

1. Record Nr.	UNINA9910144659703321
Titolo	Iron metabolism // editors, Ruth Porter. David W. FitzSimons
Pubbl/distr/stampa	Amsterdam : , : Elsevier/Excerpta Medica/North-Holland New York : , : Elsevier/North-Holland, , 1977
ISBN	0-444-15273-3 1-280-78365-6 9786613694041 0-470-72032-8 0-470-71801-3
Descrizione fisica	1 online resource (viii, 391 pages) : illustrations
Collana	Ciba Foundation symposium (new series) ; ; 51
Disciplina	616.3/99
Soggetti	Iron - Metabolism - Disorders Iron - Metabolism Iron proteins
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Iron Metabolism held at the Ciba Foundation, London, 7-9th December, 1976"--Participants page.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Iron Metabolism; Contents; Some physicochemical aspects of iron metabolism; Discussion; The structure and function of ferritin; Discussion; Ferritin phenotypes: structure and metabolism; Discussion; General discussion I; Haemosiderin; Iron centres and rate-limiting spans in the respiratory chains of mitochondria from adult and fetal rats; Discussion; An intracellular transit iron pool; Discussion; Siderophores: diverse roles in microbial and human physiology; Discussion; Transferrin: physiology and function in iron transport; Discussion; Iron kinetics and erythropoiesis; Discussion Control of iron delivery to haemoglobin in erythroid cells; Discussion; Biogenic monoamine metabolism and functional activity in iron-deficient rats : 2 behavioural correlates; Discussion; Monoamine metabolism and platelet function in iron-deficiency anaemia; Discussion; Iron status, immune response and susceptibility to infection; Discussion; Haem synthesis in sideroblastic anaemia; Discussion; The liver in thalassaemia major: ultrastructural

observations; Discussion; Lysosomal disruption in the pathogenesis of hepatic damage in primary and secondary haemochromatosis; Discussion  
Iron, zinc, free radicals and oxygen in tissue disorders and cancer control; Discussion; General discussion II; Serum ferritin; Control of transferrin synthesis; Transfer of iron through the cell; Chairman's closing comments; Index of contributors; Subject index

---