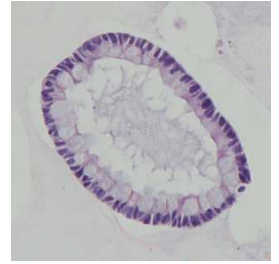


Dec 08, 2023

## 🌐 Fixation and embedding of organoids for histology

DOI

[dx.doi.org/10.17504/protocols.io.5qpvo3w6xv4o/v1](https://dx.doi.org/10.17504/protocols.io.5qpvo3w6xv4o/v1)



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**Protocol status:** Working

**We use this protocol and it's working**

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## Abstract

This is a modification of a previously published protocol for fixation and pre-embedding of 3D organoids prior to embedding into paraffin and sectioning for histology (see Reference). This new protocol is simplified, yet results in the same quality of FFPE sections.

## Attachments



[organoid\\_embedding\\_f...](#)  
1.5MB



[embedding.mp4](#)  
13.1MB

## Troubleshooting



## Protocol references

Karakasheva TA, Kijima T, Shimonosono M, Maekawa H, Sahu V, Gabre JT, Cruz-Acuña R, Giroux V, Sangwan V, Whelan KA, Natsugoe S, Yoon AJ, Philipone E, Klein-Szanto AJ, Ginsberg GG, Falk GW, Abrams JA, Que J, Basu D, Ferri L, Diehl JA, Bass AJ, Wang TC, Rustgi AK, Nakagawa H. Generation and Characterization of Patient-Derived Head and Neck, Oral, and Esophageal Cancer Organoids. *Curr Protoc Stem Cell Biol.* 2020 Jun;53(1):e109. doi: 10.1002/cpsc.109. PMID: 32294323; PMCID: PMC7350550.