RESEARCH & PUBLICATIONS

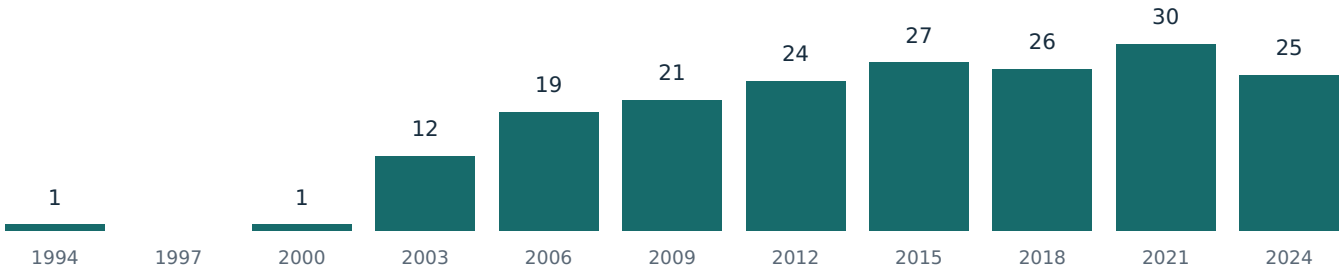
Cintia Sade de Paiva

A publication record at a glance

186	15,776	64
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



MOST CITED IN THIS LIST

TFOS DEWS II Pathophysiology Report — 1,715
2017 Ocular Surface

TFOS DEWS II Report Executive Summary — 768
2017 Ocular Surface

Tear Cytokine Profiles in Dysfunctional Tear Syndrome — 540
2009 American Journal of Ophthalmology

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2026

01 Investigating Conjunctival Immune Pathways in Sjögren and Non-Sjögren Disease Associated Dry Eye.
1 citations
Ocular Surface · 40, 52-62
https://exaly.com/article/210132194

02 A Comprehensive Review of Tear Fluid Proteome Alterations in Dry Eye Disease: Insights Into Pathophysiology and Biomarker Potential.
8 citations
Ocular Surface · 40, 71-85
https://exaly.com/article/210357636

03 Dynamic Progression of Ectopic Lymphoid Structure Formation in Lacrimal Glands of a Sjögren's Disease Murine Model
1 citations
Frontiers in Immunology · 17, 1797691
https://exaly.com/article/211659732

04 Topical Cyclosporine a Therapy for Dry Eye Disease
1 citations
Cochrane Database of Systematic Reviews · 7, CD010051
https://exaly.com/article/216212532

05 Progressive Development of Ectopic Lymphoid Structures as Mediators of Autoimmunity in a Sjögren's Disease Mice Model 2309026
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Journal of Immunology
https://exaly.com/article/216561404

06 Oral Administration of Probiotic Limosilactobacillus reuteri DSM 17938 Suppresses Dry Eye Disease in the Desiccating Stress Mouse Model.
0 citations
Ocular Surface · 42, 243-256
https://exaly.com/article/217289862

07 Mechanisms of CD4+ T Tolerance to a Corneal Epithelial Neoantigen
0 citations
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https://exaly.com/article/227828084

2025

08 Destructive and Protective Effects and Therapeutic Targets of IL-36 Family Cytokines in Dry Eye Disease
3 citations
Ocular Surface · 36, 83-93
https://exaly.com/article/196539951

09 Aged Regulatory T Cells Fail to Control Autoimmune Lacrimal Gland Pathogenic CD4+ T Cells
6 citations
GeroScience · 47, 4219-4240
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2025 / continued

10 **Lymphocyte Subpopulations in the Healthy Human Lacrimal Gland and Their Variations With Age and Sex, Systematic Review 1960–2023**
1 citations
Immunity, Inflammation and Disease · 13, e70167
https://exaly.com/article/199012713

11 **Dessicating Stress Triggers and Exacerbates Experimental Ocular Graft-Versus-Host-Disease**
2 citations
Ocular Surface · 37, 236-246
https://exaly.com/article/200238989

12 **Glands of Moll: History, Current Knowledge and Their Role in Ocular Surface Homeostasis and Disease**
3 citations
Progress in Retinal and Eye Research · 106, 101362
https://exaly.com/article/200604847

13 **Exploring the Transformative Effects of Calorie Restriction on the Lacrimal Gland in Adult Mice**
1 citations
GeroScience · 47, 1-20
https://exaly.com/article/202388946

14 **Ocular Bacterial Microbiome Analysis by Next-Generation Sequencing in Patients With Stevens-Johnson Syndrome and Sjögren's Disease: Associations With Dry Eye Indices**
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https://exaly.com/article/204914019

15 **Aging Affects Lipid Homeostasis in Lacrimal Glands by Upregulating Lipogenesis and Changing Its Specificity**
6 citations
Investigative Ophthalmology and Visual Science · 66, 1-1
https://exaly.com/article/206201748

16 **The Gut Microbiome in Stevens–Johnson Syndrome and Sjögren's Disease: Correlations With Dry Eye**
1 citations
Microorganisms · 13, 2730
https://exaly.com/article/207662720

