

National Eye Institute Technology Transfer Office

The NEI Technology Transfer Office (NEI TTO) works closely with NEI investigators to facilitate development of novel inventions and collaborative relationships between NEI investigators and the broader scientific community.

NEI TTO oversees and manages the NEI patent portfolio and should be contacted for any licensing interest.

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Interested in licensing NEI Technologies?

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Contact Us!

Questions about licensing NEI technologies?

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National Eye Institute

NEI Technologies Available for Licensing

Cell Therapy and Cell Therapy-Related Tools

- iPSC cell therapy, methods and its related devices (E-158-2020 & Others)
- B-reg Cell therapy and IL-27 & -35 B Cell Therapy (E-036-2012, E-033-2021, E-070-2019)
- Bone marrow mesenchymal stem cell (BMSC)-derived exosomes for the treatment of glaucoma (E-044-2018)
- Treating ocular surface diseases with bacteria-derived lipids (E-126-2024)

Gene Therapy AAV Portfolio

- XLRS (E-164-2018)
- Tyrosinase (E-116-2023)
- LCA, RP2/RPGR, CRX (E-164-2014, E-050-2015, E-008-2020)
- IL-24, IL-34 (E-119-2017 & E-091-2018)

Small Molecules

- Small molecules for therapeutic use in IRDs (E-071-2020)
- Nitisinone for oculocutaneous Albinism (E-113-2010)
- STAT-3 specific Single Domain antibody (E-164-2021)
- Molecules to protect against cold and metabolic stressors (E-013-2021, E-165-2017, E-077-2018)
- PEDF peptides in eye drop formulation (E-028-2023, E-156-2023)

AI and COVID

- Neural Networks to validate stem cells (E-058-2018)
- AI for prediction of AMD prognosis (E-057-2020)
- Hydroxychloroquine-induced Retinal Toxicity in SD-OCT Images (E-194-2021)
- Detect Retinal Vasculitis on Color Fundus Photos (E-005-2023)
- Extraction free method for sensitive detection of SARS-CoV-2 RNA virus (E-195-2020)

Biological Materials

- Mouse models, antibodies, Cells, Cell lines (22 inventions)