

INFORMAZIONI PERSONALI

Carlo Dufour

 Via Maragliano 2/12, 16121 Genova (Italy)
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 carlodufour@gaslini.org

Sesso Male | Data di nascita 11/03/1957 | Nazionalità Italian

POSITION **Medico**ESPERIENZA
PROFESSIONALE

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|------------------------------|--|
| 01/04/1989–15/08/1989 | Registrar, Intensive Neontal Care Unit
G.Gaslini Children's Hospital, Genoa (Italy) |
| 16/08/1989–31/03/1990 | Registrar, Pediatric Gastroenterology Unit
G.Gaslini, Children's Hospital, Genoa (Italy) |
| 16/05/1990–15/10/1994 | Registrar, Hemato-Oncology Unit,
G.Gaslini Children's Hospital, Genoa (Italy) |
| 16/10/1994–31/12/2000 | Senior Registrar
G.Gaslini Children's Hopsital, Genoa (Italy) |
| 01/01/2001–31/12/2007 | Consultant, Pediatric hematology Unit
G.Gaslini Children's Hospital, Genoa (Italy) |
| 01/01/2007–15/07/2012 | Head, Haematology Unit
G.Gaslini Children's Hospital, Genoa (Italy) |
| 16/07/2012–alla data attuale | Chair Clinical and Experimental Haematology Unit
G. Gaslini Children's Hopsital, Genoa (Italy) |
| 14/11/2014–alla data attuale | Chairman Hematology Unit IRCSS G.Gaslini |
| 26/05/2018–alla data attuale | Chairman Hem-ONC-Stem Cell Transplantation Pole IRCSS. G Gaslini |

ISTRUZIONE E FORMAZIONE

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|-----------------------|---|
| 01/10/1970–25/07/1975 | High Classic School degree
Liceo Statale Andrea D'Oria, Genoa (Italy) |
| 10/10/1976–25/10/1984 | Medical degree
University of Genoa, Genoa (Italy) |

Top marks "cum
laude"

- 01/01/1985–15/07/1989 **Specilization in Pediatrics** Top marks "cum laude"

University of Genoa, Genoa (Italy)
- 22/09/1992–23/09/1993 **Master in Haematology** Top marks with distinction

Haematology Department, Hammersmith Hospital, University of London, London (United Kingdom)
- 01/05/1994–30/05/1994 **Training in bone marrow culture labortory**

Haematology Department, Hammersmith Hospital, University of London,, London (United Kingdom)
- 01/03/1996–31/03/1996 **Training in bone marrow culture laboratory**

Haematology Department Hammersmith Hospital , University of London, London (United Kingdom)
- 10/10/1993–10/10/1997 **Specialization in Clinical and Laboratory Haematology** Top marks "cum laude"

University of Genoa, Genoa (Italy)

COMPETENZE PERSONALI

Lingua madre Italian

Lingue straniere	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
English	C1	C2	C1	C2	C2
Shenker level 75					
Spanish	A2	A2	A2	A2	A1
French	A2	A2	A1	A2	A1

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato
Quadro Comune Europeo di Riferimento delle Lingue

Competenze comunicative Very good communication skills gained through multiple contacts with different people involved in different fields, (medicine, science, NPO) all over the world.

Competenze organizzative e gestionali Leadership (currently responsible for a team of 30 people).
 Very good organizational skills gained as chair of multiple national and international Study Groups, as a board member of various Scientific Society like the European Group for Blood and Marrow Trasplantation (EBMT), the European Haematology Association (EHA) and as the chair of the Haematology Unit of the G.Gaslini Children Hospital.
 Good team-leading skills gained as a responsible for a clinical and lab Unit over the last 7 years

Competenze professionali Good command of quality control processes (formely responsible for quality audits o behalf of the Italian Society od Pediatric hemato-Oncology- AIEOP-)
 Mentoring skills. As senior hematologists I have been reponsensible for elective period of in training, national and international, junior Pediatric-Hematology doctors.
 Likewise I supervised dissertations of doctors acquiring specialization in Pediatrics and in Haematology. I have been serving as International expert in PhD thesis at Universidad Complutense, Madrid, Spain.
 I have acted as supervisor of junior doctors at International preceptorship (ERN_EURO Blood Net)and Training schools (Innochron EUNET Action 18233).

