

LifeCell – Daily News Update

November 4, 2009

Key Industry News:

Publication	Economic Times
Headline	Cryo-Save to float stem cell R&D arm in India
Gist of the article	Cryo-Save group, Europe's largest adult stem-cell storage bank, has decided to float a separate entity in India to undertake global clinical research for commercialisation of stem-cell therapy. The netherland based company operates a wholly-owned subsidiary, Cryo-Save India, which runs a stem cell bank in Bangalore and a chain of collection centers. The second entity is also likely to be a wholly-subsubsidiary of the Dutch parent. This company will set up a research facility where Cryo-Save intends to undertake global clinical trials to come up with Stem Cell-based treatment. This venture is likely to be operational by mid 2010. Cryo-Save group globally has more than 1.1 lakh samples. Its Bangalore bank has 3-lakh unit capacity which it claims will be sufficient to store samples in the entire APAC region for the next 15 years.

Publication	
Headline	Baby can regrow body parts
Gist of the article	<p>A "BIONIC" baby's umbilical cord was frozen after birth - so it can be used to create replacement body parts if he falls ill in the future. Daniel Aspinall will be the first in Britain to benefit from pioneering stem cell technology.</p> <p>In years to come, stem cells in the cord could be used to regenerate blood, bone, cartilage, muscle, tendons and immune systems.</p> <p><i>Mum Paula, 34, said: "If he were to be paralysed, scientists will use his cord tissue to re-grow his nerves, curing him of immobility.</i></p> <p>"He could also use it to beat heart disease and dementia as the cord tissue will be able to regenerate cells in his heart and brain.</p> <p>"I hope we won't ever have to, but the potential is truly amazing."</p> <p>Medics froze the cord using liquid nitrogen within 20 minutes of Daniel's birth last week. Office manager Paula, of Northwich, Cheshire, will pay £1,890 to store it for 20 years at a private tissue bank in Nottingham.</p>

	<p>The cells could also aid Daniel's sister Megan, three, and his parents. Manchester University professor Judith Hoyland said: "The area of regenerative medicine is hugely exciting and no longer in the sphere of science fiction."</p>
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Publication	news.bbc.co.uk
Headline	Iommi says injured hand on mend
Gist of the article	<p>Black Sabbath guitarist Tony Iommi has said he is making a good recovery after receiving stem-cell treatment on an injured hand. "It's coming on alright actually," the acclaimed guitarist told the BBC at the Classic Rock Awards on Monday.</p> <p>"I've already had the stem-cell treatment, so I've just got to wait now. It's been six weeks but it's feeling great."</p> <p>Iommi had been in pain after problems with his right hand joints. He told the BBC Radio 2 Radcliffe and Maconie Show in October that the cartilage had worn out between the joints. "It was bone to bone and it was getting a bit painful," he said. Iommi had his hand strapped up at the rock awards, but said he was still able to pick up his guitar.</p> <p>"No, I can play! " he said. "I'm just wearing this now because if people shake your hand I don't want to push it, I want to take it easy for a bit. "But it's been really good, and I'm glad I went that route before having any kind of operation."</p> <p>Stem cells are very immature cells that can be used to change into different types of tissue like bone. Iommi already has two missing fingertips on his right hand after an accident aged 17 at a sheet metal factory.</p> <p>Other guitarists at the Classic Rock Roll of Honour Awards praised Iommi's skill. "Tony's been tremendous because he lost the end of a couple of his fingers - so even more power to him to come through that and become one of the legends of metal," said Iron Maiden's Janick Gers. Queen guitarist Brian May said: "I know Eddie Van Halen's had similar problems and it was Ed who told Tony about this stem-cell treatment."</p> <p>He added: "I've been pretty lucky, but on the first tour we did with Paul Rodgers I had a lot problems, and it did get scary. "I used to wake up in the morning and not be able to move my left hand at all. As it turned out, it didn't get any worse. Life hits you</p>

where you don't want to be hit and our hands are very vulnerable."

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