

Issuer Free Writing Prospectus dated December 5, 2022 Relating to Preliminary Prospectus dated December 5, 2 Filed Pursuant to Rule 433 Registration Statement No. 333-268675



Corporate Presentation

December 2022

Nasdaq: OKYO LSE: OKYO

Disclaimer

This institutional presentation document has been prepared by OKYO Pharma Limited ("OKYO") for information purposes only in relation to the proposed placing of American Depositary Shares (ADSs) representing ordinary shares of no par value each in the capital of OKYO (the "Offering"). For the purposes of this notice, "presentation" means this institutional presentation document, any oral presentation, any question-and-answer session and any written or oral material discussed or distributed during any presentation meeting. This presentation is the sol responsibility of OKYO.

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Free Writing Prospectus

We have filed a registration statement (including a preliminary prospectus) with the SEC for the offering to which this presentation relates. The registration statement has not yet become effective. Before you invest, you should read the preliminary prospectus in the registration statement (including the risk factors described therein) and other documents we have filed with the SEC for more complete information about us and the offering.

You may access these documents for free by visiting EDGAR on the SEC website at http://www.sec.gov. The preliminary prospectus, dated December 5, 2022, is available on the SEC website at http://www.sec.gov. Alternatively, we or any underwriter participating in the offering will arrange to send you the prospectus if you contact ThinkEquity LLC, located at 17 State Street, 41st Floor, New York, New York 10004, by telephone at (877) 436-3673, or by email at prospectus@think-equity.com.



Offering Summary

Issuer	OKYO Pharma Limited		
Symbol	Nasdaq: OKYO LSE: OKYO		
Expected Offering Size	\$10 Million of ADSs		
Over-Allotment Option	15%		
Use of Proceeds	 Fund the initial Phase 2 clinical trial for OK-101 in DED patients Working capital and general corporate purposes 		
Sole Book-Running Manager	ThinkEquity		





Pipeline Focus: OK-101 to Treat Dry Eye Disease



^{*}IND Submitted to FDA on November 18, 2022

^{**}Pre-IND Meeting confirmed FDA concurs with plan to open first trial as Phase 2 in DED patients



Dry Eye Disease: Overview



Ocular Surface Damage

Inadequate or unstable tears resulting in lack of moisture and progressive damage to the ocular surface

Inflammation & Pain: Key Symptoms of Dry Eye

Tear film instability triggers chronic inflammation which leads to symptoms of pain, itchiness, burning, and blurry vision

Worldwide patients

20,000,000 US patients

35%

Risk & Growth Factors

Age 50 or older, Female, Wear contact lenses, Digital screen time

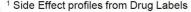


Sources: Papas et al. Ophthalmic Physiol Opt. 2021; 41:1254
Farrand et al. AJO. 2017;182:90; Dana et al, AJO 2019, 202:47
Gayton et al. (2009) Clinical Opthamology; 3 405-412

Limits of Current Standard of Care

5 FDA Approved Drugs on Market With Inadequate Efficacy, Slow Onset of Action, and Numerous Side Effects

	API	¹ Limitations
Restasis Allergan	0.05% cyclosporine	Delayed response, up to 6 months to improve symptoms, burning sensation when instilled 2 70% patients do not refill Rx at Month 12
Xiidra Novartis	5% LFA-1antagonist	Eye irritation and burning sensation, change in taste ² 70% patients do not refill Rx at Month 12
Cequa Sun Pharma	0.09% cyclosporine	Burning, pain upon instillation, blurry vision, UTI (side effects on label)
Eysuvis Kala Pharma	0.25% loteprednol	Short-term treatment only (maximum 2 weeks)
Tyrvaya Oyster Point	0.03 mg / inhalation Varenicline	Sneezing, cough & throat irritation (side effects on label)



¹ Side Effect profiles from Drug Labels
² White DE, (2020) Ocular Surgery News: Issue February 25, 2020

Global DED* Market Expected to Reach ~\$6.5 Billion by 2027



*Market Research Report, Dry Eye Syndrome Market, FBI102413, Dec. 2020 †Yu J et al, Cornea. 2011; 30: 379

