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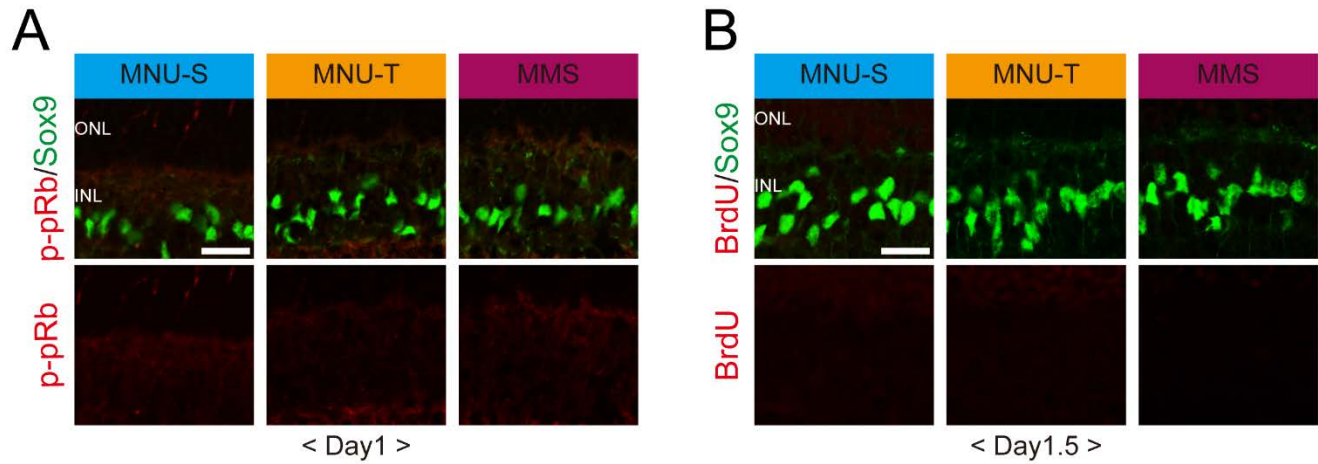
Temporal relationships between photoreceptor degeneration and proliferative response of Müller glia: A comparative study on the effects of different alkylating agents.

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Supplementary Figure 1: Absence of p-pRb and BrdU labeling at day 1 and day1.5.

Immunofluorescence for (A) phosphorylated retinoblastoma protein (p-pRb, red) and (B) bromodeoxyuridine (BrdU, red). Sox9 (green) labels Müller glia nuclei. ONL: outer nuclear layer, INL: inner nuclear layer. Scale bar= 20 μ m.



Supplementary Table S1

Primary antibodies

Antibody	Dilution	Species	Source
Phospho-pRb	1000	Rabbit	Cell Signaling 9308
BrdU	500	Rat	Abcam ab6326
Sox9	2000	Rabbit	Millipore AB5535
Sox9	2000	Goat	R&D Systems AF3075
RXR γ	400	Rabbit	Santa cruz sc-555

Secondary antibodies

Antibody	Dilution	Source
donkey anti-rabbit IgG Alexa Fluor 555	1000	Invitrogen A-31572
donkey anti-rabbit IgG Alexa Fluor 488	1000	Invitrogen A-21206
donkey anti-rat IgG Alexa Fluor 594	1000	Invitrogen A-21209
donkey anti-goat IgG Alexa Fluor 488	1000	Invitrogen A-11055

Supplementary Table S2

Primers

Gene	Forward	Reverse	Ref
<i>Gapdh</i>	ACAAGATGGTGAAGGTCGGTGTGA	AGCTTCCCATTCTCAGCCTTGACT	1
<i>Ccnd1</i>	CAGAAGTGCGAAGAGGAGGTC	TCATCTTAGAGGCCACGAACAT	1
<i>Ccne1</i>	GAAAAGCCAGGATAGCAGTCAG	CCCCAATTCAAGACGGGAAG	1
<i>Ccne2</i>	AGGAATCAGTCCTTGCATTATC	CCCAGCTTAAGTCTGGCAGAG	1
<i>Ccna2</i>	GCCTTCACCATTCATGTGGAT	TGGCTCCGGGTAAAGAGACAG	1
<i>Rho</i>	CCTACTTCCTGGCATGCTGAA	TCTGAGGCTCCAACCCATTC	1
<i>Gnat1</i>	CGGAAGCTGATGCACATGG	CTGAGGCTCGGTCAAAGCAA	1
<i>Opn1sw</i>	GTGAAGAAAAAGCAGCAGAC	TGGGCAGGGCAGCCATAGC	1
<i>Opn1mw</i>	TTGCTGACCTAGCAGAGACCA	AGCCTTCTATGACACACAGAG	1
<i>Tnf</i>	AAATGGGCTCCCTCTCATCAGTTC	TCTGCTTGGTGGTTTGCTACGAC	2
<i>Lif</i>	TCAACTGGCTCAACTCAACG	AAAGGTGGGAAATCCGTCAT	3
<i>Edn2</i>	GACTGCTGCGGGAGACCTT	GGGATGGCCTCTCTTGTCAA	4
<i>Fgf2</i>	AGTTGTGTCCATCAAGGGAGTGT	AGCCAGCAGCCGTCCAT	5
<i>Igf1</i>	TTCGGAGGGCACCACAGA	ACATCTCCAGCCTCCTCAGATC	6

References

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