

Title (en)

METHODS AND COMPOSITIONS FOR FREEZING AND THAWING MAMMALIAN CELLS

Title (de)

VERFAHREN UND ZUSAMMENSETZUNGEN ZUM EINFRIEREN UND AUFTAUEN VON SÄUGETIERZELLEN

Title (fr)

PROCÉDÉS ET COMPOSITIONS DE CONGÉLATION ET DE DÉCONGÉLATION DE CELLULES DE MAMMIFÈRE

Publication

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Application

**EP 22711117 A 20220209**

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Abstract (en)

[origin: WO2022173867A1] The present disclosure provides, among other things, a method of cryopreserving and thawing cells that results in the thawed cells having high cellular viability and functionality post-thawing. In some embodiments, a large-scale method of cryopreserving cells is provided, the method comprising: (a) contacting the cells with a cryopreservation medium; (b) cooling the cells to -80 °C at a controlled rate to minimize latent heat of fusion; and (c) storing the cells in liquid nitrogen vapor phase, thereby cryopreserving the immune cells.

IPC 8 full level

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