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“DEP Array - Image based
sorting of viable, 100% pure
single cells”

19 March 2013, 11:00 (*s.t.*)

Venue: 2nd Floor Seminar Room
Institute of Molecular Biology (IMB)
Johannes Gutenberg University Campus Mainz

All are welcome to attend

Abstract:

"DEP Array - Image based sorting of viable, 100% pure single cells"

Isolating a specific rare/individual cell from a given sample can be a critical exercise. Traditional techniques do not always guarantee the specificity, the mono-cellularity, and the survival of the selected cells, which provides challenges for subsequent molecular analyses or other downstream use of these cells. The novel DEPArray technology combines dielectric cage cell handling and multichannel identification and provides new ways to isolate individual and healthy cells for a number of applications. Basic principles, new possibilities, and analytical data for a variety of examples will be presented in this talk.