

Professor Alex Felice  
Department of Physiology and Biochemistry

1. PACE J L, FELICE AE and FIORENTINO J. The Anomalous Brachial Artery: A Case Report. St Luke's Hospital Gazette (Malta) 5: 1-8, 1969
2. FELICE AE and PARNIS RJ. Pilonidal Sinuses and Their Treatment. St Luke's Hospital Gazette (Malta) 8: 120-121, 1973
3. GRECH JL and FELICE AE. Assessment of a Laboratory Method for Evaluation of Hyperlipoproteinemia. St Luke's Hospital Gazette (Malta) 9: 92-96, 1974.
4. FELICE AE; Detection of Hemoglobin Variants in the Newborn; The Survey Animal and Techniques of Identification. T H J Huisman and J. H. P. Jonxis (Editors), Marcell Dekker, New York (publisher), pp 297-298, 1977.
5. FELICE A E, ABRAHAM E C, MILLER A, COPE N, GRAVELY M and HUISMAN T H J; Post-Translational Control of Human Hemoglobin Synthesis: The Number of  $\alpha$ -Chain Genes and the Synthesis of Hb S. In 'The Red Cell', Alan R Liss, N.Y., 131-154, 1977.
6. HUISMAN T H J, SCHROEDER W A, FELICE AE, POWARS D and RINGELHANN B. An Anomaly in the  $\gamma$  Chain Heterogeneity of the Newborn. Nature 265: 63, 1977.
7. ALTAY G, GARVER F, BANNISTER WH, GRECH JL, FELICE AE and HUISMAN THJ. Detection and Quantitation of the Fetal Hemoglobin Variant Hb F Malta-I in Adults. Biochemical Genetics
8. HUISMAN THJ, GRAVELY ME, HENSON J, FELICE AE, WILSON JB, ABRAHAM EE, VELLA F and LITTLE NW. Variability in the Intraaction of  $\beta$ -Thalassemia with the  $\alpha$  Chain Variants Hb G-Philadelphia and Hb Rampa. J Lab Clin Med 92: 311-320, 1978.
9. ORRINGER EP, FELICE AE, REESE A, WILSON JB, LAM H, GRAVELY ME and HUISMAN THJ. Hb Nottingham ( $\alpha 2 \beta 2$  (FG5) 98 Val Gly) In a Caucasian Male. Clinical and Biosynthetic Studies. Hemoglobin 2: 315-331, 1978.
10. FELICE AE, ABRAHAM E C, MILLER A, STALLINGS M and HUISMAN THJ. Is the Trimodality of Hb Leslie ( $\alpha 2 \beta 2$  131 Gln 0) In Heterozygotes The Result of a Variable Number of Active  $\alpha$ -Chain Genes? Evidence for Post-Translational Control of Hemoglobin Synthesis. Am J Hematol 5: 1-9, 1978.
11. RUIZ-REYES G, FELICE AE and HUISMAN THJ.  $\delta\beta$ -Thalassemia in a Mexican Family: Clinical Differences among Homozygotes. Hemoglobin 2: 513-529, 1978.
12. FELICE AE, WEBBER BB, MILLER A, MAYSON SM, HARRIS HF, HENSON JB, GRAVELY ME and HUISMAN THJ. The Association of Sickle Cell Anemia with Heterozygous and Homozygous  $\alpha$ -