I have also taught and been part of the Commission of the final judgement of the Master of second level, in Pediatric Haematology, La Sapienza University, Rome, years 2006, 2007, 2009, 2011, 2013, 2015, 2017, 2019.

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Utente autonomo	Utente base	Utente base	Utente base	Utente base

Competenze digitali - Scheda per l'autovalutazione

Good command of office suite (word processor, spread sheet, presentation software)

ULTERIORI INFORMAZIONI

Personal

Married since 1989 with Gabriella Senis, classic high school teacher. One son, Tommaso, born June 3rd 1996, he graduated in Music, cinema and art science. Interest in figurative arts (impressionism). Interests in rock music particularly that of time-span 1970-1985. Soccer player in Italian amateur leagues from 1973 to 1988. Winner of the Local University Soccer League with the "Medicine Team" 1982, 1983. Amateur photographer during medical school. Amateur skier (downhill & cross country), jogger, gardener. Chair of the Scientific Committee of Flying Angels, an Italian NPO operating worldwide and caring transfer of sick children to Institutions where higher chances of survival/better quality of life, than those locally available, are offered.

Other Positions

2019 to date member of the "Marrow failure Scientific Committee" American Society of Haematology (ASH)

2018 to date Chairman of the Scientific Working Group on Granulocytes and Constitutional Marrow Failure Disorders.

2018 to date, Board, Guideline Committee, European Haematology Association (EHA).

2013 to date. Board, Educational Committee, EHA.

2016-2018 Board Member of the European Group for Blood and Marrow Transplantation (EBMT)

2014-2018 Chairman of the Working party of the Severe Aplastic Anemia (WPSAA) of the (EBMT).

2011 to date. Board, Scientific Working Group Unit, EHA.

2011 to date. Member of ASH.

2010 to date. Chair of the Scientific Working Group on Granulocyte and Monocyte Disorders of the EHA.

2010-2014. Secretary of the WPSAA of the EBMT.

2004-12. Chair of the Bone Marrow Failure Study Group of the Italian Paediatric-Hemato- Oncology Society (AIEOP).

Honors

Reviewer in the following International Scientific Journals: New England Journal of Medicine, Journal of Clinical Oncology, Clinical Immunology, Blood, The Lancete Haematology, Br. J Haematol, Haematologica/Hematology Journal, Biology of Blood and Bone Marrow Transplantation, Bone Marrow Transplantation, European Journal of Clinical Investigation, Apoptosis, PLOS One, Supportive Care in Cancer.

Expert Evaluator: EHA, ASH, French Registry for Rare diseases, Fanconi Anemia Research Fund.

Discovery Award for identification of Fanconi anemia gene T. Fanconi Anemia Research Fund, 2015.

Award for scientific contribution in Fanconi Anemia "Fundacion en la Anemia de Fanconi" 2019.

Van Bekkum award, EBMT. For best scientific communication of the year, Prospective randomized trial RACE (Comparison of classical IST ± Eltombopag) in Severe Aplastic Anemia. 2020