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17 **Ectoine, From a Natural Bacteria Protectant to a New Treatment of Dry Eye Disease**
19 citations
Pharmaceutics · 16, 236
https://exaly.com/article/176108057

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2024 / continued

18 **Single Cell Analysis of Short-Term Dry Eye Induced Changes in Cornea Immune Cell Populations**
24 citations
Frontiers in Medicine · 11, 1362336
https://exaly.com/article/177134124

19 **Effects of Age on Lacrimal Gland Bioactive Lipids**
15 citations
Ocular Surface · 33, 64-73
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20 **Age-Related Differences in the Mouse Corneal Epithelial Transcriptome and Their Impact on Corneal Wound Healing**
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21 **The Aging Lacrimal Gland of Female C57BL/6J Mice Exhibits Multinucleate Macrophage Infiltration Associated With Lipid Dysregulation**
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22 **Inhibition of Cathepsin S in Autoimmune CD25KO Mouse Improves Sjögren Disease–Like Lacrimal Gland Pathology**
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https://exaly.com/article/187433656

23 **Changes in Conjunctival Mononuclear Phagocytes and Suppressive Activity of Regulatory Macrophages in Desiccation Induced Dry Eye**
13 citations
Ocular Surface · 34, 348-362
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24 **Mouse Corneal Immune Cell Heterogeneity Revealed by Single-Cell RNA Sequencing**
7 citations
Investigative Ophthalmology and Visual Science · 65, 29-29
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25 **$CD4^+$ T Cells Drive Corneal Nerve Damage but Not Epitheliopathy in an Acute Aqueous-Deficient Dry Eye Model**
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Proceedings of the National Academy of Sciences of the United States of America · 121, e2407648121
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26 **Lacrimal Gland Epithelial Cells Shape Immune Responses Through the Modulation of Inflammasomes and Lipid Metabolism**
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27 **Ectopic Lymphoid Structures in the Aged Lacrimal Glands**
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https://exaly.com/article/160688533
28 citations

28 **Heterochronic Parabiosis Causes Dacryoadenitis in Young Lacrimal Glands**
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6 citations

29 **Induction of Innate Inflammatory Pathways in the Corneal Epithelium in the Desiccating Stress Dry Eye Model**
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https://exaly.com/article/162257706
23 citations

30 **Eye Symptoms Due to Environmental and Climatic Parameters Variation: The Google Trends and Eye-Drops Selling as Monitors**
Medical Hypotheses · 175, 111076
https://exaly.com/article/162494682
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31 **Differentially Expressed Tear Proteins in Sjögren's Syndrome Keratoconjunctivitis Sicca**
Translational Vision Science and Technology · 12, 8
https://exaly.com/article/163846377
16 citations

32 **The Impact of Microbiome Alterations on Ocular Surface Diseases**
Journal unavailable
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33 **The First Transcriptomic Atlas of the Adult Lacrimal Gland Reveals Epithelial Complexity and Identifies Novel Progenitor Cells in Mice**
Cells · 12, 1435
https://exaly.com/article/164501656
20 citations

34 **Conditional Deletion of CD25 in the Corneal Epithelium Reveals Sex Differences in Barrier Disruption**
Ocular Surface · 30, 57-72
https://exaly.com/article/166473972
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35 **Clinical Trials Submissions to the Ocular Surface**
Ocular Surface · 30, 51-52
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36 **Our Search of Immune Invaders in the Aged Lacrimal Gland.**
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37 **TNF Is a Critical Cytokine in Age-Related Dry Eye Disease**
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https://exaly.com/article/167301805
35 citations

38 **Effects of Cathepsin S Inhibition in the Age-Related Dry Eye Phenotype**
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39 **Cathepsin S Is a Novel Target for Age-Related Dry Eye**
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25 citations

40 **Single-Cell Transcriptional Profiling of Murine Conjunctival Immune Cells Reveals Distinct Populations Expressing Homeostatic and Regulatory Genes**
Mucosal Immunology · 15, 620-628
https://exaly.com/article/134576939
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41 **Immune Phenotype of the CD4+ T Cells in the Aged Lymphoid Organs and Lacrimal Glands**
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42 **Gut-Derived Butyrate Suppresses Ocular Surface Inflammation**
Scientific Reports · 12, 1-13
https://exaly.com/article/134784052
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43 **Gut Microbiota From Sjögren Syndrome Patients Causes Decreased T Regulatory Cells in the Lymphoid Organs and Desiccation-Induced Corneal Barrier Disruption in Mice**
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https://exaly.com/article/134799657
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44 **IL-17 Producing Lymphocytes Cause Dry Eye and Corneal Disease With Aging in RXRα Mutant Mouse**
Frontiers in Medicine · 9, 849990
https://exaly.com/article/134868002
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45 **Mucosal Immunology of the Ocular Surface**
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46 New, Potent, Small Molecule Agonists of Tyrosine Kinase Receptors Attenuate Dry Eye Disease
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20 citations

