleizes; Alexander Puzik; Charlotte Niemeyer; Miriam Erlacher

\*Freiburg, Germany

## **P6 – NPM1 mutations in children with myelodysplastic syndrome with excess blasts**

Ayami Yoshimi\*; Miriam Erlacher; Peter Noellke; Senthilkumar Ramamoorthy; Gudrun Göhring; Shlomit Barzilai-Birenboim; Ivana Bodova; Jochen Buechner; Albert Catala; Valérie De Haas; Barbara De Moerloose; Michael Dworzak; Henrik Hasle; Kirsi Jahnukainen; Krisztian Kallay; Marko Kavcic; Paula Kjollerstrom; Franco Locatelli; Riccardo Masetti; Sophia Polychronopoulou; Markus Schmutz; Owen Smith; Jan Stary; Dominik Turkiewicz; Marek Ussowicz; Natalia Rotari; Marcin Wlodarski; Brigitte Strahm; Charlotte Niemeyer

\*Freiburg, Germany

## **P7 – Identification of high-risk JMML by BMP4 bisulfite next-generation sequencing**

Foued Ghanjati\*; Annika Heck; Dirk Lebrecht; Peter Nöllke; Zoé Wehbe; Felicia Andresen; Natalia Rotari; Miriam Erlacher; European Working Group Of Myelodysplastic Syndromes In Childhood; Charlotte Niemeyer; Christian Flotho

\*Freiburg, Germany

## **P8 – RIC vs MAC in allo-HSCT for Childhood Myelodysplastic Syndrome**

Elena Morozova; Olesya Paina; Elena Semenova; Tatyana Gindina; Ludmila Zubarovskaya; Alexander Kulagin; Anna Osipova\*; Tatiana Bykova

\*Saint-Petersburg, Russia

## **P9 – Outcomes of hematopoietic stem cell transplantation in pediatric patients with myelodysplastic syndrome and acute myeloid leukemia secondary to inherited bone marrow failure syndromes**

Laura Murillo-Sanjuán\*; María Luz Uria-Oficialdegui; Gloria Hidalgo-Gómez; Laura Alonso García; Melissa Panesso Romero; María Isabel Benítez Carabante; Margarita Ortega Blanco; Cristina Díaz-De-Heredia

\*Barcelona, Spain

## **P10 – Biology of bone marrow disorder characterize distinct subtypes of Refractory cytopenia of childhood (RCC)**

Martina Sukova\*; Ester Mejstrikova; Michaela Reiterova; Marketa Kubricanova-Zaliova; Eva Fronkova; Vit Campr; Zuzana Zemanova; Iveta Janotova; Lucie Sramkova; Jan Stary

\* Prague, Czech Republic

## **P11 – PREVALENCE OF EXPOSURE TO SOCIO-ENVIRONMENTAL FACTORS IN MYELODYSPLASTIC SYNDROMES – A STUDY OF THE BRAZILIAN PEDIATRIC MYELODYSPLASTIC SYNDROME GROUP (GCB-SMD-PED)**

Glaucia Regina Costa Murra\*; Adeyson Guimarães Ribeiro; Marco Antônio De Oliveira; Lohana Karoline Macedo Pezente; Anita Frisanco De Oliveira; Rafael Balceiro; Maria Do Socorro Pombo De Oliveira; Mariana Tomazini Pinto; Luiz Fernando Lopes

\*São Paulo, Brazil

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## **P12 – A CASE OF KRAS-MUTATED JMML WITH HIGH METHYLATION PROFILE AND PERPLEXED CLINICAL COURSE.**

Vasiliki Tzotzola\*; Kondylia Antoniadou; Charikleia Kelaidi; Loizos Petrikkos; Elda Ioannidou; Evgenios Goussetis; Aikaterini Bountali; Kalliopi Manola; Elpidoforos Mantadakis; Kalliopi Stefanaki; Ioulia Peristeri; Charlotte Niemeyer; Sophia Polychronopoulou

\* Athens, Greece

## **P13 – THE CLINICAL SPECTRUM AND BIOLOGICAL FINDINGS IN RAS-ASSOCIATED JUVENILE MYELOMONOCYTIC LEUKEMIA AND RAS-ASSOCIATED AUTOIMMUNE LEUKOPROLIFERATIVE DISORDER**

Hanne Verhulst; Laurens Van Camp; Mattias Hofmans\*; Barbara De Moerloose

\*Ghent, Belgium

## **P14 – Thirty years of Experience in the Treatment of Childhood Aplastic Anemia in Lithuania**

Vilma Rutkauskaitė\*; Ramune Pasauliene; Goda Elizabeta Vaitkeviciene; Jelena Rascon

\* Vilnius, Lithuania

## **P15 – Hospital admissions of aplastic anaemia: Real world evidence from UK children admitted from 2017 – 2022**

Bamidele Famokunwa\*; Morag Griffin; Aman Gupta; Stephen Thomas; Austin Kulasekararaj

\*London, UK

## **P16 – REFRACTORY CYTOPENIA OF CHILDHOOD: CLINICAL FEATURES, PATHOLOGIC FINDINGS AND EXPERIENCE OF BRAZILIAN COOPERATIVE GROUP OF PEDIATRIC MYELODYSPLASTIC SYNDROME**

Caroline Ramalho Rosa; Rafael Balceiro\*; Aline Tansini; Thaís Regina Toledo De Santis; Gláucia Regina Costa Murra; Eduardo Caetano; Luiz Fernando Lopes; Anita Frisanco Oliveira

