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METHOD OF COMPUTER VIDEOMICROSCOPY OF CELL CULTURES IN THEIR LIFETIME

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Computer videocomplex includes:

- Inverted microscope
- Thermochamber of inverted microscope
- Videochamber
- Personal computer for recording and analyzing videorecords

Computer videomicroscopy allows continuous and prolonged (up to several months) observation of cell cultures. This makes it possible to monitor dynamics in changing cell populations, to record fast-proceeding processes and to analyze causes of some or other changes.

Process of mitotic cell division
(Still sequence is given from the videorecord obtained by computer videomicroscopy).

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