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Further the liquid biopsy: Gathering pieces of the puzzle of Genometastasis Theory

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Abstract

Metastasis is the major cause of mortality in cancer disease and still constitutes one of the most controversial mechanism, not yet fully understood. What is almost beyond doubt is that circulatory system is crucial for cancer propagation. Regarding this system, much attention has been recently paid to liquid biopsy. This technique is aimed to detect circulating tumor cells (CTCs) and circulating nucleic acids so it can be used as a tool for diagnostic, prognostic and follow-up of patients. Whereas CTCs

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With refinements in the process and technology, molecular **liquid biopsies** have ... us to put the **puzzle** together to understand the tumor through a tube of blood.

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Roche - What is liquid biopsy?

www.roche.com/research_and_development/what.../liquid-biopsy.htm ▾ [翻译此页](#)

2017年4月10日 - A **liquid biopsy** is a simple and non-invasive alternative to surgical biopsies ... and they may not have the same ones in all **parts** of the cancer.

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GEN Roundup: Liquid Biopsies Remain Wait and See for Some ...

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2017年5月15日 - GEN interviewed a number of **liquid biopsy** experts to learn more about ... to primary tumor data to show that the **liquid biopsy** approach **works**, ...

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5294956/>

4 Jan 2017 ... Detection of tumor-specific DNA methylation through a **liquid biopsy** is another ... The multiple-hit **theory** of cancer describes a series of genetic ... Serial ctDNA testing every six months **further** predicted recurrence. ... You may notice problems with the display of certain **parts** of an article in other eReaders.

[LIQUID BIOPSY: GATC Biotech](#)

<https://www.gatc-biotech.com/en/expertise/liquid-biopsy.html>

Liquid biopsies are non-invasive tests for monitoring of disease progression based on the genomic analysis of biomarkers most often extracted from blood.

[Emerging concepts in liquid biopsies | BMC Medicine | Full Text](#)

<https://bmcmedicine.biomedcentral.com/.../10.../s12916-017-0840-6>

6 Apr 2017 ... As tumors shed **parts** of themselves into the circulation, analyses of circulating ... Finally, we discuss whether **liquid biopsies** are ready to be used in ... Cell-free DNA Circulating tumor DNA Circulating tumor cells Liquid ... In the context of cancer and according to the somatic mutation **theory** of cancer [53]. ...

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<https://www.theguardian.com/.../cancer-detection-liquid-biopsies>

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[\[PDF\] Integrating liquid biopsies into the management of ... - CANCER-ID](#)

https://www.cancer-id.eu/.../Siravegna_et_al_2017_review_liquid_biopsy_management_of_cancer.pdf

2 Mar 2017 ... munity; the term '**liquid biopsy**' is often used to describe ... The molecular profiles **gathered** from ctDNA can be **further** complemented with those ...



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作者: VA Forte - 2016 - 被引用次数: 9 - 相关文章

2016年3月8日 - These have been promoted as potential real time "liquid biopsies", minimally In theory this does not happen efficiently within the tumoral mass, ... al. have further demonstrated CTC detection is prognostic in non-metastatic ...

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Liquid Biopsies for Assessing Metastatic Melanoma Progression. - NCBI

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Crit Rev Oncog. 2016;21(1-2):141-54. doi: 10.1615/CritRevOncog.2016016075. Liquid Biopsies for Assessing Metastatic Melanoma Progression. Huynh K(1) ...

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Liquid Biopsies for Assessing Metastatic Melanoma Progression

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作者: K Huynh - 2016 - 相关文章

2017年2月26日 - Keywords: Melanoma, liquid biopsy, metastasis, blood, circulating tumor ... the breakthrough with ipilimumab has led to further development of ...

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[PDF] July 2 - ResearchGate

<https://www.researchgate.net/.../International-Workshop-on-Biochemistry-P...> - 翻译此页

2015年7月4日 - Genova ML, and Lenaz G. Functional role of mitochondrial respiratory visible and EPR spectra, biological tests and theoretical DFT. We will The small piece of DNA in the of oxidative damage may need to be further revisited. 1a that lead to increase of metastatic and