

Table S4. Lactic acid released by the PLGA scaffold during degradation. Days 1-35 are the in vitro stage of the scaffold and days 35 onwards are in vivo after transplantation. Grey highlights the days of PLGA scaffold bulk degradation phase (days 19-36). Note, the bulk degradation of the scaffold occurs in vitro.

	Samples	mmol/L/scaffold/day	percent lactic acid released/scaffold/week
In vitro stage of iPSC-RPE-patch maturation	1-1 to 1-6 (days 1-6)	0.00047±0.00016	4.2%±1.7%
	2-1 to 2-6 (days 7-12)	0.00047±0.00016	4.2%±1.7%
	3-1 to 3-6 (days 13-18)	0.00047±0.00016	4.2%±1.7%
	4-1 to 4-6 (days 19-24)	0.00297±0.00056	31.9%±4.0%
	5-1 to 5-6 (days 25-30)	0.00273±0.00069	29.4%±7.5%
	6-1 to 6-6 (days 31-36)	0.00089±0.00048	9.6%±4.9%
In vitro stage of iPSC-RPE-patch after transplantation in the sub-retinal space	7-1 to 7-6 (days 37-42)	0.00047±0.00016	4.2%±1.7%
	8-1 to 8-6 (days 43-48)	0.00047±0.00016	4.2%±1.7%
	9-1 to 9-6 (days 48-54)	0.00047±0.00016	4.2%±1.7%
	10-1 to 10-6 (days 54-60)	0.00047±0.00016	4.2%±1.7%