

DPC 2026 - Freiburg

Distangling contaminants from true intratumoural microbial signals in pancreatic ductal adenocarcinoma – A benchmarking approach

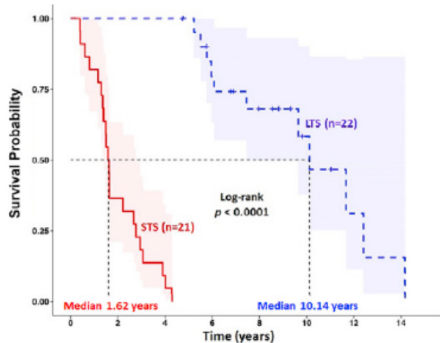
Linh Dang

2026-03-07

Contamination in Microbiome Study

Cell

Tumor Microbiome Diversity and Composition Influence Pancreatic Cancer Outcomes



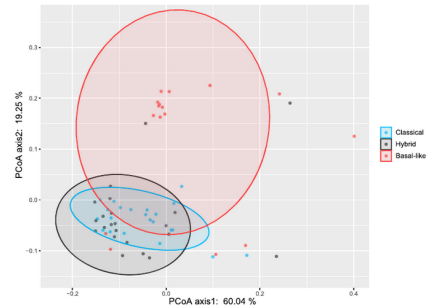
Riquelme et al. Cell 2019

Key taxa: xxx, xxx

Article | [Open access](#) | Published: 31 August 2021

Tumor microbiome contributes to an aggressive phenotype in the basal-like subtype of pancreatic cancer

[Wei Guo](#), [Yuchao Zhang](#), [Shiwei Guo](#), [Zi Mei](#), [Huiping Liao](#), [Hang Dong](#), [Kai Wu](#), [Haocheng Ye](#), [Yuhang Zhang](#), [Yufei Zhu](#), [Jingyu Lang](#), [Landian Hu](#) , [Gang Jin](#)  & [Xiangyin Kong](#) 



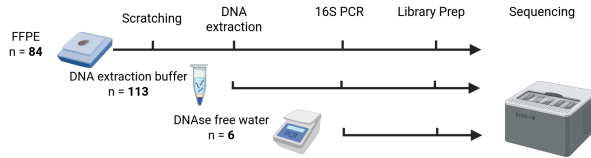
Guo Communication biology 2021

Key taxa: xxx, xxx

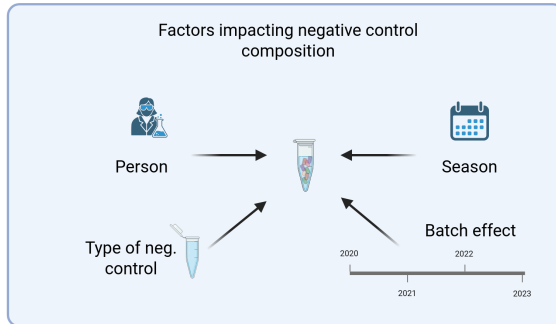
Section 1

Negative Control Survey in the Lab

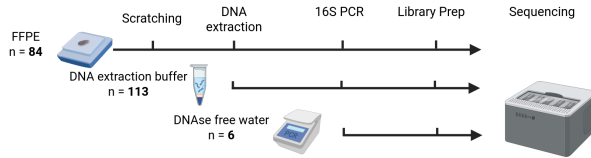
Negative Sample Collection



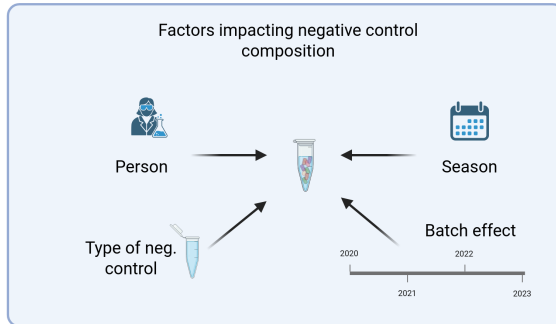
- In total 203 NCT samples over 4 years



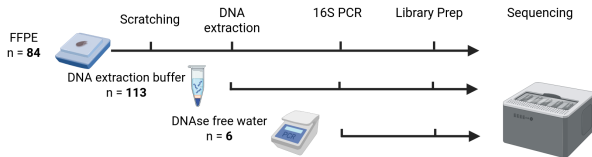
Negative Sample Collection



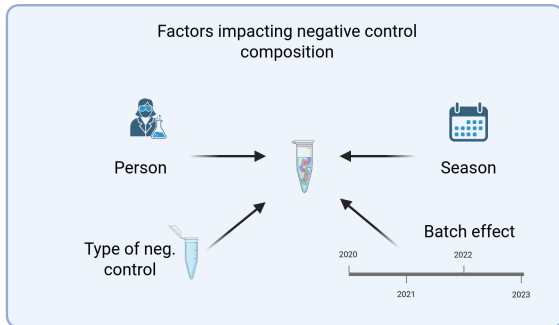
- In total 203 NCT samples over 4 years
- Dominant taxa:



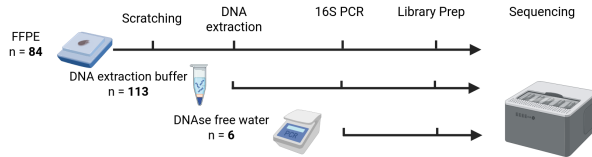
Negative Sample Collection



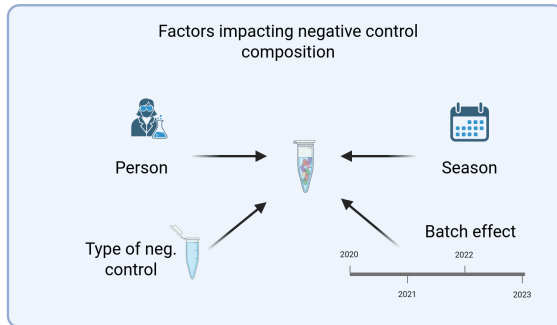
- In total 203 NCT samples over 4 years
- Dominant taxa:
 - xx 60% of samples



Negative Sample Collection



- In total 203 NCT samples over 4 years
- Dominant taxa:
 - xx 60% of samples
 - xx 70% of samples

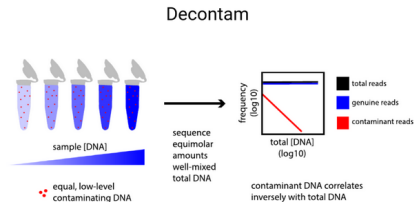
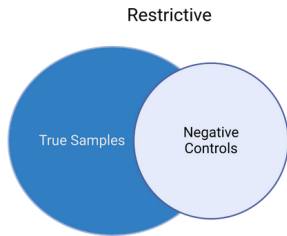


Bacterial Composition

Section 2

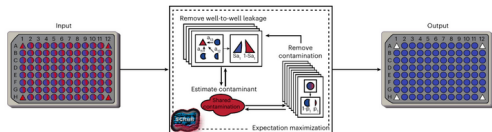
Intratumor Microbiome in PDAC and Assessment of

Decontamination Strategies

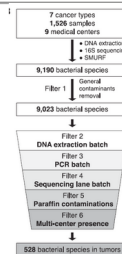


Davis et al. 2018 Microbiome

SCRuB



Austin et al. 2023 Nature Biotechnology



Nejman et al. 2020 Science

