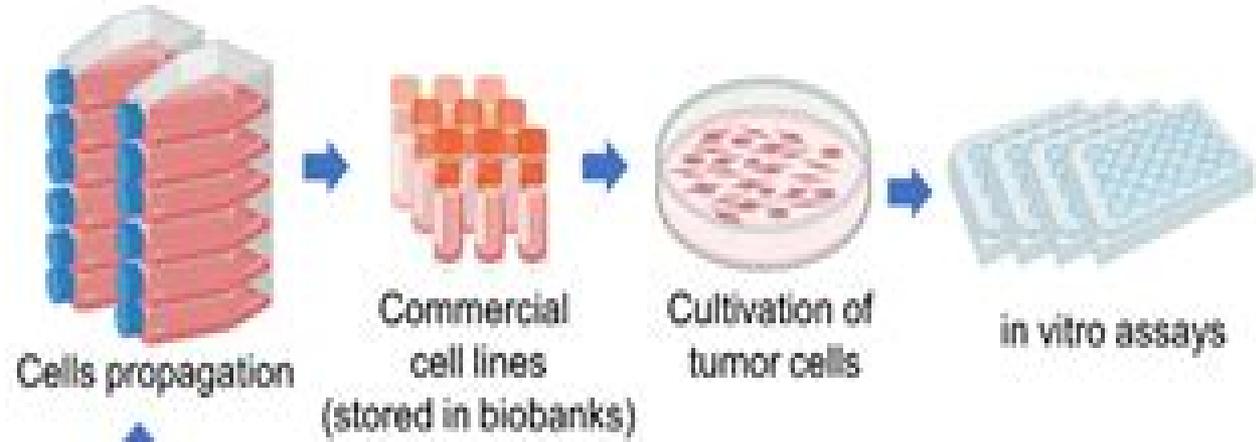
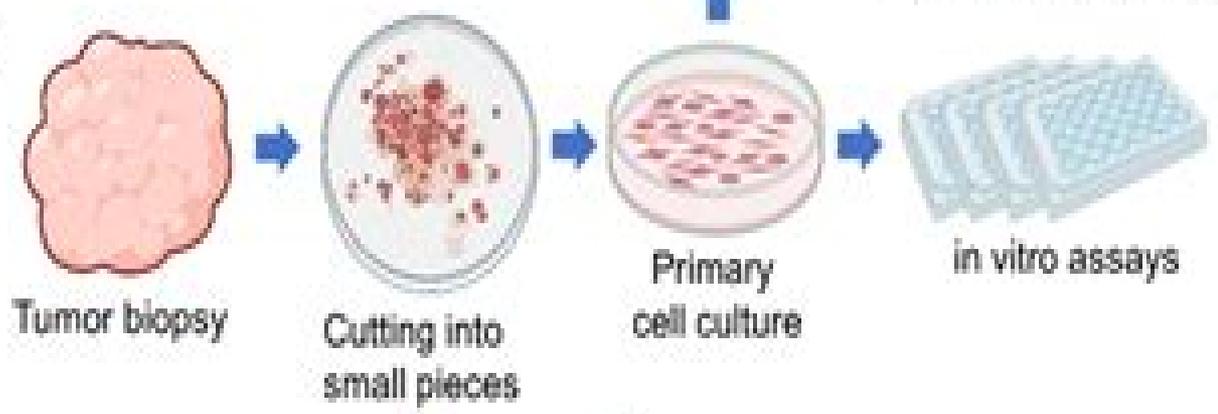
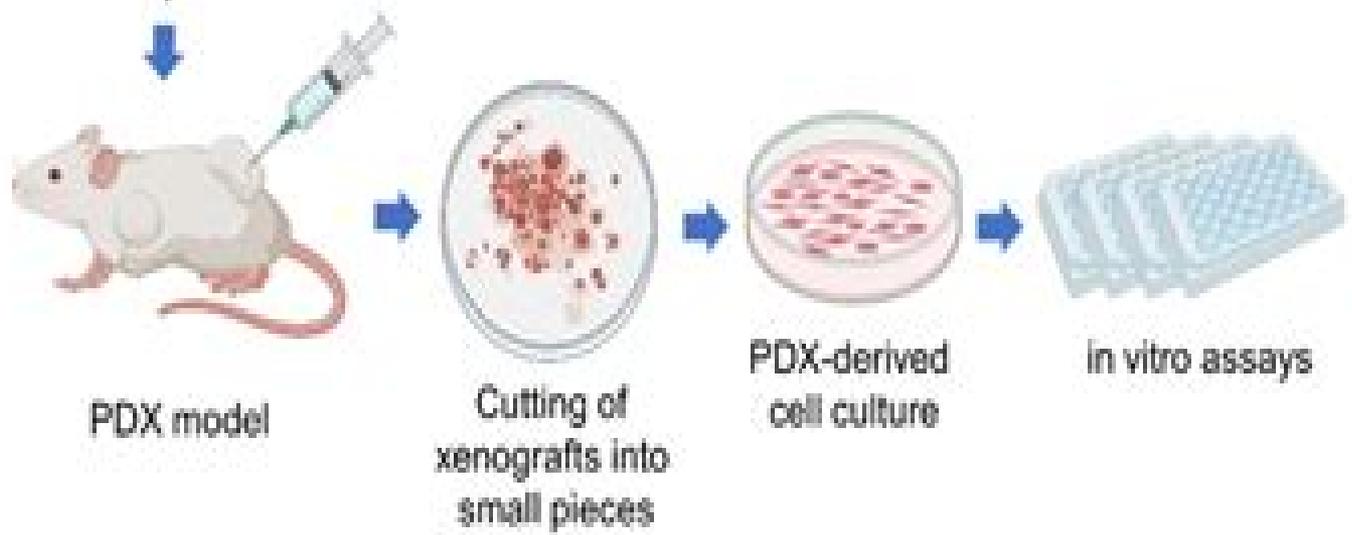


