



European Training Network in
Dry Eye Disease Drug Development



OUTREACH SYMPOSIUM DRY EYE DISEASE

2 December 2021 | Livestream

Quinze-Vingts National Ophthalmology Hospital, Paris

Keynote speakers

*Virginia CALDER, PhD
University College London*

*Margarita CALONGE, MD, PhD
University of Valladolid and CIBER-BBN*

IT-DED³ beneficiaries



IT-DED³ receives funding from the European Union's Horizon 2020 Research and Innovation Program under grant agreement No 765608



MORNING

CHAired BY CHRISTOPHE BAUDOIN, MD, PhD

President of the European Dry Eye Society - EuDES. Professor of Ophthalmology, chairman of department 3 of Ophthalmology in Quinze-Vingts National Ophthalmology Hospital



08.45 - 08.50 OPENING & WELCOME NOTE BY THE CHAIRMAN

08.50 - 09.00 INTRODUCTION TO IT-DED³ NETWORK

Koen AUGUSTYNS, PhD, Coordinator of IT-DED³

Dean of the Faculty of Pharmaceutical, Biomedical and Veterinary Sciences, Full Professor of Medicinal Chemistry, University of Antwerp



09.00 - 09.30 KEYNOTE LECTURE

T CELL SUBSETS IN OCULAR SURFACE INFLAMMATORY DISEASE

Virginia CALDER, PhD, Full professor of Ocular Immunology

Ophthalmology Institute, University College London, IT-DED³ External Advisory Board

09.30 - 10.00 BREAK

10.00 - 12.00 DRUG DISCOVERY

Presentations of 20 minutes followed by 10 minutes of Q&A and comments

Chaired by Amalia ENRIQUEZ-DE-SALAMANCA, PhD, Applied Ophthalmology Institute (IOBA), University of Valladolid.

10.00 - Alba RAMOS-LLORCA, University of Antwerp

Activity-based probes targeting serine proteases: a tool for biomarker identification

10.30 - Camilla SCARPELLINI, University of Antwerp

Design, synthesis and biological evaluation of novel cell death inhibitors

11.00 - Nikolaos KATSINAS, University of Valladolid

Valorization of the olive by-products phenolic compounds and their evaluation as therapeutic agents for ocular surface inflammatory diseases

11.30 - Maha ABDALLAH, Institute of Experimental Biology and Technology - iBET

Extraction of bioactives using deep eutctic solvents from marine by-products for their potential application in the dry eye disease treatment

AFTERNOON



13.00 - 13.30 KEYNOTE LECTURE

THE SPECTRUM OF DRY EYE DISEASE - THERAPEUTIC IMPLICATIONS

Margarita CALONGE, MD, PhD, Full professor of Ophthalmology

Head of Ocular Surface Group at the Institute for Applied Ophthalmobiology (IOBA), University of Valladolid and CIBER-BBN

13.30- 16.00 PRECLINICAL DRUG DEVELOPMENT

Presentations of 20 minutes followed by 10 minutes of Q&A and comments

Chaired by Arto URTTI, PhD, Full professor, University of Eastern Finland.

13.30 - Agnese COMPAGNONE, University of Antwerp

Implementation of in-vivo models to identify potential candidates for DED treatment

14.00 - Davide CERADINI, Latvian Institute of Organic Synthesis

Upscaling of lead compounds from WPI and enantioselective synthesis of the serine protease inhibitor UAMC-00050

14.30 - Luna KRSTIC, University of Valladolid

Development of new carriers to improve the bioavailability of topic formulations to treat ocular surface inflammatory diseases

15.00- Anusha BALLA, University of Eastern Finland

Drug penetration to ocular surface tissues

15.30 - Bao TRAN GNOC, University Hospital Cologne

Dry eye therapy using cannabinoid ligands in a water-free delivery platform

16.00 - 16.15 BREAK

16.15 - 17.45 DEVELOPMENT OF CLINICAL DIAGNOSTIC TOOLS

Presentations of 20 minutes followed by 10 minutes of Q&A and comments

Chaired by Annabelle REAUX-LE-GOAZIGO, PhD, the Vision Institute

16.15 Murat Akkurt, Sorbonne University

Development of new biomarkers for Dry Eye Disease

16.45 Adrián Guerrero-Moreno, Sorbonne University

The nociceptive pathway in dry eye disease and ocular surface pain models

17.15 Md Asif KHAN SETU, University Hospital Cologne

Development of novel diagnostic tools for dry-eye disease using infrared meibography, optical coherence tomography (OCT) and confocal microscopy



17.45 CLOSING WORDS

Serge PICAUD, PhD, Director of the Vision Institute



www.itded3.eu

Contact: info.ITDED3@uantwerpen.be

www.dryeye-society.com