OK-101: A Lipid-Conjugated Chemerin Peptide

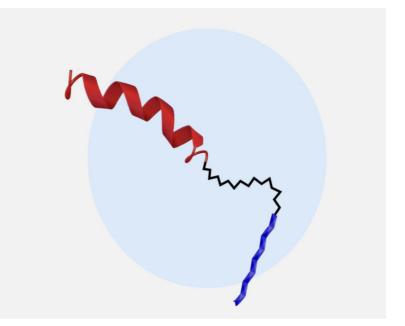
First-in-class drug candidate with antiinflammatory and ocular pain reducing property

Lipid conjugated peptide chemistry minimizes drug washout and enhances the potency

Preservative free, EDTA free

Simple, stable formulation

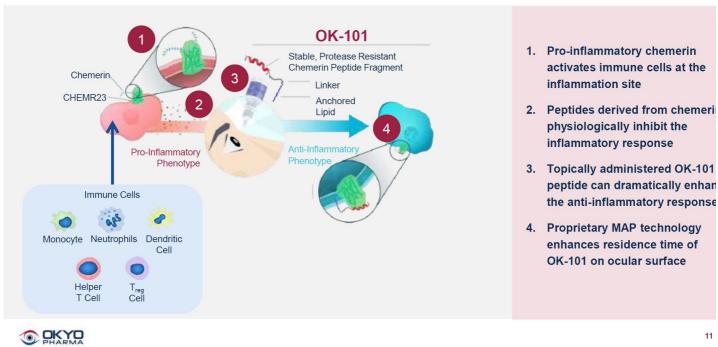
OKYO has exclusive license for OK-101, a novel membrane-anchored chemerin peptide from OTTx Therapeutics (Boston, MA)



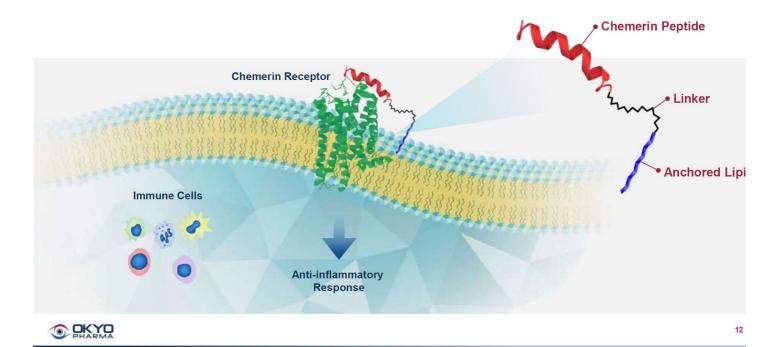


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Chemerin Derived Peptide: A Potential Regulator of Inflammation & Pain

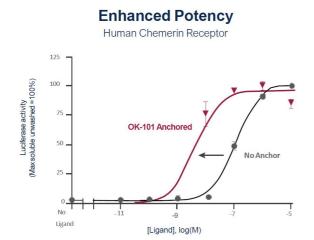


OK-101: Targeting Chemerin Receptor



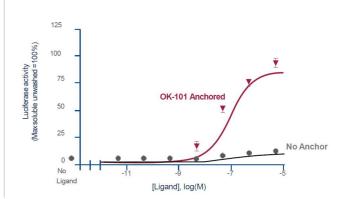
Membrane Anchoring Improves Potency, Durability

*In-vitro studies



Increased Durability

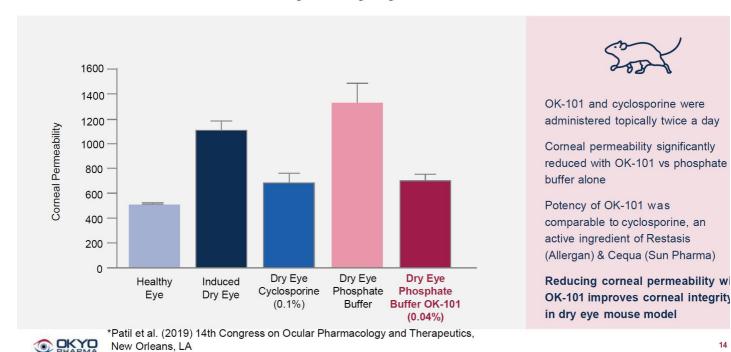
Human Chemerin Receptor (Wash Resistant)



