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| Descrizione fisica      | 1 online resource (455 p.)   |
| Collana                 | Ciba Foundation symposium  |
| Altri autori (Persone)  | WhelanW. J (William Joseph)<br>CameronMargaret P   |
| Disciplina              | 574.13   |
| Soggetti                | Glycogen - Metabolism<br>Electronic books.   |
| 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 and indexes.   |
| Nota di contenuto       | CONTROL OF GLYCOGEN METABOLISM; Preface; Contents; Chairman's opening remarks; Basic Processes of Glycogen Metabolism; Structure of glycogen and its amyolytic degradation; Discussion; Physical characteristics of undegraded glycogen; Discussion; Intestinal hydrolysis and absorption of glycogen-derived oligosaccharides; Discussion; Role of uridine diphosphate glucose in the synthesis of glycogen; Discussion; Branching enzyme; Discussion; The structure of phosphorylases; Discussion; The influence of phosphorylase on the structure of glycogen; Discussion<br>The enzymic debranching of glycogen and the role of transferaseThe role of oligo-l,4 ->1,4-glucontransferase and amylo-1,6-glicosidase in the debranching of glycogen; The mechanism of action of amylo-1,6-glicosidase; Discussion; Animal tissue y-amylase and its role in the metabolism of glycogen; Discussion; General discussion; Basic processes of glycogen metabolism; Control of Glycogen Metabolism; Interconversion reactions of muscle phosphorylases b and a; Regulation of glycolysis in skeletal muscle; Discussion |

The cellular location of adenylyl cyclase and adenosine-3,5'-phosphate in *Escherichia coli* Discussion; Biochemical effects of adrenaline on intestinal smooth muscle; Discussion; Regulation of glycogenolysis in muscle; Discussion; Insulin and the control of UDPG-glucan transglucosylase activity; Discussion; Possible indirect effects of adrenaline on glycogen metabolism; Discussion; Hexokinase and glucokinase; Discussion; Glycogen Storage Diseases; Clinical manifestations of glycogen storage diseases; Discussion; Glycogen storage disease, Type I; Discussion  
Glycogen storage diseases, Types III, IV, and VI Discussion; Glycogen storage disease, Type II; Discussion; Glycogen storage disease, Type V; Discussion; Glycogen synthetase deficiency; Discussion; Studies of storage disease glycogens; Discussion; General Discussions; Glycogen storage diseases; Diagram of glycogen synthesis and degradation; Enzyme nomenclature; Author index; Subject index

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