

Animal Cell Biotechnology

ePGpathshala video links:

1. History, scope and future perspective of animal cell biotechnology
<https://youtu.be/DWxtrYHr-XM>
2. Laboratory requirements of animal cell culture
<https://youtu.be/J6YuC-19j7c>
3. Media and reagents used in animal cell biotechnology
<https://youtu.be/ZW7BOJbmpEs>
4. Instrumentation and analytical techniques
https://youtu.be/2_zdZKa-nXY
5. Introduction and history of cell culture, Primary Culture, Secondary Cell Culture and cell lines
https://youtu.be/unqiPHe_KqA
6. Basic Principal of Animal cell Biotechnology
<https://youtu.be/5at33ctGmF8>
7. Organ Culture and application
<https://youtu.be/Ec0NFM3v9xU>
8. Cell and tissue engineering
<https://youtu.be/vsRiZMhX9ss>
9. Modifying enzymes and uses in animal cell biotechnology
https://youtu.be/KgF_BuqiY6w
10. Transgenic Animal and methods of Creation of Transgenic Animals
<https://youtu.be/x8XJeyGZrnM>
11. Methods for construction of recombinant animal viral vectors for gene transfer into cell lines
<https://youtu.be/fiujqtc8xd4>
12. Biology of Animal viral vectors
<https://youtu.be/ZlncuYm4FFU>
13. Genetic Engineering and Applications
<https://youtu.be/0nAbhe3FbT0>
14. Manipulation of Gene Expression in Eukaryotes
<https://youtu.be/bSfRSeETs38>
15. Collection and Purification Process of Recombinant Proteins
<https://youtu.be/dUSgsbQWmng>
16. Stem Cell Technology and therapeutics
<https://youtu.be/QU99VV9lkfA>
17. Biomarkers for animal disease diagnosis
<https://youtu.be/2AH0KoA6q0c>
18. Production of vaccines and pharmaceutical proteins
<https://youtu.be/2R-EeslR75A>
19. Cell Cryopreservation and animal Conservation
<https://youtu.be/KdGTZ8LKqdg>
20. Advances in animal cell biotechnology
<https://youtu.be/ZNBTxXXOqgQ>
21. Biosafety issues in animal cell biotechnology

<https://youtu.be/xTVYdt5XrY0>

22. Ethical issues for animal cell culture

https://youtu.be/ccN0jE_mSlA