

受賞歴等

岩間 康哲

2024/03 - 日本再生医療学会 日本再生医療学会 奨励賞2024 (臨床部門)

2023/06 - The International Society for Stem Cell Research (ISSCR) Merit Award 2023

2023/04 - The Association for Research in Vision and Ophthalmology (ARVO) ARVO International Travel Grant 2023

尾崎 篤汰

2024/04 - The Association for Research in Vision and Ophthalmology (ARVO) ARVO International Travel Grant 2024

2024/04 - Members-in-Training Outstanding Poster Awardsに選出

酒井 大輝

2025/3 - 第24回日本再生医療学会総会 優秀演題賞

万代 道子 研究センター センター長

2024/05 - Ninth Annual Retinal Cell and Gene Therapy Innovation Summit

2024/05 - The 2024 Gordon Research Conference on Visual System Development

前田 亜希子 研究センター 副センター長

2025/4 - 日本眼科学会最優秀論文賞

論文・総説業績

Ozaki A, Sakai D, Mandai M. hPSC-based treatment of retinal diseases - Current progress and challenges. Adv Drug Deliv Rev. 2025 Apr 12;221:115587. doi: 10.1016/j.addr.2025.115587. Epub ahead of print. PMID: 40228605.

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Transplantation of human pluripotent stem cell-derived retinal sheet in a primate model of macular hole. *Stem Cell Reports*. 2024 Nov 12;19(11):1524–1533. doi: 10.1016/j.stemcr.2024.09.002. Epub 2024 Oct 3. PMID: 39366379; PMCID: PMC11589285.

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Sakai D, Maeda T, Yamamoto M, Yokota S, Maeda A, Hiramami Y, Nakamura M, Kurimoto Y, Mandai M. Relationship between residual visual field and full-field stimulus testing in patients with late-stage retinal degenerative diseases. *Sci Rep*. 2024 Feb 2;14(1):2793. doi: 10.1038/s41598-024-53474-6. PMID: 38307956; PMCID: PMC10837419.

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Sakai D, Maeda T, Ozaki A, Kanda GN, Kurimoto Y, Takahashi M. Performance of ChatGPT in Board Examinations for Specialists in the Japanese Ophthalmology Society. *Cureus*. 2023 Dec 4;15(12):e49903. doi: 10.7759/cureus.49903. PMID: 38174202; PMCID: PMC10763518.

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Sakai D, Hiraoka M, Matsuzaki M, Yokota S, Hiram Y, Onishi A, Nakamura M, Takahashi M, Kurimoto Y, Maeda A. Genotype and phenotype characteristics of RHO-

associated retinitis pigmentosa in the Japanese population. *Jpn J Ophthalmol*. 2023 Mar;67(2):138-148. doi: 10.1007/s10384-023-00975-y. Epub 2023 Jan 17. PMID: 36648560.

Akiba R, Takahashi M, Baba T, Mandai M. Progress of iPS cell-based transplantation therapy for retinal diseases. *Jpn J Ophthalmol*. 2023 Mar;67(2):119-128. doi: 10.1007/s10384-022-00974-5. Epub 2023 Jan 10. PMID: 36626080.

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Sakai D, Demoto S, Iwai Y, Hirami Y, Nakamura M, Kurimoto Y. Comparison of the Accuracy of Intraoperative Aberrometry in Intraocular Lens Implantation Between Myopic Eyes with Emmetropia and Myopia Targets. *Clin Ophthalmol*. 2022 Apr 16;16:1165-1171. doi: 10.2147/OPTH.S363228. PMID: 35465196; PMCID: PMC9020572.

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Sakai D, Takagi S, Hiramami Y, Nakamura M, Kurimoto Y. Use of ellipsoid zone width for predicting visual prognosis after cataract surgery in patients with retinitis pigmentosa. *Eye (Lond)*. 2023 Jan;37(1):42-47. doi: 10.1038/s41433-021-01878-3. Epub 2022 Jan 1. PMID: 34974539; PMCID: PMC9829659.