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Cancer Cell Lines Part 2 Human Cell Culture

SA Adler



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provide a comprehensive text on the culture of established cell lines from every type of human cancer The volumes provide a basic manual and reference resource for every cancer research scientist using human cancer cells **Primary**

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Amanda Capes-Davis, R. Ian Freshney, 2021-02-17 FRESHNEY S CULTURE OF ANIMAL CELLS THE NEW EDITION OF THE LEADING TEXT ON THE BASIC METHODOLOGY OF CELL CULTURE FULLY UPDATED TO REFLECT NEW APPLICATIONS INCLUDING IPSCS CRISPR AND ORGAN ON CHIP TECHNOLOGIES Freshney s Culture of Animal Cells is the most comprehensive and up to date resource on the principles techniques equipment and applications in the field of cell and tissue culture Explaining both how to do tissue culture and why a technique is done in a particular way this classic text covers the biology of cultured cells how to select media and substrates regulatory requirements laboratory protocols aseptic technique experimental manipulation of animal cells and much more The eighth edition contains extensively revised material that reflects the latest techniques and emerging applications in cell culture such as the use of CRISPR Cas9 for gene editing and the adoption of chemically defined conditions for stem cell culture A brand new chapter examines the origin and evolution of cell lines joined by a dedicated chapter on irreproducible research its causes and the importance of reproducibility and good cell culture practice Throughout the book updated chapters and protocols cover topics including live cell imaging 3D culture scale up and automation microfluidics high throughput screening and toxicity testing This landmark text Provides comprehensive single volume coverage of basic skills and protocols specialized techniques and applications and new and emerging developments in the field Covers every essential area of animal cell culture including lab design disaster and contingency planning safety bioethics media preparation primary culture mycoplasma and authentication testing cell line

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Embryonic Stem Cells John R. Masters, Bernhard O. Palsson, James A. Thomson, 2007-05-20 If you wish to grow or characterize embryonic stem cells or persuade them to differentiate into a particular cell type then this book contains information that is vital to your success The aim is to provide clear simple instructions and protocols for growing maintaining and characterizing embryonic stem cells and details of the various methods used to make stem cells differentiate into specific cell types

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