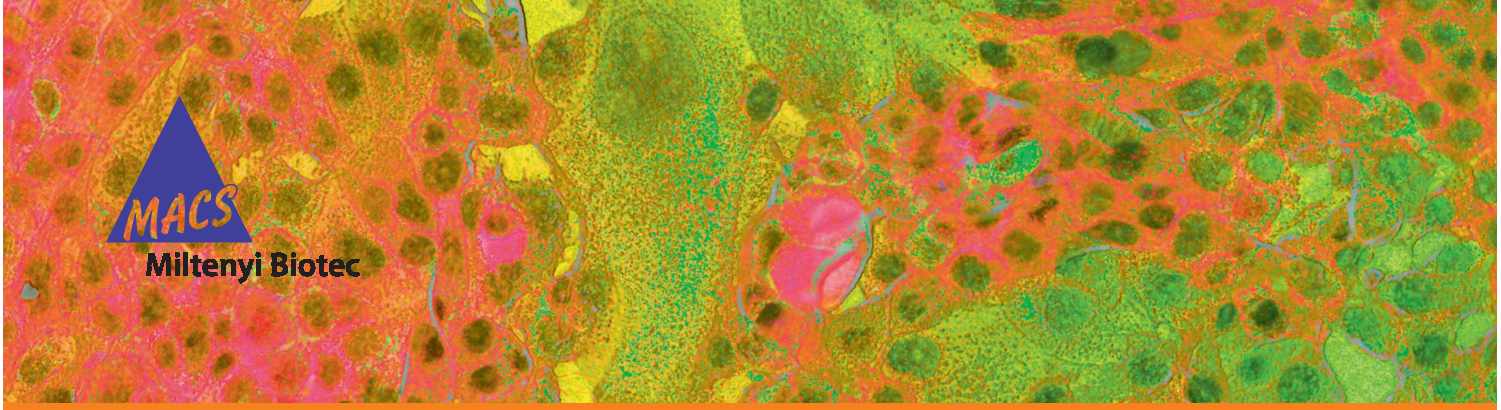


Seminar

A Complete Cancer Workflow - Isolating Pure Primary Cell Populations

IMCB Seminar Room Level 3-46
61 Biopolis Drive, Singapore 138673

Speaker: Dr. Carsten Studte

Date: 29th October 2018
Time: 10am to 11am

Cancer research is expanding from a focus on tumor cells to analyzing the entire tumor microenvironment.

Immune cells for example have shown great potential for cancer immunotherapy. To develop novel immune-based therapy strategies, it is essential to study the interaction and phenotypes of immune and tumor cells within the tumor microenvironment in detail. In this seminar, Dr. Carsten Studte will introduces a sophisticated workflow that allows the isolation of tumor cell subpopulations and tumor-infiltrating leukocytes (TILs). You will learn about optimized techniques for the dissociation of tumor tissue as well as the analysis of tumor cells and tumor-infiltrating immune cell subpopulations by flow cytometry.

In addition the possibility of isolating cells from FFPE slices will be presented and fast and easy protocols for the isolation and analysis of exosomes, which are becoming an increasingly important aspect of cancer research.

Host: Dr Manikandan LAKSHMANAN

Dr. Carsten Studte

Global Product Manager - Cancer Research
Miltenyi Biotec GmbH, Germany

Carsten Studte is responsible for the Cancer Research portfolio at Miltenyi Biotec GmbH.

He studied Biology at the Albert-Ludwigs-University in Freiburg, Germany and the Federal University of Santa Catarina in Florianópolis, Brazil. In 2012 he obtained his PhD in Biochemistry from the Ludwig-Maximilians-University in Munich, Germany.

In his current position Carsten is focusing on new developments in cancer research aiming at tumor dissociation, cell separation and cell analysis. His interests lie in the search of new ways to support cancer researches, by providing them with novel tools to advance research and fight cancer.

▸ **miltenyibiotec.com**

Miltenyi Biotec Asia Pacific Pte Ltd. | 100 Beach Road | #28-06 to 28-08 Shaw Tower | Singapore 189702 | Phone +65 6238 8183 | Fax +65 6238 0302
macs@miltenyibiotec.com.sg | **www.miltenyibiotec.com**

Miltenyi Biotec provides products and services worldwide. Visit **www.miltenyibiotec.com/local** to find your nearest Miltenyi Biotec contact.

Unless otherwise specifically indicated, Miltenyi Biotec products and services are for research use only and not for therapeutic or diagnostic use.
MACS and the MACS logo are registered trademarks or trademarks of Miltenyi Biotec GmbH and/or its affiliates in various countries worldwide.
Copyright © 2017 Miltenyi Biotec GmbH and/or its affiliates. All rights reserved.