

Culture Media	Day 2	Day 4	Day 6	Day 8	Day 10
5 mM Glucose DMEM	0.9 ± 1.7	1.9 ± 1.7	13.3 ± 6.6	19.9 ± 16.1	72.2 ± 45.9
25 mM Glucose DMEM	1.4 ± 1.8	9.5 ± 9.8	16.9 ± 17.0	141 ± 89	134 ± 117
25 mM Glucose Neurobasal A	3.6 ± 2.7	10.2 ± 2.8	103 ± 125	147 ± 118	68.7 ± 74.2

Table S2. Cell counts per field (results expressed as mean ± SD) for each group. 6-10 random fields were examined under 10X magnification. Retinal neurons were cultured in 5 mM glucose DMEM, 25 mM glucose DMEM, or 25 mM glucose Neurobasal A medium for up to 10 days.