



1. Other Approaches

- OCU410** (Ocugen) – RORA (RAR-Related Orphan Receptor A) protein
- CT1812** (Cognition Therapeutics) – Selective α -2 Inhibition
- Xiflam** (Inflamx/Bausch and Lomb) – Connexin 43 Inhibition
- Valeda Light Delivery System** (LumiThera/Alcon) – Photobiomodulation **FDA Cleared**
- Xelafaslatide** (ONL Therapeutics) – FAS Inhibition
- PST-611** (PulseSight Therapeutics) – DNA Plasmid Expressing Transferrin
- vutrisiran** (Alnylam Pharmaceuticals) – siRNA TTR mRNA Inhibition
- FRX-001** (FerRx Bio) – Ferroptosis Inhibition
- BS01** (Bionic Sight) – ChronosFP Optogenetics
- BISC-109S** (BISC Therapeutics) – Bax inhibitor
- i-Lumen** (i-Lumen Scientific) – Microcurrent Stimulation **PIVOTAL STUDY**
- EG-301** (Evergreen Therapeutics)

2. Lipid Metabolism

- OSA-1-101** (Osanni Bio) – HMG-CoA Reductase Inhibition
- VGX-0111** (VisgenX) – ELOVL2 Gene Therapy
- BRX011** (Biojiva) – Deuterium-Stabilized DHA
- BI 1584862** (Boehringer Ingelheim) – Phospholipid Modulator
- CTX203** (CharacterBio) – apo-mimetic (L4F) peptide

3. Reduce Toxic By-Product Accumulation

Prevents Amyloid A β Oligomer Assembly

- GAL-101** (Galimedix Therapeutics/Thea)
- valiltramiprosate** (Alzheon)

4. Neuroprotection

Repair Mitochondrial Dysfunction/Oxidative Stress

- elamipretide** (Stealth Biotherapeutics) **PIVOTAL STUDY**
- risuteganib** (Allegro/Affamed/Hanmi)
- OCLX-001** (Oculogenex) – Gene Therapy to Reduce Oxidative Stress

5. Visual Cycle Modulation

- gildeuretinol** (Alkeus Pharmaceuticals) **PIVOTAL STUDY**
- tinlarebant** (Belite Bio) **PIVOTAL STUDY**

6. Suppress Inflammation

Targeting the Complement Cascade

- 1 **vonaprumet** (Annexon) – C1q Inhibition **PIVOTAL STUDY**
- 2 **pegcetacoplan** (Apellis/Biogen) – C3 Inhibition **FDA APPROVED**
- 3 **CB-2782-PEG** (Catalyst Biosciences) – C3 Protease
- 4 **AMY106** (Amyndas Pharmaceuticals) – C3 Inhibition
- 5 **SLN501** (Silence Therapeutics/Mallinckrodt Pharmaceuticals) – siRNA C3 mRNA Inhibition
- 6 **ABBV-6628** (AbbVie) – C5 Inhibition
- 7 **cemdisiran** (Alnylam Pharmaceuticals) – siRNA C5 mRNA Inhibition
- 8 **KNP-302** (Kanaph Therapeutics) – C3b and CD59 Inhibition
- 9 **avacincaptad pegol** (Astellas) – C5 Inhibition **FDA APPROVED**
- 10 **ALXN1720** (Alexion) – C5 Inhibition
- 11 **pozelimab/cemdisiran** (Regeneron) – C5 Inhibition **PIVOTAL STUDY**
- 12 **PASylated Nomacopan** (Akari Therapeutics) – C5/LTB4 Inhibition
- 13 **JNJ-1887** (Janssen) – sCD59 Gene Therapy
- 14 **danicopan** (Alexion Pharmaceuticals/AstraZeneca) – Complement Factor D Inhibition
- 15 **BCX9930** (BioCryst Pharmaceuticals) – Complement Factor D Inhibition
- 16 **sFH GTx** (4DMT) – Complement Factor H Gene Therapy
- 17 **CFH GTx** (Syncona) – Complement Factor H Gene Therapy
- 18 **AAV.sFH** (Aevitas Therapeutics) – Short-Form Complement Factor H Gene Therapy
- 19 **VOY-101** (Perceive Biotherapeutics) – Complement Factor H Gene Therapy
- 20 **CB-4332** (Catalyst Biosciences) – Recombinant Complement Factor I
- 21 **OMS721** (Omeros) – MASP-2 Inhibition
- 22 **KNP-301** (Kanaph Therapeutics) – C3b/VEGF Inhibition
- 23 **efdamrofusp alfa** (Innovent Biologics) – sCR1/VEGF Inhibition
- 24 **NM5072** (NovelMed) – Properdin Inhibition
- 25 **KRIYA-825** (Kriya Therapeutics) – CR1/CR2 Gene Therapy
- 26 **CTx001** (Complement Therapeutics) – CR1 Gene Therapy
- 27 **iptacopan** (Novartis) – Complement Factor B Inhibition
- 28 **ADX-038** (ADARx) – Complement Factor B siRNA
- 29 **SAR446597** (Sanofi) – Complement C1s and Bb Inhibitor
- 31 **STL303** (Sitala Bio) – oral Complement Factor B inhibition

Macrophage Repolarization

- 30 **AVD-104** (Aviceda Therapeutics) – Complement Factor H Activation
- TMi-018** (Translatum Medicus) – Blocks M1 Transcriptome Expression

Inflammasome Inhibition

- K8** (Inflammasome Therapeutics)

Matrix Modulation

- doxycycline** (Galderma Labs)

7. Stem Cells

Human Embryonic Stem Cells (hESCs)

- OpRegen** (Lineage Cell Therapeutics, Genentech/Roche)
- CPCB-RPE1 Implant** (Regenerative Patch Technologies)
- ASP7317** (Astellas)
- Eyecyte-RPE** (Eystem Research Ltd)
- RPESC-RPE-4W** (Luxa Biotechnology)
- hESC RPE Sheets** (Pfizer)
- HLS001 Cell Sheets** (Sumitomo Dainippon Pharma)

Umbilical Stem Cells (hUTCs)

- Human Umbilical Stem Cells** (iCyte)