Selected recent publications

1. Outcome of aplastic anaemia in children. A study by the severe aplastic anaemia and paediatric disease working parties of the European group blood and bone marrow transplant. **Dufour C**, Pillon M, Sociè G, Rovò A, Carraro E, Bacigalupo A, Oneto R, Passweg J, Risitano A, Tichelli A, Peffault de Latour R, Schrezenmeier H, Hochsmann B, Peters C, Kulasekararaj A, Van Biezen A, Samarasinghe S, Hussein AA, Ayas M, Aljurf M, Marsh J. Br J Haematol. 2015 May;169(4):565-73.
2. The diagnosis and treatment of aplastic anemia: a review. Miano M, **Dufour C**. Int J Hematol. 2015 Jun;101(6):527-35.
3. AluY-mediated germline deletion, duplication and somatic stem cell reversion in UBE2T defines a new subtype of Fanconi anemia. Virts EL, Jankowska A, Mackay C, Glaas MF, Wiek C, Kelich SL, Lottmann N, Kennedy FM, Marchal C, Lehnert E, Scharf RE, **Dufour C**, Lanciotti M, Farruggia P, Santoro A, Savasan S, Scheckenbach K, Schipper J, Wagenmann M, Lewis T, Leffak M, Farlow JL, Foroud TM, Honisch E, Niederacher D, Chakraborty SC, Vance GH, Pruss D, Timms KM, Lanchbury JS, Alpi AF, Hanenberg H. Hum Mol Genet. 2015 Sep 15;24(18):5093-108.
4. Stem cell transplantation in severe congenital neutropenia: an analysis from the European Society for Blood and Marrow Transplantation. Fioredda F, Iacobelli S, van Biezen A, Gaspar B, Ancliff P, Donadieu J, Aljurf M, Peters C, Calvillo M, Matthes-Martin S, Morreale G, van 't Veer-Tazelaar N, de Wreede L, Al Seraihy A, Yesilipek A, Fischer A, Bierings M, Ozturk G, Smith O, Veys P, Ljungman P, Peffault de Latour R, Sánchez de Toledo Codina J, Or R, Ganser A, Afanasyev B, Wynn R, Kalwak K, Marsh J, **Dufour C**; Severe Aplastic Anemia the Inborn Error, and the Pediatric Disease Working Parties of the European Society for Blood and Bone Marrow Transplantation (EBMT) and Stem Cell Transplant for Immunodeficiencies in Europe (SCETIDE). Blood. 2015 Oct 15;126(16):1885-92;
5. Similar outcome of upfront-unrelated and matched sibling stem cell transplantation in idiopathic paediatric aplastic anaemia. A study on behalf of the UK Paediatric BMT Working Party, Paediatric Diseases Working Party and Severe Aplastic Anaemia Working Party of EBMT. **Dufour C**, Veys P, Carraro E, Bhatnagar N, Pillon M, Wynn R, Gibson B, Vora AJ, Steward CG, Ewins AM, Hough RE, de la Fuente J, Velangi M, Amrolia PJ, Skinner R, Bacigalupo A, Risitano AM, Sociè G, Peffault de Latour R, Passweg J, Rovo A, Tichelli A, Schrezenmeier H, Hochsmann B, Bader P, van Biezen A, Aljurf MD, Kulasekararaj A, Marsh J, Samarasinghe S. Br J Haematol. 2015 Nov;171(4):585-94.
6. Autoimmune neutropenia of infancy: Data from the Italian neutropenia registry. Farruggia P, Fioredda F, Puccio G, Porretti L, Lanza T, Ramenghi U, Ferro F, Macaluso A, Barone A, Bonanomi S, Caruso S, Casazza G, Davitto M, Ghilardi R, Ladogana S, Mandaglio R, Marra N, Martire B, Mastrodicasa E, Dora Notarangelo L, Onofrillo D, Robustelli G, Russo G, Trizzino A, Tucci F, Pillon M, **Dufour C**. Am J Hematol. 2015 Dec;90(12):
7. Somatic, hematologic phenotype, long-term outcome, and effect of hematopoietic stem cell transplantation. An analysis of 97 Fanconi anemia patients from the Italian national database on behalf of the Marrow Failure Study Group of the AIEOP (Italian Association of Pediatric Hematology-Oncology). Svahn J, Bagnasco F, Cappelli E, Onofrillo D, Caruso S, Corsolini F, De Rocco D, Savoia

