

## Selected publications on the GILUPI CellCollector®

[“Analysis of Circulating Tumor Cells in Patients with Non-Metastatic High-Risk Prostate Cancer before and after Radiotherapy Using Three Different Enumeration Assays”](#)

Budna-Tukan J, Świerczewska M, Mazel M, Cieślikowski WA, Ida A, Jankowiak A, Antczak A, Nowicki M, Pantel K, Azria D, Zabel M, Alix-Panabières C. *Cancers*. 2019

[“In Vivo Detection of Circulating Tumor Cells in High-Risk Non-Metastatic Prostate Cancer Patients Undergoing Radiotherapy”](#)

Chen S, Tauber G, Langsenlehner T, Schmölzer LM, Pötscher M, Riethdorf S, Kuske A, Leitinger G, Kashofer K, Czyż ZT, Polzer B, Pantel K, Sedlmayr P, Kroneis T, El-Heliebi A. *Cancers*. 2019

[“In Situ Detection and Quantification of AR-V7, AR-FL, PSA, and KRAS Point Mutations in Circulating Tumor Cells.”](#)

El-Heliebi A, Hille C, Laxman N, Svedlund J, Haudum C, Ercan E, Kroneis T, Chen S, Smolle M, Rossmann C, Krzywkowski T, Ahlford A, Darai E, von Amsberg G, Alsdorf W, König F, Löhr M, de Kruijff I, Riethdorf S, Gorges TM, Pantel K, Bauernhofer T, Nilsson M, Sedlmayr P. *Clinical Chemistry*. 2018

[“Multiplex Gene Expression Profiling of In Vivo Isolated Circulating Tumor Cells in High-Risk Prostate Cancer Patients”](#)

Markou A, Lazaridou M, Paraskevopoulos P, Chen S, Swierczewska M, Budna J, Kuske A, Gorges TM, Joosse SA, Kroneis T, Zabel M, Sedlmayr P, Alix-Panabières C, Pantel K, Lianidou ES. *Clinical Chemistry*. 2017

[“Characterization of Tumor Cells Using a Medical Wire for Capturing Circulating Tumor Cells: A 3D Approach Based on Immunofluorescence and DNA FISH”](#)

Gallerani G, Cocchi C, Bocchini M, Piccinini F, Fabbri F. *Journal of Visualized Experiments*. 2017

[“Using the New CellCollector to Capture Circulating Tumor Cells from Blood in Different Groups of Pulmonary Disease: A Cohort Study”](#)

He Y, Shi J, Shi G, Xu X, Liu Q, Liu C, Gao Z, Bai J, Shan B. *Chinese Journal of Cancer Research*. 2017

[“Enumeration and molecular characterization of circulating tumor cell using an in vivo capture system in squamous cell carcinoma of head and neck”](#)

Zhang H, Gong S, Liu Y, Liang L, He S, Zhang Q, Si M, Yu Z. *Scientific Reports*. 2017

[“Circulating tumor cells in patients with breast tumors were detected by a novel device: a multicenter, clinical trial in China”](#)

Li JB, Geng CZ, Yan M, Wang YS, Ouyang QC, Yin YM, Wu LN, He J, Jiang ZF. *Zhonghua Yi Xue Za Zhi*. 2017

[“In-vivo isolation of circulating tumor cells in non-small cell lung cancer patients by CellCollector”](#)

Gasiorowski L, Dyszkiewicz W, Zielinski P. *Neoplasma*. 2017

[“Highly Selective Capture Surfaces on Medical Wires for Fishing Tumor Cells in Whole Blood”](#)

Scherag FD, Niestroj-Pahl R, Krusekopf S, Lücke K, Brandstetter T, Rühle J. *Analytical Chemistry*. 2016

[“A comparison of CellCollector with CellSearch in patients with neuroendocrine tumours”](#)

Mandair D, Vesely C, Ensell L, Lowe H, Spanswick V, Hartley JA, Caplin ME, Meyer T. *Endocrine-related Cancer*. 2016

[“Improved detection of circulating tumor cells in non-metastatic high-risk prostate cancer patients”](#)

Kuske A, Gorges TM, Tennstedt P, Tiebel AK, Pompe R, Preißer F, Prues S, Mazel M, Markou A, Lianidou E, Peine S, Alix-Panabières C, Riethdorf S, Beyer B, Schlomm T, Pantel K. *Scientific Reports*. 2016

[“The Use of a New CellCollector to Isolate Circulating Tumor Cells from the Blood of Patients with Different Stages of Prostate Cancer and Clinical Outcomes – A Proof-of-Concept Study”](#)

Theil G, Fischer K, Weber E, Medek R, Hoda R, Lücke K, Fornara P. *PLoS one*. 2016

[“Enumeration and Molecular Characterization of Tumor Cells in Lung Cancer Patients Using a Novel In Vivo Device for Capturing Circulating Tumor Cells”](#)

Gorges TM, Penkalla N, Schalk T, Joosse SA, Riethdorf S, Tucholski J, Lücke K, Wikman H, Jackson S, Brychta N, von Ahsen O, Schumann C, Krahn T, Pantel K. *Clinical Cancer Research*. 2015

[“A novel method for the in vivo isolation of circulating tumor cells from peripheral blood of cancer patients using a functionalized and structured medical wire”](#)

Saucedo-Zeni N, Mewes S, Niestroj R, Gasiorowski L, Murawa D, Nowaczyk P, Tomasi T, Weber E, Dworacki G, Morgenthaler NG, Jansen H, Propping C, Sterzynska K, Dyszkiewicz W, Zabel M, Kiechle M, Reuning U, Schmitt M, Lücke K. *International Journal of Oncology*. 2012