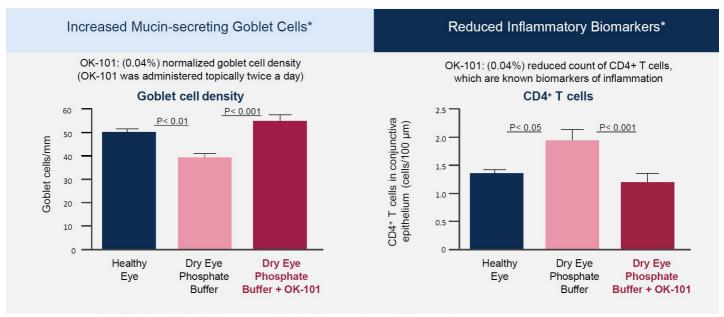


*Adapted from Doyle J et al, J. Biol. Chem. 2014; 289:13385

Validation: OK-101 Efficacy in Dry Eye Mouse Model



OK-101 Normalized Goblet Cells & Reduced Inflammatory CD4 T Cells





*Patil et al. (2019) 14th Congress on Ocular Pharmacology and Therapeutics, New Orleans, LA

Corneal Neuropathic Pain in Dry Eye Disease



Dry-eye patients suffer from corneal neuropathic pain, making their condition more resistant to anti-inflammatory drugs

No FDA approved topical treatment for ocular pain

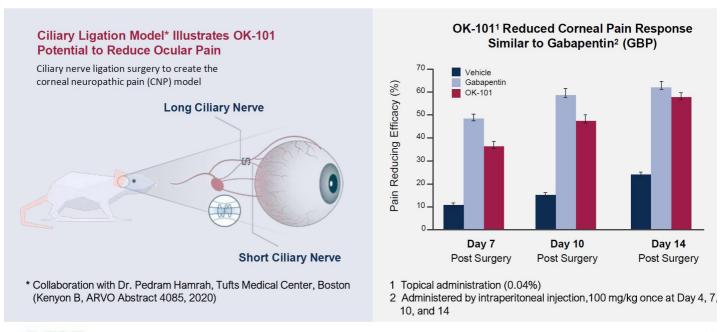
ChemR23 receptor on leukocytes targeted by OK-101 is **also** expressed c neurons and glial cells in the dorsal root ganglion and spinal cord

Such patients would benefit from a drug that comprises anti-inflammatory and neuropathic pain reducing characteristics

OK-101: a promising candidate for the treatment of both inflammation *and* pain

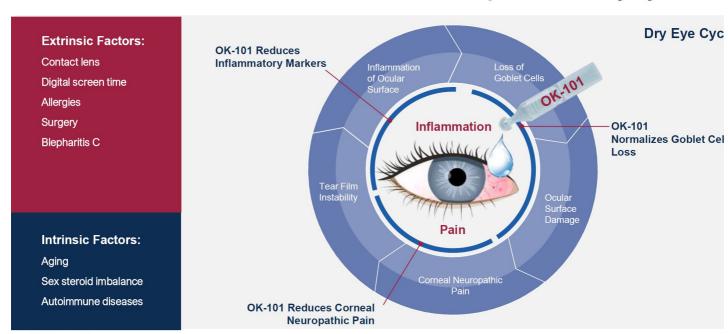


OK-101 Reduced Corneal Neuropathic Pain in Mouse Model



O PHARMA

OK-101 Addresses Inflammation and Pain Components of Dry Eye



OKYO PHARMA



OK-101Clinical Development

Successful Pre-IND Meeting with FDA IND Filed on OK-101 to Treat DED on 18 November 2022

>> Pre-IND Meeting Held February 2022

FDA Agrees on Pre-Specified Co-primary Endpoints (Signs and Symptoms) in Planned Phase 2 Trial

