**Supplemental file 1.** Summary of the studies dedicated to subretinal implantation of RPE cells on the cell carrier.

|  |  |  |  |
| --- | --- | --- | --- |
| **Authors** | **Scaffold type** | **Cell type** | **Recipient** |
| **Sharma et al. 2019** | PLGA\* | iPSC-RPE | Rat/pig |
| **Diniz et al. 2013** | Parylene C | hESC-RPE | Rat |
| **Mandai et al. 2017** | no | iPSC-RPE | Human |
| **Schwartz et al 2014** | cell suspension | hESC-RPE | Human |
| **Kashani et al. 2018, 2019** | Parylene C | hESC-RPE | Pig/human |
| **Da Cruz et al. 2018** | PET\* | hESC-RPE | Human |

\*PLGA - poly(lactic-co-glycolic acid)

\*PET - Polyethylene terephthalate