

1. Record Nr.	UNINA9911019345803321
Titolo	Growth control in cell cultures : a Ciba Foundation Symposium // edited by G.E.W. Wolstenholme and Julie Knight
Pubbl/distr/stampa	London, : Churchill Livingstone, 1971
ISBN	9786613679246 9781280768477 1280768479 9780470719817 0470719818 9780470717462 0470717467
Descrizione fisica	1 online resource (298 p.)
Collana	Ciba Foundation symposium
Altri autori (Persone)	WolstenholmeG. E. W (Gordon Ethelbert Ward) KnightJulie
Disciplina	591.8/7
Soggetti	Tissue culture Virology - Cultures and culture media
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	GROWTH CONTROL IN CELL CULTURES; Contents; Chairman's introduction; Studies of serum factors required by 3T3 and SV3T3 cells; Discussion; Conditions affecting the response of cultured cells to serum; Discussion; Factors controlling the multiplication of untransformed and transformed BHK21 cells under various environmental conditions; Discussion; The significance of surface structure changes for growth control under crowded conditions; Discussion; Regulation of cell multiplication in tissue culture; Discussion; Molecular exchange and growth control in tissue culture; Discussion Attempts to isolate SV40 transformation factorDiscussion; Growth regulation in cultures of chick embryo fibroblasts; Discussion; SV40 transformation and cellular growth control; Discussion; Growth control between dissimilar cells in culture; Discussion; Specific growth regulation in early subcultures of human diploid fibroblasts;

Discussion; Transport and phospholipid changes related to control of growth in 3T3 cells; Discussion; Aspects of membrane structure and function in Escherichia coli; Discussion; General Discussion; Chairman's closing remarks

Appendix: growth properties of normal and trans- formed cells  
Author index; Subject index

---

Sommario/riassunto

The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.

---