47 Imbalanced IL-37/TNF-α/CTSS signaling disrupts corneal epithelial barrier in a dry eye model in vitro
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https://exaly.com/article/155132674
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48 Spatial Transcriptomics of the Lacrimal Gland Features Macrophage Activity and Epithelium Metabolism as Key Alterations During Chronic Inflammation
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International Journal of Molecular Sciences · 23, 14069
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15 citations

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50 Modulation of Oxidative Stress and Inflammation in the Aged Lacrimal Gland.
American Journal of Pathology · 191, 294-308
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55 citations

51 The Ocular Surface Immune System Through the Eyes of Aging
Ocular Surface · 20, 139-162
https://exaly.com/article/80073138
73 citations

52 Age-Related Changes in Ocular Mucosal Tolerance: Lessons Learned From Gut and Respiratory Tract Immunity
Immunology · 164, 43-56
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23 citations

53 Differentially Expressed Gene Pathways in the Conjunctiva of Sjögren Syndrome Keratoconjunctivitis Sicca
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54 Desiccation Induced Conjunctival Monocyte Recruitment and Activation - Implications for Keratoconjunctivitis
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55 **Retinoid Regulation of Ocular Surface Innate Inflammation**
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56 **The Gut-Eye-Lacrimal Gland-Microbiome Axis in Sjögren Syndrome**
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Ocular Surface · 18, 335-344
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57 **Dose-Dependent Benzalkonium Chloride Toxicity Imparts Ocular Surface Epithelial Changes With Features of Dry Eye Disease**
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58 **Highlights From the 22nd International Ocular Surface Society Meeting**
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59 **Fecal Material Transplant and Ocular Surface Diseases**
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60 **Goblet Cells Promote Tolerance Induction in the Conjunctiva**
7 citations
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https://exaly.com/article/75597557

61 **Rapamycin Eyedrops Increased CD4+Foxp3+ Cells and Prevented Goblet Cell Loss in the Aged Ocular Surface**
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62 **Parity Attenuates Intraepithelial Corneal Sensory Nerve Loss in Female Mice**
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63 **Calcineurin Inhibitor Voclosporin Preserves Corneal Barrier and Conjunctival Goblet Cells in Experimental Dry Eye**
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Journal of Ocular Pharmacology and Therapeutics · 36, 679-685
https://exaly.com/article/75917805

64 **IL-33/ST2/IL-9/IL-9R signaling disrupts ocular surface barrier in allergic inflammation**
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66 Immune - Goblet Cell Interaction in the Conjunctiva
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67 Mechanisms of Disease in Sjögren Syndrome—New Developments and Directions
12 citations
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68 Dysbiosis Modulates Ocular Surface Inflammatory Response to Liposaccharide
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69 Age-Associated Antigen-Presenting Cell Alterations Promote Dry-Eye Inducing Th1 Cells
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70 Age-Related Autoimmune Changes in Lacrimal Glands.
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71 Topical Cyclosporine a Therapy for Dry Eye Syndrome
134 citations
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72 IL-27 signaling deficiency develops Th17-enhanced Th2-dominant inflammation in murine allergic conjunctivitis model
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73 Reduced Intraepithelial Corneal Nerve Density and Sensitivity Accompany Desiccating Stress and Aging in C57BL/6 Mice
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75 Severity of Sjögren's Syndrome Keratoconjunctivitis Sicca Increases With Increased Percentage of Conjunctival Antigen-Presenting Cells
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79 Sjögren-Like Lacrimal Keratoconjunctivitis in Germ-Free Mice
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80 Highlights From the 21st International Ocular Surface Society Meeting
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81 Goblet Cell Loss Abrogates Ocular Surface Immune Tolerance
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82 Mitochondrial DNA Oxidation Induces Imbalanced Activity of NLRP3/NLRP6 Inflammasomes by Activation of Caspase-8 and BRCC36 in Dry Eye
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85 **The Pathophysiology of Dry Eye Disease: What We Know and Future Directions for Research**
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88 **Age-Related Spontaneous Lacrimal Keratoconjunctivitis Is Accompanied by Dysfunctional T Regulatory Cells**
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89 **Inhibition of NLRP3 Inflammasome Pathway by Butyrate Improves Corneal Wound Healing in Corneal Alkali Burn**
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91 **Matrix Metalloproteinase-9 in the Pathophysiology and Diagnosis of Dry Eye Syndrome**
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92 **Inflammatory Response to Lipopolysaccharide on the Ocular Surface in a Murine Dry Eye Model**
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93 **Dexamethasone Drug Eluting Nanowafers Control Inflammation in Alkali-Burned Corneas Associated With Dry Eye**
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95 **Interferon-γ–Induced Unfolded Protein Response in Conjunctival Goblet Cells as a Cause of Mucin Deficiency in Sjögren Syndrome**
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97 **Altered Mucosal Microbiome Diversity and Disease Severity in Sjögren Syndrome**
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109 Managing Sjögren’s Syndrome and Non-Sjögren Syndrome Dry Eye With Anti-Inflammatory Therapy

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