

# BACHIR ABIAD



## EDUCATION

- American University of Beirut, Faculty of Medicine  
Doctor of Medicine (M.D.). Beirut, Lebanon 2008 - 2012
- American University of Beirut, Faculty of Arts and Sciences  
Bachelor of Science (B.S.), Biology  
**High Distinction** 2005 - 2008
- Collège des Frères  
Baccalaureate in Life Sciences  
**High Distinction** 1990 - 2005

## WORK EXPERIENCE

- **Assistant Professor of Ophthalmology.**  
Ophthalmology Department. LAUMC – Rizk Hospital 2021 – Present
- **Cornea, External Ocular Disease and Refractive Surgery.**  
Ophthalmology Department. Clemenceau Medical Center. Beirut, Lebanon 2018 – Present
- **Head of Division.**  
Ophthalmology Department.  
Cornea, External Ocular Disease and Refractive Surgery.  
Monla Hospital. Tripoli, Lebanon 2018 – Present
- **Assistant Professor.**  
Ophthalmology Department. Beirut Arab University. Lebanon 2018 – 2019
- **Clinical Instructor. Cornea, External Ocular Disease and Refractive Surgery.**  
University of Texas Southwestern Medical Center. USA 2016 – 2018
- **Fellow. Cornea, External Disease and Refractive Surgery.**  
University of Texas Southwestern Medical Center. USA  
AUPO certified fellowship program. 2016 – 2018
- **Resident. Ophthalmology.**  
American University of Beirut Medical Center. Lebanon 2013 – 2016
- **Intern. Internal Medicine.**  
American University of Beirut Medical Center. Lebanon 2012 – 2013

## HONORS AND AWARDS

- **Fellow Teacher of the Year.** University of Texas Southwestern Medical Center. USA. 2018
- **First Prize.** Lebanese Ophthalmological Society Best Poster Presentation. 2016
- **First Prize.** Lebanese Ophthalmological Society Best Poster Presentation. 2015
- **Penrose Award Nomination.** American University of Beirut Medical Center.  
Faculty of Medicine. 2012
- **Dean's Honor List.** American University of Beirut Medical Center. 2009
- **Dean's Honor List.** American University of Beirut, Faculty of Arts and Sciences. 2005 - 2008

## PROCEDURES AND SKILLS

- Complex anterior segment **reconstruction surgeries**
- All types of Penetrating and lamellar corneal **transplants**: PKP, DALK, DSAEK (including the ultra-thin and nano-thin DSAEK), DMEK
- Secondary **intraocular lenses** and complex **cataract surgeries**
- Certified performing Femto-Laser Assisted Cataract Surgeries using the LensEx and Ziemer Z8 machines
- Certified doing refractive procedures using using Wavelight, Visx and Schwind refractive platforms.
- Certified implanting corneal rings, corneal inlays.
- Certified using Avedro for cross linking.

## RESEARCH AND PUBLICATIONS

- Maamoun Abdul Fattah, MD; Carl-Joe Mehanna, MD; Rafic Antonios, MD; **Bachir Abiad, MD**; Nada S. Jabbur, MD; Shady T. Awwad, MD. Five-Year Results of Combined Small-Aperture Corneal Inlay Implantation and LASIK for the Treatment of Hyperopic Presbyopic Eyes. *Journal of Refractive Surgery*. 2020;36(8):498-505. **Published - JRS**  
Aug 2020
- Mahasneh S, Saade JS, **Abiad Bachir**, Cavanagh HD. (2018). A Comparison of Visual Outcomes of Deep Anterior Lamellar Keratoplasty versus Penetrating Keratoplasty in Patients with Keratoconus. *J Ophthalmic Clin Res* 4: 045 **Published**  
March 2018
- Haytham I. Salti, Carl-Joe Mehanna, **Bachir Abiad**, Nicola Ghazi, Samih Raad, Anita Barikian, Randa Haddad, Adnan Ashkar, Elie Harmouche, Elie Zaghrini and Afif Mufarrij. "Changing Trends in Eye-Related Complaints Presenting to the Emergency Department in Beirut, Lebanon, over 15 Years". *Journal of Ophthalmology*. Volume 2018, Article ID 4739865 **Published**  
March 2018
- Joanna S. Saade, **Bachir Abiad**, Jonathan Jan, Dana Saadeh, James McCulley, Jeremy Bartley. "Ocular Rosacea Causing Corneal Melt in an African American Patient and a Hispanic Patient". *Case Reports in Ophthalmological Medicine*. **Published**  
August 2017
- R. Antonios; M. Abdul Fattah; S. A. Mosquera; **B. Abiad**; S. Awwad. "Single-step transepithelial versus alcohol-assisted photorefractive keratectomy in the treatment of high myopia: a comparative evaluation over 12 months". *British Journal of Ophthalmology*. doi: 10.1136/bjophthalmol-2017-310943. **Published - BJO**  
July 2017
- Edward Khawam, M.D.; **Bachir Abiad, M.D.**; A. BouGhannam, M.D.; J. Saadeh, M.D.; R. Alameddine, M.D. "Convergence Insufficiency / Divergence Insufficiency Convergence Excess / Divergence Excess: Some Facts and Fictions". *Case Reports in Ophthalmological Medicine*. Manuscript ID 680474. **Published**  
July 2017
- Antonios R, Fattah MA, Maalouf F, **Abiad B**, Awwad ST. "Central Corneal Thickness After Cross-linking Using High-Definition Optical Coherence Tomography, Ultrasound, and Dual Scheimpflug Tomography: A Comparative Study Over One Year". *American Journal of Ophthalmology*. doi: 10.1016/j.ajo.2016.04.004. **Published - AJO**  
Apr 2016
- Marwan R Abdulaal, MD; **Bachir H Abiad, MD**; Rola N Hamam, MD. "Uveitis in the Aging Eye: Review of Incidence and Patterns". *Journal of Ophthalmology*. Manuscript ID # 824685. **Published**  
May 2015

