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Sommario/riassunto	<p>In biotechnology the current downstream processing trends are directed towards integrated, faster and more effective processes. Electrofiltration is a hybrid method which is a combination of membrane filtration and electrophoresis in a dead-end process. Spatially distributed process analysis together with the applicability of electrofiltration for technically important biopolymers such as PHB, chitosan and hyaluronic acid enables the implementation of the technology into industry.</p>