- A, Longoni D, Pillon M, Marra N, Ramenghi U, Farruggia P, Locasciulli A, Addari C, Cerri C, Mastrodicasa E, Casazza G, Verzeznassi F, Riccardi F, Haupt R, Barone A, Cesaro S, Cugno C, **Dufour C**. *Am J Hematol*. 2016 Jul;91(7):666-71.
8. Old and new faces of neutropenia in children. **Dufour C**, Miano M, Fioredda F. *Haematologica*. 2016 Jul;101(7):789-91.
9. Long-term use of pegfilgrastim in children with severe congenital neutropenia: clinical and pharmacokinetic data. Fioredda F, Lanza T, Gallicola F, Riccardi F, Lanciotti M, Mastrodicasa E, Signa S, Zanardi S, Calvillo M, **Dufour C**. *Blood*. 2016 Oct 27;128(17):2178-2181.
10. How I manage patients with Fanconi anaemia. **Dufour C**. *Br J Haematol*. 2017 Jul;178(1):32-47.
11. A new form of IRIDA due to combined heterozygous mutations of Tmprss6 and Acvr1a encoding the BMP receptor Alk2. **Pagani A**, Colucci S, Bocciardi R, Bertamino M, **Dufour C**, Ravazzolo R, Silvestri L, Camaschella C. *Blood*. 2017 Jun 22;129(25):3392-3395.
12. Autoimmune neutropenia of childhood secondary to other autoimmune disorders: Data from the Italian neutropenia registry. Farruggia P, Puccio G, Fioredda F, Lanza T, Porretti L, Ramenghi U, Barone A, Bonanomi S, Finocchi A, Ghilardi R, Ladogana S, Marra N, Martire B, Notarangelo LD, Onofrillo D, Pillon M, Russo G, Lo Valvo L, Serafinelli J, Tucci F, Zunica F, Verzeznassi F, **Dufour C**. *Am J Hematol*. 2017 Sep;92(9):E546-E549.
13. Classical inherited bone marrow failure syndromes with high risk for myelodysplastic syndrome and acute myelogenous leukemia. Savage SA, **Dufour C**. *Semin Hematol*. 2017 Apr;54(2):105-114.
14. Transplant results in adults with Fanconi anaemia. Bierings M, Bonfim C, Peffault De Latour R, Aljurf M, Mehta PA, Knol C, Boulad F, Tbakhi A, Esquirol A, McQuaker G, Sucak GA, Othman TB, Halkes CJM, Carpenter B, Niederwieser D, Zecca M, Kröger N, Michallet M, Risitano AM, Ehninger G, Porcher R, **Dufour C**, *Br J Haematol*. 2018 Jan;180(1):100-109.
15. Hypomorphic FANCA mutations correlate with mild mitochondrial and clinical phenotype in Fanconi anemia. Bottega R, Nicchia E, Cappelli E, Ravera S, De Rocco D, Faleschini M, Corsolini F, Pierri F, Calvillo M, Russo G, Casazza G, Ramenghi U, Farruggia P, **Dufour C**, Savoia A. *Haematologica*. 2018 Mar;103(3):417-426.
16. Pearson syndrome. Farruggia P, Di Marco F, **Dufour C**. *Expert Rev Hematol*. 2018 Mar;11(3):239-246.
