

Carlo Aleci, MD, PhD
CURRICULUM VITAE

Born in 1969 in Turin, Italy. Secondary school focused on humanities.

Graduated in Medicine at Turin University in 1993 with a dissertation on diabetic retinopathy.

Postgraduated in Ophthalmology at Turin University in 1997 with a final dissertation on a psychophysical test personally devised to evaluate spatial relationship perception in neuro-ophthalmological patients (*Eidomorphometry*).

In 1998-2004 teacher of topics related to neuro-ophthalmology, psychophysics and strabology to trainers in ophthalmology and vision sciences at the University of Turin.

From 1998 to 2000 fellowship in the Low Vision Centre of Turin as a researcher in low vision-inducing ocular pathologies and *retinitis pigmentosa*.

Until 2004 Consultant of the Centre of Neuro-Ophthalmology, University of Turin.

In 2004 Ph.D in Ophthalmological Sciences, with the doctoral dissertation titled *Curvature analysis, spatial relationship perception and quality of vision in neurophysiological and ophthalmological field*.

From 2006 employed at the Gradenigo Hospital, Department of Ophthalmology, Turin, and in charge of the Outpatient Clinic for Glaucoma, the Outpatient Clinic of Neuro-ophthalmology and the service of Perimetry in the aforementioned hospital.

Tenures

Teacher of Strabismology for the bachelor's degree in Orthoptic and Assistant in Ophthalmology at the University of Turin since 1998.

Tenured of Psychophysics of Vision for the bachelor's degree in Orthoptist and Assistant in Ophthalmology at the University of Turin since 2013.

Workshop on developmental dyslexia and ocular movements financed by the Turin Lions Club on February-May 2009.

Awards

In 1997 awarded for the best research at the XXII meeting of the Northwestern Ophthalmological Society (SONO) for the study titled "*Polarized Light Perimetry and glaucoma: possibility of differential sensitivities as a function of the polarization axis*".

In 2000 awarded for the best research at the XXV meeting of the Northwestern Ophthalmological Society (SONO) for the study titled titled "*Spatial relationship perception in the dyslexic child: a novel reading key?*"

In 2001 Awarded for Research in Ophthalmology-2001

In 2001 winner of the Memorial Prof. Gallenga Award with the monograph titled "*Neuro-Ophthalmology*" (in Italian).

Fellowships

Member of the Italian Perimetric Society (SIpE).

Member of the International Perimetric Society (IPS).

Ex member of the *Interdisciplinary Study Group of Posturology* in collaboration with The Gnatologic Department and the Otorhinolaryngology Department of the University of Turin in 2002-2003.

Ex member of the *Research and Interdisciplinary Formation in Mathematics and Biomedicine Group* [MeRIMa] established at the Mathematics Department of the University of Turin in 2006.

Invitations for lectures.

- Vision and Dyslexia, Ivano Fracena, June, 19th-21st, 2003

- From the ABC to the OCT, Turin, November, 7th, 2003

- The Social Dimension of the Communication: Need for a Social-Sanitary Integrate Approach to Support the Adult and Elderly. Turin, March 1st-2nd, 2006

