

**PERSONAL DATA:**

Name: Jeremías Gastón Galletti  
 Date of birth: September 2<sup>nd</sup>, 1981  
 Place of birth: General Pico, La Pampa, Argentina  
 Home address: Pueyrredón 1148 P9 D18  
 (1118) Buenos Aires, Argentina  
 Work address: Laboratory of Immunology  
 Institute of Experimental Medicine  
 National Academy of Medicine  
 Pacheco de Melo 3081  
 (1425) Buenos Aires, Argentina  
 Phone number: 54-11-48053411 ext 296 (work)  
 54-9-11-61847108 (mobile)  
 Email: [jeremiasg@gmx.net](mailto:jeremiasg@gmx.net)

**PERSONAL STATEMENT:**

I am an ophthalmologist who started his scientific training back in medical school by joining the Immunology Laboratory at the Institute of Experimental Medicine. I have my private practice as an ophthalmologist and I also work at this institute as a researcher. In the last years, I focused my investigative interests away from hematological immunology (which I started as an undergraduate) towards the ocular surface. As an ophthalmologist with a strong immunological background, I am interested in the immune pathophysiology of eye disease. During my residency training, I was also involved in clinical research focused in keratoconus detection through corneal imaging.

**EDUCATION/TRAINING:**

Institution	Degree/Program	Years	Field of study
School of Medicine, University of Buenos Aires	MD	2000-2006	Medicine
Hospital de Clínicas, University of Buenos Aires	Ophthalmology Residency	2007-2010	Ophthalmology
Hospital de Clínicas, University of Buenos Aires	Ophthalmology Chief Resident	2010-2011	Ophthalmology
School of Medicine, University of Buenos Aires	PhD	2007-2012	Immunology
Hospital de Clínicas, University of Buenos Aires	Retina Fellowship	2011-2012	Ophthalmology

**POSITIONS AND EMPLOYMENT:**

2002-2006: Undergraduate Teaching Assistant, University of Buenos Aires, Argentina  
 2007-2012: Doctoral Fellow, National Academy of Medicine, Buenos Aires, Argentina  
 2012-2014: Postdoctoral Fellow, National Academy of Medicine, Buenos Aires, Argentina  
 2014-present: Adjunct Researcher, National Academy of Medicine, Buenos Aires, Argentina

**OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS**

2008-present: Argentinian Society of Immunology, Buenos Aires, Argentina  
 2008-present: Ophthalmology Consultant, Pfortner Laboratory, Buenos Aires, Argentina  
 2009-present: Argentinian ARVO Chapter (Asociación de Investigación en Visión y Oftalmología)  
 2010-present: Argentinian Council of Ophthalmology, Buenos Aires, Argentina  
 2011-present: Argentinian Society of Ophthalmology, Buenos Aires, Argentina  
 2011-present: Association for Research in Vision and Ophthalmology  
 2012-present: Pan-American Association of Ophthalmology

**HONORS:**

2010: Poen Award "Best Scientific Paper in Ophthalmology", Argentinian Soc. of Ophthalm.

- 2011: Enrique S. Malbrán Award, Best Paper in Ophthalmology, Argentinian Soc. of Ophthalm.
- 2012: Outstanding Young Ophthalmologist of the Year, Argentinian Council of Ophthalmology
- 2013: Highest Impact Factor in Ophthalmology Award, Argentinian Council of Ophthalmology
- 2013: Allergan Latin American Research Incentive Award in Glaucoma, PAAO
- 2014: Allergan Latin American Research Incentive Award in Cornea, PAAO
- 2014: Poen Award "Best Scientific Paper in Ophthalmology", Argentinian Soc. of Ophthalm.
- 2015: Allergan Latin American Research Incentive Award in Cornea, PAAO
- 2017: Noceti-Tiscornia Award, Best Paper in Ophthalmology, Natl. Acad. of Medicine of Buenos Aires
- 2018: Roche Collaborative Research Fellowship, ARVO