- Thalassemia-2: In vitro Hb Chain Synthesis. Am J Hematol 6: 91-106, 1979.
13. ABU-SIN A, FELICE AE, GRAVELY ME, WILSON JB, REESE A, LAM H, MILLER A and HUISMAN THJ. Hb P-Nilotic in Association with b (zero)-Thalassemia: Cis Mutation of a Hemoglobin b(A) Chain Regulatory Determinant. J Lab Clin Med 93: 973-982, 1979.
  14. FELICE AE and HUISMAN THJ. Observations on the Calculated Contents of Variant and Normal a Chains in Adult and Fetal Erythrocytes. Hemoglobin 3: 475-480, 1979.
  15. FELICE AE, MAYSON SM, WEBBER BB, MILLER A, GRAVELY ME and HUISMAN THJ. Hb S, Hb G-Philadelphia and a-Thalassemia-2 in a Black Family Pediatric Research 14: 266-267, 1980.
  16. HUISMAN THJ, REESE AL, GRAVELY ME, WILSON JB, WEBBER BB, FELICE AE and MILLER A. Interaction of the b Chain Variant Hemoglobin Leslie and the a Chain Variant Hemoglobin Montgomery in a Black Female. Am J Hematol 8: 139-147, 1980.
  17. HUISMAN THJ, REESE AL, GRAVELY M E, WILSON J B, WEBBER BB and FELICE AE. Adult and Fetal Hemoglobin Production in Erythroid Colonies from Subjects with b-Thalassemia or with Hereditary Persistence of Fetal hemoglobin (HPFH). Proceedings of the US-Japan Cooperative Science Program. Hemoglobin 4: 449-467, 1980.
  18. DINCOL G, ALTAY C, AKSOY M, GURGEY A, FELICE AE and HUISMAN THJ. Clinical and Hematological Evaluation of Two d(zero) b Thalassemia Homozygotes. Hemoglobin 5: 153-164, 1981.
  19. FELICE AE, WEBBER BB and HUISMAN THJ. a-Thalassemia and the Production of Different a Chain Variants in Heterozygotes. Biochem Genetics 19: 487-498, 1981
  20. FELICE AE, ALTAY C, MILNER P F and HUISMAN THJ. The Occurrence and Identification of a-Thalassemia-2 among Hb S Heterozygotes. Am J Clin Pathol 76: 70-73, 1981.
  21. HUISMAN THJ, REESE AL, WEBBER B, OKONJO K, ALTAY C and FELICE AE. In vitro Synthesis of Hemoglobin and Hemoglobin Chains in the BFUe-Derived Colonies from Persons with or with b-Thalassemia. Am J Hematol 103: 227-238, 1981.
  22. FUHR, JE, BAMBERGER E, LOZZIO CB, LOZZIO BB, FELICE AE, ALTAY G, WEBBER B B, REESE A L, MAYSON S M and HUISMAN THJ. Identification and Quantitation of Embryonic and Three Types of Fetal Hemoglobin Produced on Induction of the Human Pluripotent Leukemia Cell Line K-562 with Hemin. Am J Hematol. 12: 1-12, 1982.
  23. FELICE AE, OZDONMES R, HEADLEE ME and HUISMAN THJ. Organization of a Chain Genes among Hb-G-Philadelphia Heterozygotes in Association with Hb S, b-Thalassemia and a-Thalassemia-2. Biochem Genetics 20: 689-701, 1982.

24. CLEEK M P, GARDINER M B, REESE A L, HARRIS H F, FELICE AE and HUISMAN THJ. The Atlanta Family with Hb Grady Revisited. Letter to the Editor, Amer J Human. Genetics 35: 1314-1316, 1983.
25. FELICE AE, CLEEK M P, MCKIE K, MCKIE V and HUISMAN THJ. The rare  $\alpha$ -Thalassemia-1 of Blacks is a  $\alpha$ -Thalassemia with Deletion of all  $\alpha$  and  $\zeta$  Globin genes. Blood 63: 1253-1257, 1984.
26. PADANILAM B, FELICE AE and HUISMAN THJ. Partial Deletion of the 5'  $\beta$ -Globin Gene Region Cause  $\beta^0$ -Thalassemia in Members of a Black Family from South Carolina. Blood 64: 941-944, 1984.
27. HENTHORN P S, SMITHIES O, NAKASUTJI J, FELICE AE, GARDINER M B, REESE A L and HUISMAN THJ. A  $[\gamma\text{-d}\text{-}\beta]^0$ -Thalassemia in Blacks is due to a Deletion of 34 KBP of DNA. British J Hematology 59: 343-356, 1985.
28. SCIARRATTA G V, SANSONE G, FELICE AE and HUISMAN THJ. Alternate Organization of  $\alpha$ -G-Philadelphia Globin Genes Among U S Black and Italian Caucasian Heterozygotes: Significance for  $\alpha$ -Globin Gene Expression. Hemoglobin 8: 537-547, 1985.
29. FELICE AE, CLEEK M P, MARINO E M, MCKIE V C, MCKIE K M, CHANG, B K and HUISMAN THJ. Different  $\zeta$  Globin Gene Deletions in Black Americans. Human Genetics 73(3), 221-224, 1986.
30. FELICE AE. Quantitation of Fetal Hemoglobin in "The Hemoglobinopathies" T H J Huisman (editor), Churchill Livingstone, Edinburgh, 15: 90-107, 1986.
31. FELICE AE, CLEEK M P, MARINO E M, KUTLAR A, MCKIE K M, and MCKIE V C. Effects of  $\alpha$ -Thalassemia-2 on the Developmental Changes of Hematological Values in Children with Sickle Cell Disease from Georgia. Am J Hematol 25: 389-400, 1987.
32. FELICE AE, ZHAO J, KUTLAR A, RHODES M, MCKIE K M and MCKIE V C.  $\alpha$ -Thalassemia among Pediatric Hb S Homozygotes; Molecular and Clinical Studies. Ann N Y Acad Sci. 44:333-338, 1989.
33. WILSON J B, WEBBER B B, KUTLAR A, REESE A L, MCKIE V C, LUTCHER C L, FELICE AE and HUISMAN THJ. Hb Evans or  $\alpha_2\beta_2(\text{E11})\text{Val}/\beta\text{Met}\beta_2$ : An Unstable Hemoglobin Causing a Mild Hemolytic Anemia. Hemoglobin ; 13,6, 557-566, 1989
34. LEWIS J P, MCKIE V C, FAUGUET G B and FELICE AE. Quantitation of Erythropoietin Stimulatory Activity Using [ $^3\text{H}$ ]thymidine Uptake by K562 Cells. Exp Hematol 17:103-105 (1989).
35. FELICE AE, Scerri C, ZHAO J B, SINGH N, ANAGNOU N and CHUI D K. Human  $\zeta$  globin Gene Organisation, Deletions and Expression; A Model for 3' Locus Control. manuscript in preparation.
36. KUTLAR F., FELICE AE., GRECH JL., BANNISTER WH., KUTLAR A., WILSON JB, WEBBER BB., Hu H., and HUISMAN THJ. Hb Valletta