17. Outcome of haematopoietic stem cell transplantation in dyskeratosis congenita. Fioredda F, Iacobelli S, Korthof ET, Knol C, van Biezen A, Bresters D, Veys P, Yoshimi A, Fagioli F, Mats B, Zecca M, Faraci M, Miano M, Arcuri L, Maschan M, O'Brien T, Diaz MA, Sevilla J, Smith O, Peffault de Latour R, de la Fuente J, Or R, Van Lint MT, Tolar J, Aljurf M, Fisher A, Skorobogatova EV, Diaz de Heredia C, Risitano A, Dalle JH, Sedláček P, Ghavamzadeh A, **Dufour C**. *Br J Haematol*. 2018 Oct;183(1):110-118.
18. Allogeneic Hematopoietic Cell Transplantation in Patients Aged 50 Years or Older with Severe Aplastic Anemia. Rice C, Eikema DJ, Marsh JCW, Knol C, Hebert K, Putter H, Peterson E, Deeg HJ, Halkes S, Pidala J, Anderlini P, Tischer J, Kroger N, McDonald A, Antin JH, Schaap NP, Hallek M, Einsele H, Mathews V, Kapoor N, Boelens JJ, Mufti GJ, Potter V, Peffault de la Tour R, Eapen M, **Dufour C**. *Biol Blood Marrow Transplant*. 2019 Mar;25(3):488-495.
19. Idiopathic neutropenia of infancy: Data from the Italian Neutropenia Registry. Farruggia P, Fioredda F, Puccio G, Onofrillo D, Russo G, Barone A, Bonanomi S, Boscarol G, Finocchi A, Ghilardi R, Giordano P, Ladogana S, Lassandro G, Luti L, Lanza T, Mandaglio R, Marra N, Martire B, Mastrodicasa E, Motta M, Notarangelo LD, Pillon M, Porretti L, Serafinelli J, Trizzino A, Tucci F, Veltroni M, Verzeznassi F, Ramenghi U, **Dufour C**. *Am J Hematol*. 2019 Feb;94(2):216-222.
20. Stem cell transplantation for congenital dyserythropoietic anemia. An analysis from the European society for blood and marrow transplantation. Miano M, Eikema DJ, Aljurf M, Van't Veer PJ, Öztürk G, Wöfl M, Smiers F, Schulz A, Socié G, Vetterranta K, Diaz de Heredia C, Zecca M, Maertens J, Rovira M, Sierra J, Uckan-Cetinkaya D, Skorobogatova E, Antmen AB, Dalle JH, Markiewicz M, Hamladji RM, Kitra-Roussou V, La Nasa G, Kriván G, Al-Seiraihy A, Giardino S, Risitano AM, Peffault de Latour R, **Dufour C**, *Haematologica*, 2019 Jan24.
21. The diagnosis and treatment of aplastic anemia: a review. Miano M, **Dufour C** *Int J Hematol*. 2015 Jun;101(6):527-35.
22. Management of aplastic anemia after failure of frontline immunosuppression Pierri F, **Dufour C** *Expert Rev Hematol*. 2019 Oct;12(10):809-819.
23. Haploidentical hematopoietic stem cell transplantation in aplastic anemia: a systematic review and meta-analysis of clinical outcome on behalf of the severe aplastic anemia working party of the European group for blood and marrow transplantation (SAAWP of EBMT). ElGohary G, El Fakih R, de Latour R, Risitano A, Marsh J, Schrezenmeier H, Gluckman E, Höchsmann B, Pierri F, Halkes C, Alzahrani H, De la Fuente J, Cesaro S, Alahmari A, Ahmed SO, Passweg J, **Dufour C**, Bacigalupo A, Aljurf M. *Bone Marrow Transplant*. 2020 Oct;55(10):1906-1917.