- Ahmad M. Mansour, **Bachir Abiad**, Fouad I. Boulos, et al., “Adult Ocular Toxocariasis Mimicking Ciliary Body Malignancy,” Case Reports in Medicine, vol. 2014, Article ID 368907, 5 pages, 2014. doi:10.1155/2014/368907 **Published**  
Oct 2014
- Book Chapter. **Bachir Abiad** Classification of Keratoconus. Shadi Awwad, **Bachir Abiad** In process
- M. Abdul Fattah; **B. Abiad**; R. Antonios; S. Awwad. “Single-step transepithelial PRK using a novel aspheric laser pulse distribution algorithm vs a conventional aspheric pulse distribution profile: a comparative analysis”. In process
- **B. Abiad**, S. Mahasneh, J. P. McCulley, J. Bartley, J. Saadeh. “Unilateral Idiopathic Corneal Edema in Three Hispanic Patients Refractory to Medical Treatment”. Case Reports in Ophthalmological Medicine. In Process
- **B. Abiad**, Z. Bashshour, C. Haddad, L. Chaar, M. Kou’ek. “Frequent Intravitreal Injections Increase the Risk of Posterior Capsular Rupture During Cataract Surgery.” In Process
- **M.B. Abiad**, M. Khalil, W. Baassiri, E. Zaghri, K. Anouti, O. Dewachi, H. Osman. “AUBMC 2020: Exploring the Relationship Between Medical Education and Health System Needs.” AUBMC . Saab Medical Library Archive. **Archived**  
Apr 2012
- **M.B. Abiad**, M. Khalil, W. Baassiri, E. Zaghri, V. Mouawwad, K. Anouti, M.S. Jaffa. “Diabetes Mellitus Type II in Lebanon: Prevalence and Complications”. American University of Beirut Medical Center. Saab Medical Library Archive. **Archived**  
Jun 2009
- Review Article. **M.Bachir Abiad**. “Pathophysiology of Migraine”. Middle East Journal of Family Medicine, 2008, 6, 7, 29-30. **Published**  
Oct 2008

#### CERTIFICATIONS

- ECFMG certified - USA 2015
- AUPO certified in Cornea, External diseases and Refractive surgeries. USA 2018

#### EXTERNSHIPS

- Cornea, cataract and ocular surface diseases.  
**Wilmer Eye Institute. John Hopkins. Baltimore. USA** May 2014
- Neuro-Radiology.  
Radiology Department. AUBMC. Beirut. Lebanon. Jul 2012
- Uveitis and ocular surface diseases.  
Ophthalmology Department. **University of Illinois in Chicago. Chicago, USA** Oct 2011
- General Surgery.  
**Centre Hopitalier Universitaire - Jean Minjoz. Besancon, France** Aug 2009