## PUBLICATIONS

1. The mucosal surfaces of both eyes are immunologically linked by a neurogenic inflammatory reflex involving TRPV1 and substance P. Guzmán M, Miglio MS, Zgajnar NR, Colado A, Almejún MB, Keitelman IA, Sabbione F, Fuentes F, Trevani AS, Giordano MN, **Galletti JG**. *Mucosal Immunol.* 2018 Jun 4.
2. Autophagy Mediates Interleukin-1 $\beta$  Secretion in Human Neutrophils. Iula L, Keitelman IA, Sabbione F, Fuentes F, Guzman M, **Galletti JG**, Gerber PP, Ostrowski M, Geffner JR, Jancic CC, Trevani AS. *Front Immunol.* 2018 Feb 19;9:269.
3. Mucosal immune tolerance at the ocular surface in health and disease. **Galletti JG**, Guzmán M, Giordano MN. *Immunology.* 2017 Apr;150(4):397-407.
4. Mucosal tolerance disruption favors disease progression in an extraorbital lacrimal gland excision model of murine dry eye. Guzmán M, Keitelman I, Sabbione F, Trevani AS, Giordano MN, **Galletti JG**. *Exp Eye Res.* 2016 Jul 18;151:19-22.
5. Desiccating stress-induced disruption of ocular surface immune tolerance drives dry eye disease. Guzmán M, Keitelman I, Sabbione F, Trevani AS, Giordano MN, **Galletti JG**. *Clin Exp Immunol.* 2016 May;184(2):248-56.
6. Galletti JD, Ruiseñor Vázquez PR, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. Multivariate Analysis of the Ocular Response Analyzer's Corneal Deformation Response Curve for Early Keratoconus Detection. *J Ophthalmol.* 2015;2015:496382.
7. Galletti JD, Ruiseñor Vázquez PR, Mínguez N, Delrivo M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. Corneal asymmetry analysis by Pentacam Scheimpflug tomography for keratoconus diagnosis. *J Refract Surg.* 2015;31(2):116–123.
8. Guzmán M, Sabbione F, Gabelloni ML, Vanzulli S, Trevani AS, Giordano MN, **Galletti JG**. Restoring conjunctival tolerance by topical nuclear factor- $\kappa$ B inhibitors reduces preservative-facilitated allergic conjunctivitis in mice. *Invest Ophthalmol Vis Sci.* 2014 Sep 4;55(9):6116-26.
9. Morande PE, Borge M, Abreu C, **Galletti J**, Zanetti SR, Nannini P, Bezares RF, Pantano S, Dighiero G, Opezzo P, Gamberale R, Giordano M. Surface localization of high-mobility group nucleosome-binding protein 2 on leukemic B cells from chronic lymphocytic leukemia patients is related to secondary autoimmune hemolytic anemia. *Leuk Lymphoma.* 2014 Aug 25:1-23.
10. Ruiseñor Vázquez PR, Galletti JD, Mínguez N, Delrivo M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. Pentacam Scheimpflug tomography findings in topographically-normal patients and subclinical keratoconus cases. *Am. J. Ophthalmol.* 2014 Jul;158(1):32-40.
11. Delrivo M, Ruiseñor Vázquez PR, Galletti JD, Garibotto M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. Agreement between Placido topography and Scheimpflug tomography for corneal astigmatism assessment. *J. Refract Surg.* 2014 Jan;30(1):49-53.
12. Ruiseñor Vázquez PR, Delrivo M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. Combining Ocular Response Analyzer Metrics for Corneal Biomechanical Diagnosis. *J Refract Surg.* 2013 Sep;29(9):596-602.
13. **Galletti JG**, Gabelloni ML, Morande PE, Sabbione F, Vermeulen ME, Trevani AS, Giordano MN. Benzalkonium chloride breaks down conjunctival immunological tolerance in a murine model. *Mucosal Immunol.* 2013 Jan;6(1):24-34.
14. **Galletti JG**, Pfortner T, Bonthoux FF. Improved keratoconus detection by ocular response analyzer testing after consideration of corneal thickness as a confounding factor. *J Refract Surg.* 2012 Mar;28(3):202-8.
15. Borge M, Nannini PR, **Galletti JG**, Morande PE, Sánchez Ávalos J, Bezares RF, Giordano M, Gamberale R. CXCL12-induced chemotaxis is impaired in T cells from ZAP-70- chronic lymphocytic leukemia patients. *Haematologica* 95:768-75 (2010).

16. **Galletti J**, Cañones C, Morande P, Borge M, Oppezio P, Geffner J, Bezares R, Gamberale R, Giordano M. Chronic Lymphocytic Leukemia Cells Bind and Present the Erythrocyte Protein Band 3: Possible Role as Initiators of Autoimmune Hemolytic Anemia. *J Immunol* 181:3674-83 (2008).
17. Gabelloni ML, Borge M, **Galletti J**, Cañones C, Calotti PF, Bezares RF, Avalos JS, Giordano M, Gamberale R. SHIP-1 protein level and phosphorylation status differs between CLL cells segregated by ZAP-70 expression. *Br J Haematol.* 140:117-9 (2008).