\*São Paulo, Brazil

## **P17 – Recurrence of underlying congenital neutropenia without MDS after allogeneic stem cell transplantation in a patient with ELANE-mutated congenital neutropenia and secondary MDS**

Ingrid Furlan\*; Katharina Wustrau; Manfred Hoenig; Ayami Yoshimi; Ansgar Schulz

\*Ulm, Germany

## **P18 – IMMUNOPHENOTYPE IN SAMD9/9L SYNDROME: CORRELATIONS WITH MORPHOLOGY**

Charikleia Kelaidi\*; Marianna Tzanoudaki; Loizos Petrikkos; Eleni Dana; Natalia Tourkantoni; Iordanis Pelagiadis; Kondylia Antoniadou; Eleni-Dikaia Ioannidou; Maria Kourtis; Helen Kosmidis; Eftychia Stiakaki; Marina Oikonomou; Evgenios Goussetis; Ioulia Peristeri; Antonis Kattamis; Aikaterini Bountali; Kalliopi Manola; Kalliopi Stefanaki; Sophia Polychronopoulou

\*Athens, Greece

## **P19 – Telomere length and cytopenias: analysis of children referred to Brazilian Cooperative Group of Childhood Myelodysplastic Syndrome**

Rafael Balceiro\*; Anita Frisanco Oliveira; Luiz Fernando Lopes; Neysimelia Costa Villela; Marlene Pereira Garanito; Rodrigo Do Tocantins Calado De Saloma Rodrigues

\*São Paulo, Brazil

## **P20 – CHILDHOOD MYELODYSPLASTIC NEOPLASM: GENETIC VARIANTS AND THEIR IMPACT ON DIAGNOSIS AND PROGNOSIS**

Viviane Lovatel\*; Eliane Rodrigues; Gerson Ferreira; Claudia Atayde; Rita De Cássia Tavares; Ana Paula Bueno; Eliana Abdelhay; Teresa Fernandez

\* Rio de Janeiro, Brazil

## **P21 – Pitfalls in the diagnostics of SAA/RCC: Can whole exome sequencing lead us the way?**

Wolfgang Novak\*; Alexandra Frohne; Susanne Karlsruher; Raúl Jimenez-Heredia; Leo Kager; Michael Dworzak; Kaan Boztug

\*Vienna, Austria

## **P22 – Identification of Functional Defects Leading to Bone Marrow Failure in GATA2 Deficiency**

Charlotte Wantzen\*; Baris Yigit; Yuan Suo; Roland Meisel; Shu Zang; Julia Miriam Weiss; Juncal Fernandez-Orth; Miriam Erlacher

\*Freiburg, Germany

## **P23 – THERAPY-RELATED MYELODYSPLASTIC SYNDROMES (t-MDS) IN CHILDHOOD: THE EXPERIENCE OF THE HELLENIC STUDY GROUP FOR MDS/JMML/SAA, MEMBER OF THE EWOG-MDS/SAA WORKING GROUP**

Loizos Petrikkos\*; Marina Servitzoglou; Eleni Dana; Iordanis Pelagiadis; Charikleia Kelaidi; Kondylia Antoniadou; Eleni-Dikaia Ioannidou; Aikaterini Bountali; Kalliopi Manola; Kalliopi Stefanaki; Eftichia Stiakaki; Helen Kosmidis; Ioulia Peristeri; Margarita Baka; Sophia Polychronopoulou

\*Athens, Greece

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**P24 – NATIONAL EXPERIENCE WITH IMMUNOSUPPRESSIVE THERAPY AND ELTROMBOPAG IN CHILDREN WITH APLASTIC ANEMIA- REAL WORLD DATA**

Katarzyna Pawelec\*; Katarzyna Machnik; Tomasz Ociepa; Jakub Musial; Joanna Balsa; Marek Ussowicz  
\*Warsaw, Poland

**P25 – The rare cases of co-occurrences of Down Syndrome Disease and Juvenile Myelomonocytic Leukemia**

Barbara Buldini; Manuela Tumino; Elena Varotto; Samuela Francescato; Alberto Peloso; Annamaria Di Meglio; Anna Leszl; Maria Gabelli; Alice Cani; Riccardo Masetti; Alessandra Biffi; Laura Sainati; Silvia Bresolin\*  
\*Bologna, Italy

**P26 – Investigating and modulating leukemia initiating cells to reduce risk of post-transplant relapse in JMML**

Hui Xiao\*; Naile Koleci; Jun Wang; Jovana Rajak; Niels Anton Wehner; Sheila Bohler; Juncal Fernandez Orth; Charlotte M. Niemeyer; Miriam Erlacher  
\*Freiburg, Germany

**P27 – MYELODYSPLASIA-RELATED CYTOGENETIC ABNORMALITIES IN CHILDHOOD ACUTE MYELOID LEUKEMIA – A 20-YEAR I-BFM-AML COLLABORATIVE DATABASE STUDY**

Kristian Juul Sandahl\*; Kristian Løvvik Juul-Dam; Morten Krogh Herlin; Eigil Kjeldsen; Henrik Hasle  
\*Aarhus, Denmark

**P28 – RELAPSED UBTF-TD MDS TREATED WITH VENETOCLAX AND AZACITIDINE**

Henrik Hasle\*; Marianne Ifversen; Katja Harder; Miriam Erlacher  
\*Aarhus, Denmark

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\*São Paulo, Brazil

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\*Florence, Italy

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Anita Frisanco Oliveira\*; Rafael Balceiro; Neysimelia Costa Villela; Luiz Fernando Lopes

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