ATE AMERICAN SOCIETY OF HEMATOI		BLOOD,56, 1, 59a.1985.
Trison to whom all correspondence and notification regarding this correct should be addressed: Itame		Mail to: National Office American Society of Hematology Abstract Division 6900 Grove Rd.
		Thorofare, New Jersey 08086
		Thoronare, New 2013by 66666
Those Number (404) 724-5116, Ex	ttension 2457	DO NOT FOLD!
Indicate me wheethin:		TYPE ABSTRACT BERE!
Indigate membership: Y American Society of Hematology Council on Thrombosis Please reed abstract carefully before mailing. An additional charge of \$15 will be assessed for all editorial corrections (consult accompanying	ASSOCIATION WITH α - Marino*, K.M. McKie Sickle Cell Center, Biology and Pediatr	OLOGY OF SS AND SC DISEASE IN THALASSEMIA-2. A.E. Felice, E.M. *, and V.C. McKie*. Comprehensive Departments of Cell and Molecular ics, Medical College of Georgia,
Rules).	Augusta GA.	conjugation of the O. T. and Y. alakin.
Check Appropriate Category Red Cell Structure & Function Anemias Hemoglobinopathies and Thalassemias Hematopoietic Cell Proliferation and Differentiation Hematopoietic Growth Factors Granulocytes and Monocytes mphocytes ne Marrow Failure Molecular Oncology Leukemias and Myeloproliferative Disorders Lymphomas and Plasma Cell Dyscrasias Itamunohematology Transfusion Coagulation and Thrombosis Platelets Bone Marrow Transplantation	genes have been det attending the Pedia The patients were p studies on possible changes accompanyin composition were ob of different ages a globin genes. All or SC, and normal γ of α genes due to n heterozygosity (-α/I or type II, -3.7 frequencies; SS: 0. α-thal-2, nor the tobserved in our pat gene frequency was life. Hematologic interactions between but not SC patients	ganization of the α , ζ and γ globin ermined on the DNA of 400 patients tric Sickle Cell Clinics of our Center. articipating in long-term prospective effects of α -thal on the hematological g postnatal development. CBC and Hb tained in the steady state on patients nd correlated with the number of α patients included in this study had SS and ζ genes but differed in the number ormal α genotypes $(\alpha\alpha/\alpha\alpha)$; α -thal-2 $\alpha\alpha$; and homozygozity $(-\alpha/-\alpha)$. The type Kb α -thal-2 had the following gene 18; SC: 0.19. Neither the -4.2 Kb ype III -3.7 Kb α -thal-2 have been ients. For both SS and SC patients, the invariant in the first two decades of al analyses revealed complex n α -thal, Hb F and development among SS. Although the MCV and RBC values of
The submission fee is \$25. Make checks payable to the American Society of Hematology. Abstracts. of work that has been published or presented at a national meeting prior to December 1, 1985 will not be accepted for the program or, if accepted, will not be presented. If similar work has been published or presented the original features of this study should be outlined in the covering letter. The material in this abstract will have been presented at a national meeting or published as a full pair prior to December 1, 1985.	erythrocytosis due patients with αα/αα age of 5 to 7 yrs. Hb levels than the those of the SS αα/the proportion of H Hb F levels of the similar after 7 yrs were similar after patients under 5 yr SS -α/αα or SS; -α/development of the	dren gave the expected microcytosis and to α -thal, the Hb levels of the SS, $-\alpha/\alpha\alpha$ or $-\alpha/-\alpha$ were the same up to the Older children with SS $-\alpha/-\alpha$ had higher SS $-\alpha/\alpha\alpha$ which in turn were higher than $\alpha\alpha$. This difference emerged only after b F declined to levels under 15%. The SS patients with 4, 3, or 2 α genes were while for the SC patients, the values 3 yrs. The MCHC of the SS; $\alpha\alpha/\alpha\alpha$ s of age could be as low as that of the $-\alpha$. This might be due to asynchronous MCH and MCV values in young children nt numbers of α globin genes.
If accepted for a poster session. Y I would present I would not present	Member's signature	Cellia.

Member's signature

(each member may sponsor two abstracts)