-Mathematical Approach to Visual Psychophysics, Turin, December 13th, 2006

-Primary Headache and Eye, Turin, December, 1st, 2007

-Mind and Visual Art, Turin, November 21th, 2008

- Spatial Vision and Developmental Dyslexia, Genoa, September 26th, 27th, 2008.
- Visual Dyslexia , Turin, May, 4th, 2009
- Ophthalmological Alterations in Parkinson's Disease, Turin, April, 2008
- Reading and Interpreting the Automated Visual Field, Savigliano, December, 4th, 2009
- Ophthalmological and Orthoptic Evaluation in Learning Specific Disabilities and Visuospatial Component-Related Intervention Possibilities, Milan, December, 19th, 2009
- Ophthalmological and Orthoptic Evaluation in Learning Specific Disabilities and Visuospatial Component-Related Intervention Possibilities, Rome, May, 19th, 2010
- Ophthalmological and Orthoptic Evaluation in Learning Specific Disabilities and Visuospatial Component-Related Intervention Possibilities, Verona, May, 26th, 2010
- Perimetry: psychophysical, theoretical and clinical aspects, Bozen, April 9th, 2011
- Oculomotor and visuperceptive alterations in dyslexics. diagnosis and rehabilitative follow-up. Turin, October, 26th, 2011.
- Dyslexia and Vision, Milan, November, 4th, 2011.
- Functional and structural damage progression in glaucoma (part of the project *Save Sight Years*), Pisa, October, 13th -14th, 2012.
- Hemianopia and visual rehabilitation, in the symposium: *Visual field deficit rehabilitation: what are the strategies?* Villa Gualino, Turin, October, 24th 2012 and December, 6th 2012.
- The Tetra protocol in developmental dyslexics, Milan, December, 10th, 2012.
- Papilloedema and related pathologies, Turin, March, 23rd, 2013.
- Spatial vision in dyslexics as a dialectical solution: from the hypothesis of the perceptual shrinking to the TETRA protocol. Visual rehabilitation between myth and reality, in the symposium: *Specific Learning Disabilities: a glance at dyslexia.* Savigliano, September, 27th, 2013.
- Developmental dyslexia: main neuro-ophthalmological features and visual rehabilitation between myth and reality, in the symposium: *Specific Learning Disorders: the orthoptic examination and the point of view of the specialists.* Gardolo-Trento, November, 23rd 2013.
- The tetra protocol. Biella, November, 30th 2013
- State of the Art in Treatment and Rehabilitation. Learning Disabilities. XXXIX Meeting of the Northwestern Ophthalmological Society, Sanremo, October, 3-4, 2014.
- Neuro-ophthalmological aspects in developmental dyslexia, Florence, December, 14th, 2014.
- Neuro-ophthalmological assessment in the child suffering from specific learning disabilities. Turin, April, 11th 2015.
- The relationship between vision and dyslexia. Verona, May 10th, 2015.

Interviews

L'Oculista Italiano (The Italian Ophthalmologist) (N.128, October 2000-January 2001) about the Eidomorphometry

Informaconsumatori (periodic newspaper) March 2009 focused on the relationship between developmental dyslexia and visual system.

Diagnostic psychophysical tests

- *Eidomorphometry* aimed at evaluating spatial relationship perception and spatial relationship-related anisotropy of the visual system in dyslexic and neuro-ophthalmological patients.
- *Eidomorfoperimetry*TM based on Eidomorphometry: perimetric examination aimed at studying the qualitative visual field.
- *Metamorphometry*TM (or *Computerized Amsler test*): aimed at detecting and quantifying the extension and deepness of metamorphopsiae in patients affected by maculopathy.
- *Contrast Sensitivity Test*: aimed at measuring CS function from 0.75 up to 12 cycles/degrees based on a 4-2 staircase procedure.
- *OKT*: aimed at measuring visual acuity in preverbal children or for medical-legal purpose by means of optokinetic nystagmus.
- *Reading Performance Test (REPORT)* aimed at measuring dyslexics' reading performance under anisotropic conditions
- *DomiTest-M and DomiTest-S* aimed at estimating the motor and sensorial ocular dominance.
- *Trigram* aimed at rehabilitating reading performance of patients suffering from dyslexia, maculopathy, amblyopia and visual field defects via improvement of the lateral masking.

- *Crowding Estimator* aimed at measuring psychophysically crowding (lateral masking) at different eccentricities across the visual field.

Books.

- *Dyslexia: A Visual Approach*. Nova Science Publishers Inc., New York, 2013.
- *Dislessia: l'Approccio Visivo, Italian Editrion, LaFeltrinelli, Milan, 2014*
- *Measuring the Soul. Introduction to Psychophysics for Non-Psychophysicians (in Italian), LaFeltrinelli, Milan, 2014*
- *Interpreting the TETRA Analyzer (in Italian). LaFeltrinelli, Milano, 2015.*

Editorial Board Memberships and Reviewing

Editor-in Chief of *Neuro-Ophthalmology & Visual Neuroscience*.