- >> OK-101 IND Filed with FDA on 18 November 2022

FDA Concurs First In-human Trial to be Phase 2



Phase 2 Trial Design

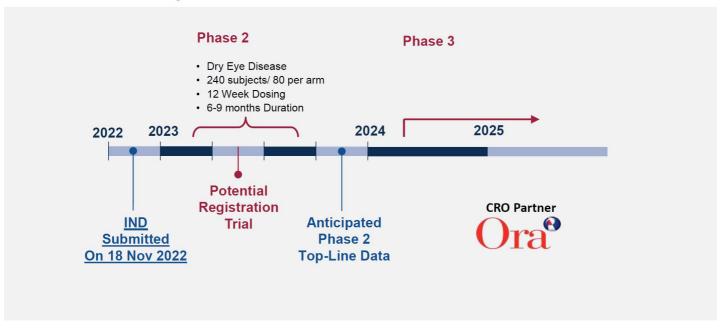
Primary Objective:

Compare safety and efficacy of OK-101 to placebo for the treatment of the signs and symptoms of dry eye





OK-101 Development Timeline





Patent Protection up to 2039

OK-101 Technology:	OK-201 Technology:	
Composition of Matter: US 10,233,219	Composition of Matter: US 10,899,796	
Issued in US to 2034 with potential patent term extension up to 2039	Issued in US to 2036 (+70 days of *PTA) with potential patent term extension up to 2042	
Dry Eye	Dry Eye, Pain, Inflammation	
 Method of Use: US 11,197,906 	 Method of Use: US 10,899,796 	
 Issued in US to 2037 with potential patent term extension up to 2041 	 Issued in US to 2036 (+70 days of *PTA) with potential patent term extension up to 2042 	
Neuropathic Pain	Issued European Patent on Comp. of Matter and Use for	
Method of Use: US11,254,720	neuropathic pain, ocular pain, ocular inflammation, or dry eye: EP3373947	
 Issued in US to 2034 (+187 days of *PTA) 		



Experienced Team With Considerable Drug Development Expertise

Management

Gary S. Jacob, PhD

Chief Executive Officer and Director

Co-inventor and developer of Synergy's FDA-approved drug Trulance, currently marketed by Bausch Health, Inc. 35 years of experience in the pharmaceutical and biotechnology industries.

Raj Patil, PhD

Chief Scientific Officer

30 years of academic/pharmaceutical R&D experience and leadership experience at Alcon, Novartis and Ora, all leaders in Ophthalmology

Keeren Shah

Chief Financial Officer

20 years of experience in controllership, financial planning and analysis, IPO offering and variety of finance positions at Visa Inc, Arthur Andersen, BBC Worldwide, Tiziana Life Sciences and Accustem Inc





















Board

Gabriele Cerrone

Chairman, Founder

Extensive experience founding, financing, restructuring, and listing

multiple micro-cap biotechnology companies in oncology, infectious diseases, and molecular diagnostics.







Gary S. Jacob, PhD Chief Executive Officer and

35 years of experience in the pharmaceutical and biotechnology industries, R&D, operations, business development and capital financing activities

Willy Simon

Non-Executive Director

linternational banking experience gained in senior leadership positions at multiple financial institutions.



Bernard Denoyer

Non-Executive Director

Extensive financial management experience as Senior Vice President of Synergy Pharmaceuticals, Inc. Also served as Chief Financial Officer and Senior Vice President of META Group, Inc.





John Brancaccio

Non-Executive Director

Financial executive with extensive international and domestic experience in pharmaceutical and biotechnology companies







Investment Highlights





CAPITALIZATION TABLE & BALANCE SHEET

Capitalization Table*	ADS Equivalent**	Balance Sheet	At March 31, 2022
Outstanding ordinary shares	21,769,853	Cash	\$2.7m
Options (WAEP: £3.71)	1,258,769	Total Assets	\$4.3m
Warrants (WAEP: £2.90)	552,448	Total Liabilities	\$1.4m
Fully diluted ordinary shares	23,581,070	Shareholders equity	\$2.9m

^{*} As of November 28, 2022 ** 1 ADS represents 65 ordinary shares



USE OF PROCEEDS

- Fund the initial Phase 2 clinical trial of OK-101 in DED patients
- · Fund working capital and other general corporate purposes

UPCOMING MILESTONES

- 1Q2023 Initiating Phase 2 trial of OK-101 in DED Patients
 Placebo-controlled double-blinded 240 patient study
- 4Q2023 Announce completion of enrollment of trial
- 4Q2023 Topline data from Phase 2 Trial





OKYO Pharma Ltd.