## PRESENTATIONS/LECTURES

### International:

- **Primary Speaker.** “New Surgical Modalities for Presbyopia”. Second Contact Lens Scientific Day. Jun-19
- “A Comparison of Visual Outcomes of Deep Anterior Lamellar Keratoplasty vs Penetrating Keratoplasty in Patients with Keratoconus”. Paper presentation. ASCRS Apr-18
- “Ocular Rosacea Causing Corneal Melt in an African American Patient and a Hispanic Patient.” Paper session. OMIG meeting. Nov-17
- “Long-term Safety and Efficacy of Combined Small Aperture Corneal Inlay implantation and LASIK for the Treatment of Hyperopic Presbyopic Eyes: 3-Year Results.” Paper session. ASCRS. May-16
- **Best Paper session award.** “Single-Step Transepithelial PRK and PRK With Alcohol-Mediated Epithelial Removal: Comparative Study.” Poster Presentation. **ASCRS**; Paper ID 13787. Apr-15
- “New Technique for High Density Silicone Oil Removal: Passive Egress Using the Law of Density.” **Video projection.** ASRS meeting. Jul-15
- “Paraproteinimic Maculopathy”. Poster Presentation. Association for Research in Vision and Ophthalmology (ARVO) Orlando. USA May-14
- “Anterior Segment Reconstruction After Extensive Fusarium Corneal Abscess One Month Following LASIK Surgery”. Poster Presentation. American Association of Ophthalmology (AAO). Chicago. USA. Nov-12

### National:

- Changing trends in an eye related causalities presenting over a 15 year period to the Emergency Department in a tertiary care center in Beirut, Lebanon. B. Abiad; H. Salti. **First Prize Poster Session.** May-16
- Intra-operative Complications During Cataract Surgery in Patients with prior Intravitreal Injections. B. Abiad; Z. Bashshour. Lebanese Ophthalmological Society (LOS). Beirut. Lebanon. **First Prize Poster Session.** May-15
- Should phacoemulsification be banned in active MRSA infections? Bashir Abiad, Ahmad Mansour, and Haytham Salti. Lebanese Ophthalmological Society (LOS). Beirut. Lebanon. May-14
- Paraproteinimic Maculopathy. Biochemistry Research Day. Beirut. Lebanon. Feb-14
- **Awareness Lecture.** Diabetes: Prevention. SESOBEL, Kesrouan, Lebanon. Apr-12
- Podium Presentation titled: “AUBMC 2020: Exploring the Relationship Between Medical Education and Health System Needs”. AUB. FHS. Apr-12
- “Pomegranate (*Punica granatum*) attenuates acute kidney injury by downregulating Nox1 and Nox4 NADPH oxidase in mice exposed to cigarettes smoking” AUBMC. Department of Anatomy, Cell Biology, and Physiological Sciences, and Department of Internal Medicine. Feb-12
- “Is Linalool a Potential Chemical to be Used in The Treatment of Hepatic Cancer?” AUBMC. Department of Biochemistry and Molecular Genetics. May-10
- Podium Presentation titled “Diabetes Mellitus Type II in Lebanon”. American University of Beirut. Faculty of Health Sciences. Jun-09
- Seminar Power Point Presentation titled: “Nicotine: A Potential Therapy for Alzheimer’s Disease?”. American University of Beirut. Department of Biology and Life Sciences. Apr-08
- Poster Presentation titled “Ethanol and Wood for a Cheaper Tar?”. Winner of second best poster award. American University of Beirut. Department of Chemistry. May-07

## MEMBERSHIPS

- Cornea Society. Member. 2016 – Present
- Patient Education Committee. AUBMC. Member. 2015, 2016
- Quality control. Ophthalmology department representative in AUBMC. 2014, 2015
- Tripoli Recovers. Vice President and founding member. 2014, 2015
- Standing Committee of Public Health (SCOPH). (LeMSIC). Secretary. 2008
- Culture development Club. American University of Beirut. Vice President. 2007

## LANGUAGES

- Fluent in **Arabic, English** and **French**.

## VOLUNTEERING AND COMMUNITY SERVICE

- Organizer and Ophthalmologist on field - Free Medical Days  
Tripoli Recovers. Tripoli. Lebanon. Aug 2014, Feb 2014
- Diabetes Awareness Campaign.
  - Free Public Blood Glucose Measurement on World Diabetes Day 2008
  - Distributing and Collecting 3200 diabetes questionnaires all over Lebanon. 2008
  - Public lecture on diabetes treatment and prevention (SESOBEL). 2012
- Volunteer.  
Children Cancer Center of Lebanon (CCCL). Saint Jude. AUBMC. 2007 – 2008

## REFERENCES

- Available upon request.

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