

Yigal Dror-Round 1

Defining the Clinical Phenotype of Inherited Marrow Failure Syndromes and the Risk Factors for Severe Hematological Complications and Cancer by the Canadian Inherited Marrow Failure Registry (CIMFR)

Funded in partnership with the Childhood Cancer Canada Foundation

Publications

1. Steele JM, Sung L, Klassen R, Fernandez C, Yanofsky R, Wu J, Odame I, Silva M, Kaiser A, Brossard J, Samson Y, Champagne J, Abish S, Le D, Jardine L, Hand JP, Dower N, Lipton J, Freedman M, Charpentier K, Morgovsky L, Stephens D, Dror Y. Canadian Inherited Marrow Failure Registry. Disease progression in recently diagnosed patients with inherited marrow failure syndromes: a report from the Canadian Inherited Marrow Failure Registry. *Pediatr Blood Cancer* 2006;47:918-925.
2. Tsangaris E, Adams SL, Yoon G, Chitayat D, Lansdorp P, Dokal I, Dror Y. Ataxia and pancytopenia caused by a mutation in TINF2. *Hum Genet.* 2008 Dec;124 (5):507-13. Epub 2008 Nov 1. 2.
3. Teo JT, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Silva M, Lipton JH, Brossard J, Samson Y, Abish S, Steele M, Ali K, Athale U, Jardine L, Tsangaris E, Beyene B, Dror Y. Clinical and genetic analysis of unclassifiable inherited bone marrow failure syndromes. *Pediatrics* 2008;122:139-48.
4. Breakey VR, Meyn S, Ng V, Allen C, Dokal I, Lansdorp P, Abl O, Dror Y. Hepatitis-Associated Aplastic anemia presenting as a familial bone marrow failure syndrome. *J Pediatr Hematol Oncol* 2009; 31(11): pp 884-7.
5. Tsangaris E, Klaassen R, Fernandez CV, Yanofsky R, Shereck E, Champagne J, Silva M, Lipton JH, Brossard J, Michon B, Abish S, Steele M, Ali K, Dower N, Athale U, Jardine L, Hand JP, Odame I, Canning P, Allen C, Carcao M, Beyene J, Roifman CM, Dror Y. Genetic analysis of inherited bone marrow failure syndromes from one prospective, comprehensive and population-based cohort and identification of novel mutations. *J Med Genet.* 2011; 48:618-28.
6. Zlateska B, Ciccolini A, Dror Y. Treatment of dyskeratosis congenita-associated pulmonary fibrosis with danazol. *Pediatr Pulmonol* 2015 Dec; 50(12): E48-51

Oral Presentations of Abstracts

1. Manji A, Dhanraj S, Anath C, Adams SL, Scherer SW, Chetty R, Wei A, Dror Y. Pancreatic adenocarcinoma in Shwachman-Diamond syndrome. Report from the Canadian Inherited Marrow Failure Registry (Presented by Dr. Dror). 5th International Congress on Shwachman-Diamond Syndrome. Amsterdam. The Netherlands. June 2009.
2. Allen C, Klaassen R, Fernandez CV, Yanofsky R, Shereck E, Champagne J, Silva M, Lipton JH, Brossard J, Samson Y, Abish S, Steele M, Ali K, Dower N, Athale U, Jardine L, Hand JP, Tsangaris E, Beyene J, Dror Y. Comparative analysis of Shwachman-Diamond syndrome patients with or without SBDS mutations. th International Congress on Shwachman-Diamond Syndrome. Amsterdam. The Netherlands. June 2009.
3. Tsangaris E, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Silva M, Lipton JH, Brossard J, Samson Y, Abish S, Steele M, Ali K, Dower N, Athale U, Jardine L, Hand JP, Beyene J, Odame I, Allen C, Dror Y. The genetic basis of inherited marrow failure in one comprehensive population-based cohort

(Oral Presentation). EWOG Bone Marrow Failure and Myelodysplasia Conference. Rotterdam, The Netherlands. Apr 2009.

4. Kalbfleisch M, Zlateska B, Schechter T, Cada M, Dror Y. Results of hematopoietic stem cell transplantation in patients with Shwachman-Diamond syndrome: A Report from the Canadian Inherited Marrow Failure Study. 7th International Congress on Shwachman-Diamond Syndrome, Toronto, Nov 4-6, 2013

Invited Talks

1. National Anemia Conference, Toronto, ON, Sept 24, 2005. Research Endeavors of the Marrow Failure and Myelodysplasia Program, the Hospital for Sick Children.
2. Aplastic Anemia and Myelodysplasia Association of Canada Education Day. Toronto, ON, Sept 29, 2007. Myelodysplastic Syndromes in Children.
3. Aplastic Anemia and Myelodysplasia Association of Canada Educational Day, Toronto, ON, Oct 4, 2008. Genetic causes of aplastic anemia and myelodysplastic syndromes.
4. Symposium on Myelodysplastic Syndromes. Toronto, ON, May 22, 2009. Myelodysplastic syndromes in children.
5. Pediatric Hematology Update, Toronto, ON, Oct 30-31, 2009. Keynote Speaker, Bone marrow failure syndromes – an evolving story.
6. Aplastic Anemia and Myelodysplasia Association of Canada, Toronto, ON. Nov 2012. Inherited causes of aplastic anemia.
7. Pediatric Hematology Update, Toronto, ON, Oct 19, 2012. What's new in pediatric bone marrow failure syndromes?
8. Department of Pediatric Haematology/Oncology, CHU Ste-Justine, Montreal, Quebec, Jan 22-23, 2014. Visiting Professor: (a) Advances in inherited bone marrow failure syndromes, Pediatric Grand Rounds, (b) Discussion of cases with staff and fellows, (c) research meetings.
9. International Congress on Shwachman-Diamond syndrome, Venice, Italy, April 17-20, 2016. Outcome of Shwachman-Diamond syndrome patients in Canada. Workshop on Registries data.
10. Pediatric Hematology Oncology and BMT Meeting, Haifa, Israel, March 14, 2017. Bone marrow transplantation in inherited bone marrow failure syndrome.