OKYO Pharma U.S. Inc.

14-15 Conduit Street

420 Lexington Avenue,

London W1S 2XJ

Suite 1402

Tel: +44 (0) 207 495 237

New York, NY, 10170 USA

Tel: +1 (917) 225-9646

Nasdaq

OKYO

LSE

OKYO

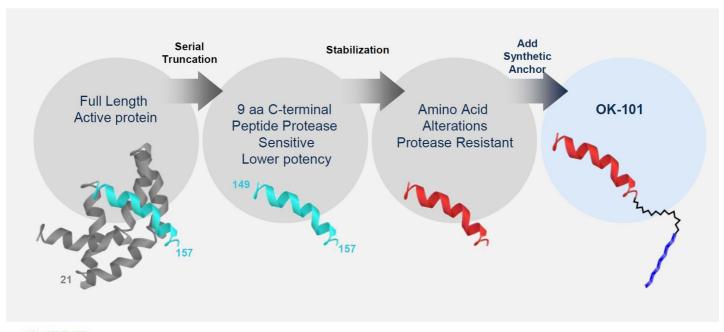
Dry Eye Disease and Ocular Pain

info@okyopharma.com

Appendix

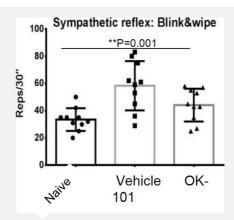


Development of OK-101 Using Proprietary MAP* Technology



Nembrane Anchored Peptide

OK-101 Reduced the Blink Reflex in Dry Eye Mouse Model*



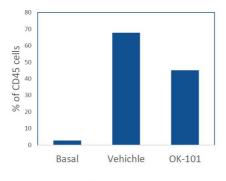
- Blink Reflex in DED patients is increased due to ocular surface irritation and damage
- Blink reflex was significantly lower in the OK-101 treated group compared to vehicle treated animals.

*Separate data on OK-101 from Dr. Hamrah's mouse model at Tufts Medical Center, Boston



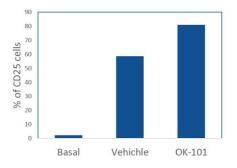
OK-101 Decreased MHC-II⁺ Class Immune Cells and Increased Tregs Cells*

Activated immune cells (MHC-II+), measured by flow cytometry after CD45 labeling, were decreased in draining lymph nodes of OK-101 treated mice



MHC-II+ Cells

FOXP3, a crucial regulator of regulatory T (T_{reg}) cells, measured by flow cytometry after CD25 labeling, were increased in draining lymph nodes of OK-101 treated mice



FoxP3

*Separate data on OK-101 from Dr. Hamrah's DED mouse model at Tufts Medical Center, Boston



Rabbit Ocular Safety Model

OK-101: No Adverse Effects or Local Irritation

- >> Topical Application of OK-101(0.04%) Administered for 5 Days (Twice Daily)
- Clinical Exam of Rabbit Eyes Showed No Signs of Local Irritation
- No Adverse Signs Detected (e.g., Inflammation, Chemosis, Hyperemia, Retinal Hemorrhage)



90-Day Rabbit and Dog Tox Study

OK-101: No Adverse Effects or Local Irritation

- Low and high doses of OK-101, topically administered twice/day over a 90-days, were well tolerated in Dutch-Belted rabbits and Beagle dogs. No observed changes in body weight, or effects on ocular irritation
- >> Ophthalmic examination findings (including fundus and slit lamp evaluations) revealed no changes
- Clinical pathology showed no effects on organ weights and gross and microscopic pathology