**ARVO Annual Meeting posters & presentations:**

1. Anatomical outcome and associated factors after surgery for rhegmatogenous retinal detachment in two Argentine clinics. **Galletti JG**, Iezzi L, Ruiseñor Vázquez PR, Francos JP, Casiraghi JF. *ARVO 2017*.
2. Corneal burn in one eye leads to neurogenic conjunctival inflammation of the fellow eye. **Galletti JG**, Guzmán M, Keitelman I, Sabbione F, Trevani A, Giordano MN. *ARVO 2016*.
3. Corneal burn in one eye disrupts conjunctival immunological tolerance of the fellow eye. **Galletti JG**, Keitelman I, Guzmán M, Sabbione F, Giordano MN, Trevani A. *ARVO 2015*.
4. Tear film hyperosmolarity breaks down the ocular surface's immune tolerance: a role in initiating dry eye? Guzmán M, Keitelman I, Sabbione F; Trevani A, Giordano MN, **Galletti JG**. *ARVO 2015*.
5. Anatomical outcome and associated factors after surgery for rhegmatogenous retinal detachment in Argentina. Ruiseñor Vázquez PR, Iezzi L, Francos JP, **Galletti JG**. *ARVO 2015*.
6. Conjunctival immunological tolerance in a murine evaporative dry eye model. **Galletti JG**, Guzmán M, Sabbione F, Gabelloni ML, Vanzulli S, Chiaradía PA, Casiraghi JF, Trevani AS, Giordano MN. *ARVO 2014*.
7. Keratoconus detection by corneal asymmetry analysis with Pentacam Scheimpflug tomography. Galletti JD, Ruiseñor Vázquez PR, Minguez NX, Delrivo M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. *ARVO 2014*.
8. Concordance between corneal biomechanical testing and Scheimpflug tomography for keratoconus detection. Ruiseñor Vázquez PR, Galletti JD, Minguez NX, Delrivo M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. *ARVO 2014*.
9. Corneal changes in time in normal and keratoconic patients assessed by Pentacam Scheimpflug tomography. Minguez NX, Ruiseñor Vázquez PR, Galletti JD, Delrivo M, Fuentes Bonthoux F, Pfortner T, **Galletti JG**. *ARVO 2014*.
10. Mechanisms involved in conjunctival immunological tolerance breakdown by eye drop preservatives. **Galletti JG**, Gabelloni L, Sabbione F, Chiaradía P, Giordano MN, Casiraghi JF. *ARVO 2013*
11. Subclinical Keratoconus Detection Based On Pentacam Scheimpflug Tomography Indices. Ruiseñor Vázquez PR, Delrivo M, Fuentes Bonthoux F, Pfortner T, Chiaradía PA, **Galletti JG**. *ARVO 2013*
12. Subclinical Keratoconus Detection by Multiparametric Corneal Biomechanical Characterization with the Ocular Response Analyzer. **Galletti JG**, Delrivo M, Pfortner T, Fuentes Bonthoux F. *ARVO 2012*
13. Anterior Segment Impact of 20G Three-port Pars Plana Vitrectomy in Phakic Eyes. Oría E, **Galletti JG**, Chiaradía P, Zas JM. *ARVO 2012*
14. Comparative Diagnostic Performance of Pentacam Scheimpflug Tomography and Ocular Response Analyzer Measurements for Subclinical Keratoconus. Delrivo M, Galletti JD, Pfortner T, Fuentes F, **Galletti JG**. *ARVO 2012*
15. Complication Rate and Corneal Endothelial Impact in Phacoemulsification Performed by Ophthalmology Residents at an Argentinian University Hospital. Nebot L, Fernández Abuyé L, Fernández Mendy H, Ruiseñor P, Galletti JD, Chiaradía P, **Galletti JG**. *ARVO 2012*
16. Keratoconus Diagnostic Model Integrating Ocular Response Analyzer Measurements and Corneal Topography. Ruiseñor P, Nebot L, Fuentes Bonthoux F, Delrivo M, Pfortner T, **Galletti JG**. *ARVO 2012*
17. Anterior Corneal Surface Descriptors, Posterior Elevation and Pachymetric Progression in Normal and Subclinical Keratoconus as Assessed by Pentacam. Galletti JD, Delrivo M, Pfortner T, Fuentes Bonthoux F, **Galletti JG**. *ARVO 2012*
18. Corneal Biomechanical Properties in Normal and Myopic Eyes as Assessed by the Ocular Response Analyzer. **Galletti JG**, Delrivo M, Pfortner T, Fuentes Bonthoux F. *ARVO 2011*
19. Evaluation of the Diagnostic Performance of the Ocular Response Analyzer for Subclinical Keratoconus. Fuentes Bonthoux F, **Galletti JG**, Pfortner T. *ARVO 2011*