

1. Record Nr.	UNINA9910643784303321
Titolo	CIBA Foundation Symposium on Quinones in Electron Transport [[electronic resource]] : [Papers and discussions] / / editors for the Ciba Foundation: G.E.W. Wolstenholme and Cecilia M. O'Connor
Pubbl/distr/stampa	Boston, : Little Brown, [1961?]
ISBN	1-280-76872-X 9786613679499 0-470-71921-4 0-470-71672-X
Descrizione fisica	1 online resource (474 p.)
Collana	Novartis Foundation Symposia ; ; v.947
Altri autori (Persone)	Wolstenholme G. E. W (Gordon Ethelbert Ward) O'Connor Cecilia M <1927-> (Cecilia Mary)
Disciplina	612.015
Soggetti	Quinone Biochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	CIBA FOUNDATION SYMPOSIUM ON QUINONES IN ELECTRON TRANSPORT; CONTENTS; Chairman's opening remarks; Isolation and characterization of ubiquinone (coenzyme Q) and ubiquinone; Discussion; Isolation and characterization of the coenzyme Q (ubiquinone) group and plastoquinone; Discussion; Chemistry of ubiquinone and related compounds; Discussion; Coenzyme Q. XXIII. Organic and biological studies; Discussion; Coenzyme Q and electron transport; Discussion; The oxidation of quinols by mitochondrial preparations; Discussion; In vitro phosphorylation involving oxidation of quinol phosphates Discussion Short communication: Chroman formation and its role in oxidative phosphorylation; Studies on the biosynthesis of the ubiquinone (coenzyme Q) series in animals and micro-organisms; Discussion; Biosynthesis of some monobenzenoid quinones; Discussion; Studies on the biosynthesis of the terpenoid side chains of quinones; Discussion; Biosynthesis of ubiquinones; Discussion; The biosynthesis of coenzyme Q in the rat; Discussion; Short

communication: Diet-induced changes in ubiquinone and
ubichromenol levels in the rat; Discussion
Recent investigations on the chemistry and fonction of vitamin
K Discussion; Direct spectroscopic observations of the oxidation-
reduction re- actions of ubiquinone in heart and kidney mitochondria;
Discussion; The possible role of ubiquinone (coenzyme Q) in the
respiratory Chain; Discussion; Histochemical studies of the effects of
coenzyme Q₁₀ and menadione on oxidative enzymes in normal and
neoplastic cells; Discussion; The possible role of plastoquinone (Q-
254) in the electron transport system of photosynthesis; Discussion;
General discussion; Chairman's closing remarks