[a<sub>2</sub>b<sub>2</sub>(F3)THR-PRO] and Hb F Malta I or [a<sub>2</sub><sup>G</sup>g<sub>2</sub>(G19)117HIS-ARG] Are in Linkage in the Maltese Population. Human Genetics 86, 591 - 598, 1991.

37. FELICE AE. A Comprehensive Genetics Programme for the Care of Children with Hereditary Handicaps. Pediatrics Update; pp 50 - 57, P. Vassallo Agius, R. Parascandalo, and C. Vella, (Editors). School of Medicine, University of Malta, 1992.
38. SCERRI CA., ABELA W., GALDIES R., PIZZUTO ML., GRECH JL., AND FELICE AE. The b<sup>+</sup> IVS, I-NT no. 6 (T - C) thalassaemia in heterozygotes with an associated Hb Valletta or Hb S heterozygosity, and in homozygotes from Malta. Brit. J. Haematol, 83, 669 - 671, 1993
39. FELICE AE. Molecular Epidemiology of Haemoglobin and the Molecular Biology of Globin Gene Expression; in Collected Papers; Collegium Melitense Quatercentenary Celebrations. R. Ellul Micallef and S Fiorini, Editors. University of Malta, 357 - 391, 1993.
40. FELICE A.E. AND PARASCANDALO R. A Comprehensive Genetics Programme for the Early Identification and Care of Children with Hereditary Disease. in The Care and Education of Disabled Children, M. Vassallo (Editor). Media Center (Malta) 19 - 28, 1994.
41. FELICE AE. Reflections on Science Policy; the Key to Sustainable Development. POLITIKA, 3, 7 -14, 1994.
42. BORG I., VALENTINO M., FIORINI A., AND FELICE AE.; Hb Setif [or a94(G1)ASP to TYR] in Malta. Hemoglobin, 91 - 96, 1997
43. PARASCANDALO R., FELICE AE., RIZZO M AND VASSALLO AGIUS P Newborn Screening for Congenital Hypothyroidism in Maltese Newborn using Cord Blood., Maltese Medical Journal, 1997
44. ALSHINAWI C., SCERRI C., GALDIES R., AQUILINA A AND FELICE AE. Two New Missense Mutations (P134T AND A244V) in the Coagulation Factor VII Gene. Human Mutation, 1 - 3, 1997.
45. FELICE AE., BEZZINA WETTINGER S, BUHAGIAR S et al., Molecular Epidemiology of Haemoglobin and the Molecular Biology in vivo Globin Gene Expression. Life Chemistry Reports 15,1, 27 - 36, 1997.
46. FELICE A.E., C. A. SCERRI, A. XUEREB, S.M. KAKONEN, R. GALEA AND M. P. BRINCAT. A Review of Developmental Changes in Bone of Homozygotes with Mild Thalassaemia Alleles. International Journal of Haematology,
47. Felice A.E. (Ed) Abstracts, 6th International Conference on Thalassaemia and the haemoglobinopathies, Malta, April 4 - 8, 1997.
48. Felice AE (Guest Editor) and Bannister JV. Proceedings, Life Science and Biotechnology Symposium, Malta, February 1996. Life Chemistry Reports 15,1, 1997.