Editor of *American Journal of Medical and Biological Research*.

Editor of *International Journal of Neurology Research*.

Editor of *Ophthalmology Research and Reports*.

Invitation as a reviewer for papers submitted to:

- PlosONE*
- Clinical Ophthalmology*
- The Open Journal of Ophthalmology*
- Eye and Brain*
- Clinical Optometry*
- American Journal of Pharmacological Sciences*
- Neural Regeneration Research*
- Journal of Biological Regulators & Homeostatic Agents*

Reviewer at the 3rd International Conference on Biomedical Engineering and Biotechnology (ICEB 2014)

Publications and Personal Communications.

Giardini F, Vitale Brovarone M, Attisano C, Aleci C. La flora batterica congiuntivale è analoga nei due occhi? Studio microbiologico comparativo in pazienti operandi per cataratta Boll.Ocul., Suppl.n.5, 159, 1996.

Brogliatti B, Zanini A, Mignone U, Aleci C, Gastaldi C, Bolla N, Vadalà G, Boles Carenini B. Efficacia terapeutica e tollerabilità locale di due recenti formulazioni di farmaci antipertensivi oculari a basso dosaggio (Betaxololo "S" 0.25 e levobunololo 0.1) Boll.Ocul., Suppl.n.4, 155, 1997.

Aleci C., Cipullo D., Boles Carenini B., Vadalà G., Brogliatti B. Studio dell'induzione di down regulation in seguito alla riduzione della concentrazione di Timololo Maleato in pazienti glaucomatosi: una nuova strategia terapeutica? Boll.Ocul., Suppl.n.3, 75, 1998.

Aleci C., Palanza L., Brogliatti B., Boles Carenini B. Perimetria a luce polarizzata e glaucoma: possibile acquisizione, nell'occhio glaucomatoso di sensibilità differenziali in rapporto all'asse di polarizzazione. Boll.Ocul., Suppl.n.3, 63, 1998.

Boles Carenini B, Aleci C, Palanza L, Brogliatti B. Polarized light Perimetry: possible acquisition, in the glaucomatous eye, of differential sensitivities in respect to the polarization axis. Personal communication at the 2^o International Glaucoma Symposium, Jerusalem, March, 15-20 1998, published in the congress book, p.61.

Aleci C, Boles Carenini B. Evidence for the recovery of ocular hypertone human retina sensitivity to polarized light: barostress phylogenetic regression theory

Presented at the 80° meeting of the *Association des Anatomistes*, Turin, May, 20-23, 1998.

Palanza L, Aleci C, Brogliatti B, Boles Carenini B. Polarized light perimetry and advanced glaucoma. Presented at the XIII Symposium of the International Perimetric Society, Gardone Riviera, September, 6-9, 1998, published in the congress book, p.29.

Aleci C, Bredariol C, Labanca I, Musso M. A new method for the study of simple formal perception: eidomorphometry. Preliminary results. *New Trends Ophthalmol.* Vol.XIII, 30, 1998.

Aleci C, Brogliatti B, Boles Carenini B. The recovery of sensitivity to polarized light by the human retina in conditions of ocular hypertension: the theory of barostress phylogenetic regression. Theoretical aspects. *New Trends Ophthalmol.* Vol.XIII, 67, 1998.

Palanza L, Aleci C, Magistro G, Brogliatti B, Boles Carenini B. Polarized Light Perimetry and advanced glaucoma. *New Trends Ophthalmol.* Vol.XIII, 69, 1998.

Aleci C, Grignolo FM, Palanza L, Nuzzi R. Valore predittivo della perimetria a luce polarizzata (PLP) nella degenerazione maculare correlata all'età. Presented at the VI National GISI Meeting, Rome, November, 18-21, 1998, published in the congress book, p.12.

