

Plenary Talks

High Throughput Challenges in Molecular Cell Biology: The CELL MAP

John J.M Bergeron, Miche Desjardins, David Y. Thomas, Robert E. Kearney, McGill University

The complete elucidation of the protein complement of all compartments of the eukaryotic cell is under way. This poses logistical problems in sample preparation and high throughput but exhaustive characterization. Using examples of protein characterization of organelles by mass spectrometry and the validation of protein function by DNA chips, the engineering and bioinformatics challenges in proteomics and genomics will be illustrated.

Report Documentation Page

Report Date 25 Oct 2001	Report Type N/A	Dates Covered (from... to) -
Title and Subtitle High Throughput Challenges in Molecular Cell Biology: The CELL MAP		Contract Number
		Grant Number
		Program Element Number
Author(s)	Project Number	
	Task Number	
	Work Unit Number	
Performing Organization Name(s) and Address(es) McGill University Canada		Performing Organization Report Number
Sponsoring/Monitoring Agency Name(s) and Address(es) US Army Research, Development & Standardization Group (UK) PSC 802 Box 15 FPO AE 09499-1500		Sponsor/Monitor's Acronym(s)
		Sponsor/Monitor's Report Number(s)
Distribution/Availability Statement Approved for public release, distribution unlimited		
Supplementary Notes Papers from 23rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Oct 25-28, 2001, held in Istanbul, Turkey. See also ADM001351 for entire conference on cd-rom		
Abstract		
Subject Terms		
Report Classification unclassified	Classification of this page unclassified	
Classification of Abstract unclassified	Limitation of Abstract UU	
Number of Pages 1		