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NEW TOOLS FOR PURIFICATION AND IN-PROCESS ANALYSIS OF EXOSOMES

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Exosomes bring a new set of challenges to purification and equally to in-process analysis. Some of those challenges are in common with proteins, some are in common with virus particles, but many are unique to exosomes. This leads to the conclusion that the traditional tool box needs to be extended. In this poster we introduce a valuable new process tool and two new high through put in-process assay tools. Analytical results from a new approach to exosome purification demonstrate the utility of all three..

BIOGRAPHY

Ales Strancar is the CEO of BIA Separations and one of the main inventors of the CIM Convective Interaction Media® monolithic columns (new generation of chromatographic support). He is author or co-author of more than 90 scientific papers dealing with separation and purification technologies and is now one of top cited Slovenian scientists. He is a co-author of five granted USA patents and their foreign equivalents, more pending, in the field of biomolecule separations and purification. As well he is a co-author of several book chapters dealing with novel chromatography technologies for biomolecule separation. He co-developed a number of industrial scale purification processes among them for Octapharma, Vienna and for Boehringer Ingelheim, Vienna.

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