Aleci C, Bredariol C, Pastore V, Musso M. Una nuova metodica per lo studio della percezione formale semplice: l'Eidomorfometria. Presented at the "incontri di oftalmopediatria ed oftalmologia "guida ai problemi visivi della prima infanzia" Bosisio Parini, March, 13, 1999, published in *Appunti di Strabologia*, p. 171-173.

Aleci C, Bredariol C, Pastore V, Musso M. Correlazione tra sede di lesione ed alterazione della qualità visiva in bambini cerebrolesi mediante l'Eidomorfometria. Presented at the VII National GISI Meeting, Rome, November, 24, 1999, published in the congress book, p.7.

Aleci C, Botta S, Boggio Merlo S, Sciandra L, Palanza L. Correlazione tra sensibilità retinica centrale e periferica in corso di retinosi pigmentosa, studiata con metodiche psicofisiche convenzionali e sperimentali. Presented at the 6th National Meeting of the Italian Perimetric Society, Rome, November, 25-26, 1999, published in the congress book, p.20.

Aleci C., Bredariol C., Pastore V., Sciandra L., Cavagnino D., Musso M. Correlation by a computer-assisted experimental technique (eidomorphometry) between the lesion seat and deterioration of spatial relationship perception in neuro-impaired subjects. *Boll.Ocul*, 79, suppl.3, 121, 2000.

Aleci C, Bredariol C., Sciandra L., Cavagnino D., Musso M. Quantitative analysis of morphoscopic perception by eidomorphometry in an asymptomatic adult subject with positive anamnesis for infantile occipital trauma. *Boll.Ocul*, 79, suppl.3, 117, 2000.

Aleci C, Bredariol C, Sciandra L, Cavagnino D, Musso M. Studio della percezione spaziale in soggetti affetti da paralisi cerebrale infantile valutata mediante una tecnica sperimentale computer-assistita (Eidomorfometria). Presented at the II Meeting of the Italian Strabismological Association, Florence, May, 26-27, 2000, published in the abstract book, p.53.

Aleci C, Sciandra L, Tonini L, Palanza L, Fea A, Brogliatti B, Croce S, Iato MS, Boschetti R. Is Chromium supplementation effective in improving visual function in preretinopathic diabetic patients? Presented at the International Forum on Diabetic Retinopathy, Naples, September, 7-9, 2000, published in the congress book, p.39.

Aleci C., Bredariol C., Sciandra L., Bimbi E., Musso M. La percezione dei rapporti spaziali nel bambino dislessico: una nuova chiave interpretativa? *Boll.Ocul*, 80, 3, 283, 2001.

Aleci C, Bredariol C, Cattani I, Dogliani M, Fea AM, Musso M, Rabbione M, Sciandra L. Encefalopatie infantili e disturbi neurooftalmologici. Monography winner of the Prof. Gallenga Award, 2001. Presented at the XXVI North Western Ophthalmological Meeting (SONO), Turin, 2001. *Minerva Oftalmologica* 2003, 45, 1-32.

Sciandra L., Aleci C., Bredariol C., Farri A., Musso M., Grignolo F.M. Valutazione della percezione dei rapporti spaziali in soggetti affetti da sindrome vertiginosa centrale e periferica. *Boll.Ocul*, 80, 3, 287, 2001.

Aleci C, Sciandra L, Tonini L, Palanza L, Fea AM, Brogliatti B, Croce S, Iato M.S, Boschetti R. La somministrazione di cromo in pazienti diabetici preretino-patici è efficace nel migliorare la funzione visiva? *Boll.Ocul*, 80, 3, 315, 2001.

Botta S, Aleci C, Brogliatti B. Il campo visivo a luce polarizzata nello studio di soggetti affetti da retinosi pigmentosa in vari stadi di compromissione perimetrica. *Boll.Ocul*, 80, 3, 319, 2001.