Poster Presentations of Abstracts

1. Maniatis G, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Odame I, Silva M, Lipton JH, Ali K, Brossard J, Samson Y, Abish S, Le D, Dower N, Jardine L, Hand JP, Sung L, Freedman M, Stephens D, Dror Y: DBA Among Other Inherited Marrow Failure Syndromes: A Report from The Canadian Inherited Marrow Failure Registry (CIMFR). The Diamond Blackfan Anemia Foundation, 7th Annual International Diamond Blackfan Anemia Consensus Conference, New York, NY, Mar 11, 2006 - Mar 12, 2006.
2. Maniatis G, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Odame I, Silva M, Lipton JH, Ali K, Brossard J, Samson Y, Abish S, Athale U, Dower N, Jardine L, Hand JP, Steele M, Sung L, Stephens D, Dror Y. Shwachman-Diamond syndrome among the inherited marrow failure syndromes. A report from

the Canadian Inherited Marrow Failure Registry (CIMFR). The Fourth International ShwachmanDiamond Syndrome Congress. Boston, MA. June 10-13, 2007.

3. Hashmi S, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Odame I, Silva M, Lipton JH, Ali K, Brossard J, Samson Y, Abish S, Athale U, Dower N, Jardine L, Hand JP, Steele M, Beyene J, Dror Y. Shwachman-Diamond syndrome among the inherited marrow failure syndromes. A report from the Canadian Inherited Marrow Failure Registry (CIMFR). American Society of Pediatric Hematology/Oncology. May 14-17th, 2007.
4. Hashmi SK, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Silva M, Lipton JH, Brossard J, Samson Y, Abish S, Steele M, Ali K, Dower N, Athale U, Jardine L, Hand JP, Christopher Allen, Beyene J, Dror Y. Shwachman-Diamond syndrome among other inherited marrow failure syndromes. A report from the Canadian inherited Marrow Failure Registry (CIMFR). American Society of Pediatric Hematology/Oncology, Cincinnati, OH. May 14, 2008
5. Hashmi SK, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Champagne J, Silva M, Lipton JH, Brossard J, Samson Y, Abish S, Steele M, Ali K, Dower N, Athale U, Jardine L, Hand JP, Christopher Allen, Beyene J, Dror Y. Shwachman-Diamond syndrome among other inherited marrow failure syndromes. A report from the Canadian inherited Marrow Failure Registry (CIMFR) (Poster). EWOG-MDS conference, Rotterdam, NT, Apr 2009
6. Zlateska B, Hashmi SK, Klaassen R, Fernandez CV, Yanofsky R, Shereck, E, Champagne J, Silva M, Lipton JH, Brossard J, Samson Y, Abish S, Steele M, Ali K, Dower N, Athale U, Jardine L, Hand JP, Beyene J, Dror Y. Comparative analysis of Shwachman-Diamond Syndrome to Other Inherited Bone Marrow Failure Syndromes and Genotype-Phenotype Correlation. International Congress on Shwachman-Diamond syndrome, New York, June 2011
7. Kalbfleisch ME, Cada M, Klaassen RJ, Fernandez CV, Yanofsky R, Pastore Y, Wu JK, Silva M, Lipton JH, Brossard J, Michon B, Abish S, Steele M, Sinha R, Belletrutti MJ, Breakey VR, Jardine L, Goodyear L, Sung L, Bayene J, Schechter-Finkelstein T, Zlateska B, Dror Y. Risk factors for poor survival after hematopoietic stem cell transplantation in inherited bone marrow failure syndromes. 56th American Society of Hematologists Annual Meeting and Exposition, San Francisco, CA, December 7, 2014
8. Zlateska B, Klaassen R, Fernandez CV, Yanofsky R, Wu J, Silva M, Lipton JH, Brossard J, Abish S, Steele M, Jardine L, Sinha R, Breakey V, Michon B, Pastore Y, Goodyear L, Beletrutti M, Waespe N, Dhanraj S, Li H, Cada M, Sung L, Dror Y. Bone Marrow Characteristics In Shwachman-Diamond Syndrome And Hematological Complications. 8th International Congress on Shwachman-Diamond Syndrome, Verona, Italy, April 17-20, 2016.
9. Tsangaris E, Zlateska B, Fernandez C, Klaassen R, Yanofsky R, Steele M, Wu J, Sinha R, Breakey V, Abish S, Jardine L, Michon B, Brossard J, Pastore Y, Goodyear L, Lipton J, Silva M, Belletrutti M, Sung L, Cada M, Dror Y. Misdiagnosis and/or Mistreatment of Children with Shwachman Diamond Syndrome. 8th International Congress on Shwachman-Diamond Syndrome, Verona, Italy, April 17-20, 2016.