

ID No.	K2009
Project Title	Microglia crosstalk: novel molecular markers to diagnose diabetes-induced eye damage
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Report	<p>In accord with the specific objective of our collaboration work, Japanese side established mouse whole retina culture system, allowing to examine sclera and blood vessels during degeneration. In addition, by electron microscopic analysis, vessel pathology of several retinal disease model mice was examined. Specific phenotype was revealed, and specific gene expression patterns were also examined in detail. In New Zealand side, in vitro diabetic retinopathy model was established. Currently, molecular analysis of this model is ongoing.</p>