

Supplementary Material

Table 2.0 Profiles of firms represented in interview data

Table 2a: iPSC companies

| Firm | Size ¹ | Founded | Location | Focus | Funding ² |
|--------------------------------|-------------------|---------|-------------------------------|---|------------------------------------|
| iPS Company interview 1 | S | 2006 | UK with US office | Contract Development and Manufacturing Organisation (CDMO) specialising in cell therapies | Private equity and grants |
| iPS Company interview 2 | S | 2008 | UK | iPSC for screening small molecule drug candidates and toxicology | VC |
| iPS Company interview 3 | S | 2012 | UK | Supply chain management for cell and gene therapies | Corporate and VC |
| iPS Company interview 4 | S | 2012 | UK | iPSC for screening small molecule drug candidates and toxicology | VC and grants |
| iPS Company interview 5 | S | 2002 | UK | Platform technology for culturing and differentiating stem cells and obtaining medically useful derivatives | VC and grants |
| iPS Company interview 6 | L | 1989 | Multinational with UK offices | Services include specialist courier services for cell and gene therapy supply chain | Publicly listed on stock exchange. |

¹ S= Small, M = Medium, L= Large. Micro, Small, Medium and Large firms are as described in footnote 2

² Additional data collected from CrunchBase.

Table 2b: iPS firms and additional insight collected via interviews with academic scientists

| Interviewee | Firm size | Founded | Location | Focus | Funding |
|--|--|------------------------------|----------|---|--|
| Academic stem cell scientist 4 | S | 2014 | US | Cell therapy company | VC, grants and state (defence) funding |
| Academic stem cell scientist 5 | Micro | Ongoing at time of interview | UK | Cell therapy | N/a |
| Academic stem cell scientist 6 | S | 2017 | UK | Research grade cell lines as commodities and for in house drug discovery research | VC and grants |
| Academic stem cell scientist 7 | As iPS Company Interview 5 and was considering a further spin-out venture for iPS-derived cell therapy in the UK | | | | |
| UK additional stem cell interview 1 | Senior member of specialist UK National Health Service regional unit which provides contract manufacturing and product development advice to firms working in cell therapy. Was involved in a state led project to manufacture blood cells for transplant from human iPSC. | | | | |

Table 2c: 3D bioprinting companies

| Firm | Size | Founded | Location | Focus | Funding |
|---|------------|---------|----------------|---|--|
| UK bioprinting company interview 1 | Micro | 2013 | UK | Contract decellularisation services, 3D printed biocompatible scaffold for bone repair, bioreactor development, other contract services | University TTO seed funding, grants, contract work |
| BP01 | Micro (10) | 2012 | UK | Bioinks, custom contract bioink development | 1. Government company 2. Currently looking for venture capital funding |
| BP06 | Micro (3) | 2018 | UK | Collagen used in regenerative medicine and bioprinting | 1. Academy of Sciences 2. Research Council 3. Public funding office |
| BP07 | Micro (15) | 2011 | Spain | Bioprinters, bioinks, bioprinting accessories and consumables, bioprinting software | 1. Public funding agency 2. European Development Fund |
| BP20 | Micro (3) | 2018 | Brazil | Bioprinter, production of bioprinted tissues (in development) | Research funding agency |
| BP22 | Micro (2) | 2018 | Brazil | Bioprinters, bioprinting courses | 1. Looking for funding from research funding agencies 2. Looking for funding from private banks |
| BP36 | Micro (6) | 2015 | Eastern Europe | Bioprinters | No external funding reported |

Table 2d: 3D Bioprinting firms and additional insight collected via interviews with academic scientists

| Interviewee | Firm size | Founded | Location | Focus | Funding |
|--|------------|---------|----------|--|--|
| UK academic bioprinting scientist 1 | Micro | 2014 | UK | 3d Bioprinters, bioprinted tissues from drug discovery | VC, grants |
| UK academic bioprinting scientist 4 | Micro | N/a | UK | Patent incubator | Income from two sub-licensed patents derived from academic work, investors |
| | N/a | N/a | UK | Consultancy and research grade biomaterials | Consultancy fees, product sales, grants |
| BP08 | Micro (10) | 2012 | UK | Bioinks, custom contract bioink development | 1. Government company 2. Currently looking for venture capital funding |
| BP09 | Micro (10) | 2012 | UK | Bioinks, custom contract bioink development | 1. Government company 2. Currently looking for venture capital funding |