Aleci C, Sciandra L, Tonini L, Gallo R, Piccoli M, Musso M. Objective evaluation and perceptive effects of the cyclotorsional component in vertical non-comitant strabismus. Presented at 27th annual meeting of the European Strabismological Association, Florence, June, 7-9, 2001, published in the congress book, p.40 and in *Transactions 27th meeting European Strabismological Association*, 37,2001.

Aleci C, Borasio E, Tonini L, Foriero A, Brogliatti T, Rolle T. Correlazione tra morfologia dell'escavazione papillare e sensibilità alla luce polarizzata in soggetti affetti da glaucoma cronico semplice in fase iniziale. Personal communication at the 7th National Meeting of the Italian Perimetric Society, Rome, October, 26-27, 2001.

Aleci C. Alla ricerca delle forme perdute con l'eidomorfometria. *Notiziario della Sezione Provinciale di Torino dell'Unione Italiana Ciechi*, Anno 1, n.2, Dicembre 2001, p.6.

Sciandra L, Aleci C, Cavagnino D, Enrico A, Musso M. La percezione dei rapporti spaziali nella sindrome vertiginosa centrale e periferica. *Ottica Fisiopatologica*, 7, 37-43, 2002.

Franceschini C, Borasio E, Dogliani M, Aleci C, Piccoli.M, Grignolo F.M. Il test di Amsler computerizzato: risultati preliminari in soggetti sani con scotoma artificialmente indotto. *Bollettino di Oculistica*, 81suppl.2, 89, 2002.

Aleci C, Annetta F, Sciandra L, Morgese A, Sesia R, Musso M. Studio della qualità della visione in occhi affetti da ambliopia strabica /anisometropica mediante una particolare tecnica psicofisica (eidomorfometria). *Bollettino di Oculistica*, 81,suppl 2,143, 2002.

Sciandra L, Aleci C, Tonini L, Gallo R, Piccoli M, Musso M. Valutazione oggettiva ed effetti percettivi della componente ciclotorzionale nello strabismo incomitante verticale. *Bollettino di Oculistica*, anno 81, suppl 2, 139, 2002.

Aleci C, Dogliani M, Mannone C, Rolle T, Brogliatti B, Musso M. Considerazioni sulle similitudini tra idrodinamica oculare e ventricoloencefalica: possibili presupposti per una nuova concezione di glaucoma cronico semplice come disturbo generalizzato a carico dell'idrodinamica oculo-cerebrale. Personal communication at the XXVII meeting of the Northwestern Ophthalmological Society, Sestri Levante, October, 4-5, 2002.

Vera Torres L, Aleci C, Cattani I, Roagna B, Brogliatti B, Rolle T. Studio della localizzazione del danno apoptotico retinico nell'ipertensione oculare e nel glaucoma iniziale. Personal communication at the XXVII meeting of the Northwestern Ophthalmological Society, Sestri Levante, October, 4-5, 2002.

Aleci C, Dogliani M, Sciandra L, Bredariol C, Trabbia E, Musso M, Grignolo FM. Sperimentazione di strategie di compenso nella sindrome dislessica: una possibile conferma per la "teoria eidomorfometrica"?

Personal communication at the XXVII meeting of the Northwestern Ophthalmological Society, Sestri Levante, October, 4-5, 2002.

Franceschini C, Borasio E, Dogliani M, Piccoli M, Aleci C, Grignolo FM. Il test di Amsler computerizzato (CAT) come esame diagnostico complementare in pazienti affetti da CSC. Personal communication at the XXVII meeting of the Northwestern Ophthalmological Society, Sestri Levante, October, 4-5, 2002.

Aleci C, Dogliani M, Sciandra L, Cavagnino D, Bredariol C, Musso M, Grignolo FM. The “perceptive spreading”: a different approach to current theories on aetiology of dyslexia. Personal communication at the XV International Congress of Eye Research (ICER), Geneva, October 6-10, 2002.

