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(54) Title: CELL CULTURE SYSTEMS AND USES THEREOF

(57) Abstract: Systems for monitoring and controlling cell culture comprise a cell culture apparatus operably associated with a controller. The controller comprises a hardware processor coupled to memory containing instructions executable by the processor to cause the controller to receive data associated with cells to be cultured; connect to one or more databases to receive cell culture protocol data; and determine a cell culture protocol for the cells to be cultured. Methods of determining a cell culture protocol comprise receiving data associated with cells to be cultured; connecting to one or more databases to receive data about cell culture protocols; and determining a cell culture protocol for the cells to be cultured.