

Figure 1. The proposed framework for the development of the HMSCs. The framework is divided into three main phases: (a) Identification of the HMSCs, (b) Development of the HMSCs, and (c) Validation of the HMSCs. The process starts with the identification of the HMSCs, which involves the selection of the HMSCs to be developed. This is followed by the development of the HMSCs, which involves the creation of the HMSCs. Finally, the HMSCs are validated, which involves the testing of the HMSCs to ensure their effectiveness.



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Amnion - Amnion | 300644

**Thawing and
Culturing Cells**

1. Amnion cells are delivered as a cell suspension in a cryoprotective medium. Thaw the cells immediately after receipt in a water bath at 37°C. Do not allow the cells to warm up to room temperature.
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**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

Flask Coating

Amnion cells are delivered as a cell suspension in a cryoprotective medium. Thaw the cells immediately after receipt in a water bath at 37°C. Do not allow the cells to warm up to room temperature.

**Freezing
Procedure**

Amnion cells are delivered as a cell suspension in a cryoprotective medium. Thaw the cells immediately after receipt in a water bath at 37°C. Do not allow the cells to warm up to room temperature.

**Shipping
Conditions**

Amnion cells are delivered as a cell suspension in a cryoprotective medium. Thaw the cells immediately after receipt in a water bath at 37°C. Do not allow the cells to warm up to room temperature.

**Storage
Conditions**

Amnion cells are delivered as a cell suspension in a cryoprotective medium. Thaw the cells immediately after receipt in a water bath at 37°C. Do not allow the cells to warm up to room temperature.

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Sterility

Amnion cells are delivered as a cell suspension in a cryoprotective medium. Thaw the cells immediately after receipt in a water bath at 37°C. Do not allow the cells to warm up to room temperature.