Grignolo FM, Vera Torres LF, Aleci C, Cattani I, Roagna B, Brogliatti B, Rolle T. Detection of programmed retinal ganglion cells death areas in initial stages of primary open angle glaucoma with “polarized light sensitivity”. Personal communication at EVER 2002, Alicante, October 2-5, 2002.

Aleci C, Dogliani M, Bredariol C, Musso M, Grignolo FM. Dislessia ed alterazione della percezione dei rapporti spaziali: una nuova ipotesi. *Presented at the 82nd Meeting of the Italian Ophthalmological Society, Rome, November 20-23, 2002, published in the proceedings of the meeting, p.77.*

Aleci C, Sciandra L, Canavese L, Piccoli M, Bredariol C, Musso M. Oculokinetic patterns and spatial relationship perception in subjects affected from central deafness. Personal communication at the XXVIII meeting of the Northwestern Ophthalmological Society, Alessandria, October 3rd, 4th, 2003.

Aleci C, Bredariol C, Musso M. Il campo visivo qualitativo: un nuovo colle di visione? Personal communication at the XXIX meeting of the Northwestern Ophthalmological Society, Savona, October, 1-2, 2004.

Aleci C, Piccoli M, Sciandra L, Russo V, Bredariol C, Musso M. Nostra proposta per un approccio scientifico alla raccolta anamnestica in neuroftalmologia: il Protocollo Anamnestico Analitico (AAP). Personal communication at the XXIX meeting of the Northwestern Ophthalmological Society, Savona, October, 1-2, 2004.

Sciandra L, Aleci C, Bredariol C, Musso M, Rigardetto R, Grignolo FM. Le alterazioni dell’oculomotricità nei pazienti affetti da dislessia evolutiva. Personal communication at the XXX Meeting of the Northwestern Ophthalmological Society, September, 30- October 1, 2005.

Triggiani A, Anfossi R, Aleci C, Vitale Brovarone M, Anselmino F. Facoemulsificazione di cataratta complicata da ressi spontanea della capsula anteriore in sindrome da pseudoesfoliatio. Personal communication at the XXXI meeting of the Northwestern Ophthalmological Society, Genoa, September, 29-30, 2006.

Vitale Brovarone M, Aleci C, Triggiani A, Anselmino F. Tono oculare, spessore corneale e sensibilità luminosa differenziale in soggetti glaucomatosi. Personal communication at the XXXI meeting of the Northwestern Ophthalmological Society, Genoa, September, 29-30, 2006.

Aleci C, Usai T, Rebaudengo N, Mana O, Peretti V, Anselmino F, Liboni W. Sulle caratteristiche multimodali del difetto emianoptico: confronto tra perimetria convenzionale, rarebit e MIDA. Personal communication at the XXXI meeting of the Northwestern Ophthalmological Society, Genoa, September, 29-30, 2006.

Sciandra L, Aleci C, Bredariol C, Musso M. Percezione dei rapporti spaziali, dominanza oculare ed efficienza lessicale nella dislessia evolutiva. Personal communication at the XXXII meeting of the Northwestern Ophthalmological Society, Alba, September, 28-29, 2007.

Aleci C, Piccoli M, Anselmino F. Dislessia evolutiva: il punto di vista neuroftalmologico. *Ottica Fisiopatologia, XIII, 17-30, 2008.*