- 24.** Phase 2 study of nilotinib in pediatric patients with Philadelphia chromosome-positive chronic myeloid leukemia. Hijiya N, Maschan A, Rizzari C, Shimada H, Dufour C, Goto H, Kang HJ, Guinipero T, Karakas Z, Bautista F, Ducassou S, Yoo KH, Zwaan CM, Millot F, Aimone P, Allepuz A, Quenet S, Hourcade-Potelleret F, Hertle S, Sosothikul D. *Blood*. 2019 Dec 5;134(23):2036-2045.
- 25.** Outcomes of allogeneic haematopoietic stem cell transplantation from HLA-matched and alternative donors: a European Society for Blood and Marrow Transplantation registry retrospective analysis. Shouval R, Fein JA, Labopin M, Kröger N, Duarte RF, Bader P, Chabannon C, Kuball J, Basak GW, Dufour C, Galimard JE, Polge E, Lankester A, Montoto S, Snowden JA, Styczynski J, Yakoub-Agha I, Mohty M, Nagler A. *Lancet Haematol*. 2019 Nov;6(11):e573-e584.
- 26.** Haploidentical transplantation and posttransplant cyclophosphamide for treating aplastic anemia patients: a report from the EBMT Severe Aplastic Anemia Working Party. Prata PH, Eikema DJ, Afansyev B, Bosman P, Smiers F, Diez-Martin JL, Arrais-Rodrigues C, Koc Y, Poiré X, Sirvent A, Kröger N, Porta F, Holter W, Bloor A, Jubert C, Ganser A, Tanase A, Ménard AL, Pioltelli P, Pérez-Simón JA, Ho A, Aljurf M, Russell N, Labussiere-Wallet H, Kerre T, Rocha V, Socié G, Risitano A, Dufour C, Peffault de Latour R; SAA WP of the EBMT. *Bone Marrow Transplant*, 2020 Jun;55(6):1050-1058.
- 27.** Long-term outcome of a randomized controlled study in patients with newly diagnosed severe aplastic anemia treated with antithymocyte globulin and cyclosporine, with or without granulocyte colony-stimulating factor: a Severe Aplastic Anemia Working Party Trial from the European Group of Blood and Marrow Transplantation. Tichelli A, de Latour RP, Passweg J, Knol-Bout C, Socié G, Marsh J, Schrezenmeier H, Höchsmann B, Bacigalupo A, Samarasinghe S, Rovó A, Kulasekararaj A, Röth A, Eikema DJ, Bosman P, Bader P, Risitano A, Dufour C; SAA Working Party of the EBMT. *Haematologica*. 2020 May;105(5):1223-1231.
- 28.** Idiopathic neutropenia of infancy: Data from the Italian Neutropenia Registry. Farruggia P, Fioredda F, Puccio G, Onofrillo D, Russo G, Barone A, Bonanomi S, Boscarol G, Finocchi A, Ghilardi R, Giordano P, Ladogana S, Lassandro G, Luti L, Lanza T, Mandaglio R, Marra N, Martire B, Mastrodicasa E, Motta M, Notarangelo LD, Pillon M, Porretti L, Serafinelli J, Trizzino A, Tucci F, Veltroni M, Verzegnassi F, Ramenghi U, Dufour C. *Am J Hematol*. 2019 Feb;94(2):216-222.
- 29.** Long-term outcome after allogeneic hematopoietic stem cell transplantation for Shwachman-Diamond syndrome: a retrospective analysis and a review of the literature by the Severe Aplastic Anemia Working Party of the European Society for Blood and Marrow Transplantation (SAAWP-EBMT). Cesaro S, Pillon M, Sauer M, Smiers F, Faraci M, de Heredia CD, Wynn R, Greil J, Locatelli F, Veys P, Uyttebroeck A, Ljungman P, Chevalier P, Ansari M, Badell I, Güngör T, Salim R, Tischler J, Tecchio C, Russell N, Chybicka A, Styczynski J, Krivan G, Smith O, Stein J, Afanasyev B, Pochon C, Menconi MC, Bosman P, Mauro M, Tridello G, de Latour RP, Dufour C. *Bone Marrow Transplant*. 2020 Sep;55(9):1796-1809.
- 30.** COVID-19 - Impact on Childhood Haematology Patients. Wolfs TFW, Attarbaschi A, Balduzzi A, Bernardo ME, Bomken S, Borkhardt A, Bourquin JP, Dufour C, Gennery A, Grainger J, Hasle H, Hrusak O, Izraeli S, Mechinaud F, Trka J, Vormoor J. *Hemasphere*. 2020 Sep 11;4(5):e465.
- 31.** Association of clinical severity with FANCB variant type in Fanconi anemia. Jung M, Ramanagoudr-Bhojappa R, van Twest S, Rosti RO, Murphy V, Tan W, Donovan FX, Lach FP, Kimble DC, Jiang CS, Vaughan R, Mehta PA, Pierri F, Dufour C, Auerbach AD, Deans AJ, Smogorzewska A, Chandrasekharappa SC. *Blood*. 2020 Apr 30;135(18):1588-1602.
- 32.** Outcome of patients with Fanconi anemia developing myelodysplasia and acute leukemia who received allogeneic hematopoietic stem cell transplantation: A retrospective analysis on behalf of EBMT group. Giardino S, de Latour RP, Aljurf M, Eikema DJ, Bosman P, Bertrand Y, Tbakhi A, Holter W, Bornhäuser M, Rössig C, Burkhardt B, Zecca M, Afanasyev B, Michel G, Ganser A, Alseraihy A, Ayas M, Uckan-Cetinkaya D, Bruno B, Patrick K, Bader P, Itälä-Remes M, Rocha V, Jubert C, Diaz MA, Shaw PJ, Junior LGD, Locatelli F, Kröger N, Faraci M, Pierri F, Lanino E, Miano M, Risitano A, Robin M, Dufour C; Severe Aplastic Anemia and Chronic Malignancies Working Parties of European Blood and Marrow Transplantation group. *Am J Hematol*. 2020 Jul;95(7):809-816.
- 33.** Congenital and Acquired Chronic Neutropenias: Challenges, Perspectives and Implementation of the EuNet-INNOCHRON Action. Papadaki HA, Mavroudi I, Almeida A, Bux J, Cichy J, Dale DC, Donadieu J, Höglund P, Karanfilski O, Mecucci C, Palmblad J, Skokowa J, Stamatopoulos K, Touw I, Warren AJ, Welte K, Zeidler C, Dufour C. *Hemasphere*. 2020 Jun 8;4(3):e406.
- 34.** Gastrointestinal Hemorrhage: A Manifestation of the Telomere Biology Disorders. Himes RW, Chiou EH, Queliza K, Shouval DS, Somech R, Agarwal S, Jajoo K, Ziegler DS, Kratz CP, Huang J, Lucas TL, Myers KC, Nelson AS, DiNardo CD, Alter BP, Giri N, Khincha PP,