49. FELICE AE. Guardianship by Peer Review in Genetic Engineering and Biotechnology. *Medicine and Philosophy*, 117 - 129, 1998.
50. BEZZINA WETTINGER S., GALDIES R AND FELICE AE. Characterisation and Locus Assignment of Two  $\alpha$  Globin Variants found in the Maltese Population. *HEMOGLOBIN*, 23, 2, 145 – 157, 1999.
51. MARWAN, M.M., SCERRI, C.A., ZARROAG, S.O., CAO A, KYRRI, A , KALOGIROU, E , KLEENTHOUS M. , IOANNOU P, ANGASTINIOTIS M AND FELICE, AE: Comparative *in vivo* expression of  $\beta^+$  thalassaemia alleles. *HEMOGLOBIN* 23, 3, 221 – 230, 1999.
52. GASPARINI, P., RABIONET R., BARBUJANI P., MELCHIONDA S., PETERSEN M., BRONDUM NIELSEN K., METSPALU A., OITMA E., PISANO M., FORTINA P., ZELANTE L., ESTIVIL X., AND THE GENETIC ANALYSIS CONSORTIUM OF GJB2 35delG. High Carrier frequency of the 35delG deafness mutation in European populations. *European Journal of Human Genetics* 8, 19 – 23, 2000. – **MOST CITED EJHG ARTICLE IN YEAR 2000.**
53. JOSIFIVA DJ, SCERRI CA, VASSALLO N, BUHAGIAR S, BEZZINA WETTINGER S, PLIS S, FARRUGIA R, ATTARD MONTALTO S, PARASCANDALO R FELICE AE; Significance of Molecular Epidemiology in a Small Island population. *Genetics Epidemiology* 2001 (submitted).
54. JOSIFOVA D., GATT G., AQUILINA A., SERAFIMOV V., VELLA A., AND FELICE AE. Treatment of Leg Ulcers with Platelet Derived Wound Healing Formula in a Patient with Beta Thalassaemia Intermedia. *British Journal of Haematology* 112, 2, 528 – 529, 2001.
55. FENECH AG., EBEJER MJ., FELICE AE., Ellul-Micallef R. and HALL RP. Mutation Screening of the Muscarinic M2 and M3 Receptor Genes in Normal and Asthmatic Subjects. *Brit. J. Pharmacology* 133, 43 – 48, 2001.
56. FENECH AG., Billington CK., Swan C., Richards S., Hunter T., EBEJER MJ., FELICE AE., Ellul-Micallef R. and HALL RP. Novel polymorphisms Influencing Transcription of the Human CHRM2 Gene in Airway Smooth Muscle. *Am. J. Respir. Cell Mol. Biol.*, 30, 678 – 686, 2004.
57. FENECH AG., WHEATLEY AP., EBEJER MJ., FELICE AE., Ellul-Micallef R. and HALL RP. Functional Muscarinic M2 Receptor Promoter Polymorphisms Predispose to the development of Asthma.
58. Pulis S., Scerri CA. And FELICE AE; Differential expression of the Gg XMN I site in newborn and adult thalassaemia. *HEMOGLOBIN* in press 2007.
59. Farrugia R., Scerri CA., Attard Montalto S., Parascandalo R., Neville BRG and FELICE AE Molecular Pathology of TetrahydroBiopterin (BH4) Deficiency. *European Journal of Human Genetics*, submitted.

60. Neville BRG., Parascandalo R., Attard Montalto S., Farrugia R., and FELICE AE. A Congenital Dopa responsive Motor Disorder: a Maltese Variant due to Sepiapterin Reductase Deficiency. *BRAIN*, 128, 2291 – 2296, 2005
61. The Geoparkinson group Genes and gene-environment interactions as risk modifiers for Parkinson's disease: the Geoparkinson study. *NEUROLOGY*, 2005 Submitted
62. The Geoparkinson study group Environmental risk factors for Parkinson's disease: the Geoparkinson study. *NEUROLOGY*, 2005, submitted.
63. Abela Medici J., Bezzina Wettinger S., Scerri CA., and FELICE AE. Comparative Frequency of Coagulation Factor II and Coagulation Factor V alleles among Newborn and Senior Citizens. *Malta Medical Journal*, in press, 2005.
64. Scicluna B. , FELICE AE. Proteomic Detection of Gamma Globin Gene Associated Nuclear Factors
65. Capelli C., Redhead N., Novelletto A., Terrenato L., Malaspina P., Poulliz., Lefranc G., Megarbane A., Delague V., Romano V., Cali F., Pascali VF., Fellous M., FELICE AE., and Goldstein DB. Population Structure in the Mediterranean Basin; A Y Chromosome Perspective. *Annals of Human Genetics* 69, 1 - 20, 2005
66. Blundell R and Felice AE; Detection of new genomic landmarks in the Maltese Goat using Rapid PCR. *Journal of Animal and Veterinary Advances*, 5(7) 602 – 607, 2006