- Aleci C, Usai T. Testing Spatial detection and light sensitivity in homonymous haemianopia by Rarebit and conventional automated perimetry. *The Open Ophthalmology Journal*, 2, 153-159, 2008.
- Piana G, Piccoli M, Aleci C. L'alterazione del senso dello spazio nella dislessia evolutiva: l'anisotropia come fattore concausale. Personal communication at the 41st National Meeting AIORAO, Florence, May, 14-17, 2009.
- Aleci C, Liboni W. Perceptive aspects of visual aura. *Neurological Sciences* 30, 447-452, 2009.
- Aleci C, Piana G, Anselmino F. Evaluation of spatial anisotropy by curvature analysis of elliptical targets. *The Open Ophthalmology Journal*, 4, 20-26, 2010.
- Aleci C, Piana G, Piccoli M, Bertolini M. Developmental dyslexia and spatial relationship perception. *Cortex*, 48, 466-476, 2012.
- Aleci C, Usai T, Anselmino F. Detezione spaziale e sensibilità luminosa differenziale nelle emianopsie omonime. *Ottica Fisiopatologica*, 1, 13-23, 2012.
- Aleci C, Anselmino F. Saccadi e fissazioni: il quando, il dove e l'aspetto visuoperceptivo. *Euvision, Peer-Reviewed Journal of Ophthalmology*, 4: 20-28, 2012.
- De Carolis A, Bianco M, Casali M, Fassari A, Gheradi F, Albioni G, De Persis MC, Ranni F, Sanna G, Vitale L, Zanini A, Savoia G, Aleci C, Reposi S, Vicini V, Riccardi C, Bertonati MR, Bay A, Lambertini G, Ruggieri ML, Sapelli F, Belardelli S, Scrivanti C, Palomba MA, Paoli D, Camerino L, Stornelli R, Agneni F, Passani A, Dal Mas P, Di Censo L, Pastori G. Monoterapia con bimatoprost 0,1 mg/ml: esperienza clinica su efficacia e tollerabilità. *Ottica Fisiopatologica*, 262-263, Dec 2012.
- Aleci C, Usai T, Paiola M. Light sensitivity and visual field extension in hemianopes wearing halfmoon prismatic sectors. *American Journal of Medical and Biological Research*, 1 (3), 77-85, 2013.
- Aleci C, Cavaglià L, Piana G, Usai T. Domitest-S: A Novel Dichoptic Technique to Assess Ocular Sensory Dominance In Children. A population study. *British Journal of Medicine & Medical Research*, 4(6): 1371-1382, 2014.
- Aleci C, Canavese L. Fast eye movements and slow eye movements in congenital neurosensorial deaf subjects as assessed by 2d video-oculography™. *Ophthalmology Research: An International Journal*, 2(3): 157-164, 2014.
- Aleci C. The game of reading: when saccades and fixations play on a seesaw. *American Journal of Medical and Biological Research*, 2(2), 31-36, 2014.
- Aleci C, Cafasso R, Canavese L. Improving crowding in dyslexic children by visual training: conflicting results from a single masked cross-over pilot study. *British Journal of Medicine & Medical Research*, 4(20), 3720-3733, 2014.
- Aleci C. Colored filters and dyslexia. a quick gliding over myth and (possible) reality. *Neuro-ophthalmology & Visual Neuroscience*, 1(1), 18-21, 2014.
- Aleci C, Belcastro E, Canavese L. Visual training helps improve reading in dyslexic children with abnormal crowding. *Ophthalmology Research: An International Journal*, 3(3), 85-94, 2015.
- Aleci C. Advancing a model to account for abnormal spatial relationship perception in bulbar cyclotorsion. *Cureus*, 7(4): e264. doi:10.7759/cureus.264, 2015.

Aleci C, Mannone C, Rebaudengo N. On the Relationship Between Ocular and Ventricular Fluid Dynamics. Advancing a Joint Classification and a Pilot Study in Patients Suffering from Nonocclusive Hydrocephalus. *Neuro-Ophthalmology & Visual Neuroscience*, 1(1), 27-36, 2015.

Aleci C, Canavese L. A computational approach to the anamnestic collection in neuro-ophthalmology: the Analytic Anamnestic Protocol. *Research*, 2, 1421, 2015.

Aleci C, Belcastro E. Parallel convergences: a glimpse to the magno- and parvocellular pathways in visual perception. *World Journal of Research and Review*, 3(3), 34-42, 2016.

Aleci C. Rationale of polyunsaturated fatty acids supplementation in the frame of the magnocellular theory of dyslexia. *Journal of Advances in Medical and Pharmaceutical Sciences* 12(4): 1-9, 2017.

In witness whereof,

Carlo Aleci.

Turin, May, 16th, 2017