McReynolds LJ, Dufour C, Pierri F, Goldman FD, Sherif Y, Savage SA, Miloh T, Bertuch AA. *J Pediatr*. 2021 Mar;230:55-61.e4.

35. Allogeneic stem cell transplantation for acquired pure red cell aplasia Halkes C, de Wreede LC, Knol C, Simand C, Aljurf M, Tbakhi A, Vazquez L, Bloor A, Wagner-Drouet E, Vural F, Bodova I, Isaksson C, Diaz MÁ, Gruhn B, Snowden J, Arat M, Bazarbachi A, Spilleboudt C, Kulagin A, Marsh JC, Passweg J, Risitano AM, Peffault de Latour R, Dufour C; European Society for Blood and Marrow Transplantation Severe Aplastic Anemia Working Party. *Am J Hematol*. 2019 Nov;94(11):E294-E296.

36. Understanding the evolving phenotype of vascular complications in telomere biology disorders Higgs C, Crow YJ, Adams DM, Chang E, Hayes D Jr, Herbig U, Huang JN, Himes R, Jajoo K, Johnson FB, Reynolds SD, Yonekawa Y, Armanios M, Boulad F, DiNardo CD, Dufour C, Goldman FD, Khan S, Kratz C, Myers KC, Raghu G, Alter BP, Aubert G, Bhala S, Cowen EW, Dror Y, El-Youssef M, Friedman B, Giri N, Helms Guba L, Khincha PP, Lin TF, Longhurst H, McReynolds LJ, Nelson A, Olson T, Pariser A, Perona R, Sasa G, Schratz K, Simonetto DA, Townsley D, Walsh M, Stevens K, Agarwal S, Bertuch AA, Savage SA; Clinical Care Consortium for Telomere-associated Ailments (CCCTAA). *Angiogenesis*. 2019 Feb;22(1):95-102.

37. Specific pathways to prevent SARS-CoV-2 infection in case of repeated hospital admissions for radiotherapy Vagelli G, Garrè ML, Garaventa A, Dufour C, Dallorso S, Mesini A, Saffioti C, Scelsi S, Vianello O, Nulchis G, Castagnola E. *Pediatr Blood Cancer*. 2020 Aug;67(8):e28463.

38. FAS-mediated apoptosis impairment in patients with ALPS/ALPS-like phenotype carrying variants on CASP10 gene. Miano M, Cappelli E, Pezzulla A, Venè R, Grossi A, Terranova P, Palmisani E, Maggiore R, Guardo D, Lanza T, Calvillo M, Micalizzi C, Pierri F, Vernarecci C, Beccaria A, Corsolini F, Lanciotti M, Russo G, Ceccherini I, Dufour C, Fioredda F. *Br J Haematol*. 2019 Nov;187(4):502-508.

39. Aplastic Anemia & MDS International Foundation (AA&MDSIF): Bone Marrow Failure Disease Scientific Symposium 2018 Bechtell K, Berlyne D, Pagliuca S, Pommert L, Prata PH, Margolis D, de Latour RP, Dufour C, Pierri F. *Leuk Res*. 2019 May;80:19-25.

40. The passage from bone marrow niche to bloodstream triggers the metabolic impairment in Fanconi Anemia mononuclear cells Cappelli E, Degan P, Bruno S, Pierri F, Miano M, Raggi F, Farruggia P, Mecucci C, Crescenzi B, Naim V, Dufour C, Ravera S. *Redox Biol*. 2020 Sep;36:101618.

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