



Yasir Sepah

Assistant Professor (Research) of Ophthalmology

Bio

BIO

Yasir J Sepah is an Assistant Professor at the Byers Eye Institute with a decade of experience in drug repositioning, development of biomarkers and multicenter clinical trials. He completed his medical education at The Aga Khan Medical College, Karachi, Pakistan. He completed his postdoctoral studies in ophthalmic imaging and clinical trials at the Wilmer Eye Institute, Johns Hopkins University, and a BioDesign fellowship at the Stanford Center for Biodesign.

Yasir Sepah is internationally known for his innovative approaches to low-cost, investigator sponsored, first in-human clinical trials that has put several molecules on track for regulatory approval. He also develops biomarkers and methods to identify early disease and objectively assess response to therapy and has recently developed an imaging method (image guided microperimetry) that can potentially allow a paradigm shift in how we assess disease progression in age related macular degeneration, inherited retinal degenerations and diabetic macular ischemia .

ACADEMIC APPOINTMENTS

- Assistant Professor (Research), Ophthalmology
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Co-Founder, Crest Trials, (2022- present)
- Co-Founder, Ocular Imaging Research & Reading Center, (2016- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate Member, American Academy of Ophthalmology (2012 - present)
- Associate Member, Association for Research in Vision and Ophthalmology (2010 - present)
- Executive Board Member, Foster Ocular Immunology Society (2014 - present)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Yasir's primary focus is on early identification of ocular diseases and objective assessment of response to therapy via biomarker (imaging and molecular) discovery and endpoints development for clinical trials. His lab is also developing and implementing protocols and methods to make decentralized clinical trials in ophthalmology viable.

Yasir is also engaged in developing low-tech, low cost and less intelligent solutions in order to improve patient's access to care.

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Haider Ali

Publications

PUBLICATIONS

- **Unseen Insights: An AI-Powered Exploration of Secure Patient Messages in Ophthalmology.** *medRxiv : the preprint server for health sciences*
Kim, J. Y., Fazal, Z. Z., Wang, S. Y., Chang, R. T., Linos, E., Sepah, Y. J.
2026
- **Assessing ChatGPT's Performance in Delineating Uveitis: An analysis of responses to real-world case presentations.** *medRxiv : the preprint server for health sciences*
Halim, M. S., Khowaja, A. H., Fazal, Z. Z., Jain, T., Janjua, K., Khan, A. A., Tran, A. N., Sepah, Y. J.
2026
- **Structure-Function Correlation Using a Targeted Image-Guided Microperimetry Approach for Retinal Atrophic Diseases: A Methods Study.** *Translational vision science & technology*
Afridi, R., Halim, M. S., Ahmed, M., Yucel, H., Fazal, Z. Z., Janjua, K., Campigotto, M., Shah, S. M., Nguyen, Q. D., Sepah, Y. J.
2025; 14 (12): 20
- **HORNBILL: A First-in-Human Phase I/IIa Study of the Safety, Tolerability, and Early Pharmacodynamics of BI 764524 for Diabetic Macular Ischemia** *OPHTHALMOLOGY SCIENCE*
Nguyen, Q., Jhaveri, C., Habib, M., Sepah, Y. J., Nassar, K., Krawczyk, B., Simons, G., Giani, A., Pearce, E., Gliem, M., Ahmed, M., Sivaprasad, S., HORNBILL Study Grp
2025; 5 (5)
- **Morphological Characteristics of Perforating Scleral Vessels in Myopic Patients: A Quantitative OCT Analysis**
Sendino, I., Hassan, M., Halim, M., Carrero, M., Ruiz, A., Gonzalez, I., Perez-Alvarez, A., Hernandez, A., Laguardia, C., Lorenzo, V., Herreras, J., Perez, M., Marquez, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Comparative Evaluation of the Repeatability and Reproducibility of Manual and Novel Automated Method for Measuring DAF and DDAF Lesions in Stargardt Disease**
Ahmed, M. I., Yucel, H., de Guimaraes, T., Kiran, R., Sendino, I., Nguyen Nam, Afridi, R., Khan, S., Campigotto, M., Hariri, A., Nguyen Quan Dong, Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Objective Assessment of Microperimetry Exam Using Visual Evoked Potentials and Pupillary Light Reflex**
Dar, M., De Castr, A., Janjua, K., Fazal, Z., Shaik, M., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Unveiling an Uncharted Retinal Landscape: OCT-Guided Microperimetry Reveals Previously Undetected Sensitivity Patterns in Geographic Atrophy and iAMD**
Sepah, Y., Ahmed, M. I., Janjua, K., Halim, M., Shaik, M., Yamaguchi, T., Esmaeelpour, M., Leng, T., Do, D., Yucel, H., Campigotto, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Longitudinal Analysis of Choriocapillaris Flow Voids in Intermediate Age-Related Macular Degeneration and Geographic Atrophy**
Janjua, K., Shaik, M., Hung, J., Ahmed, M. I., Halim, M., Baluyot, S., Guzman, H., Yamaguchi, T., Esmaeelpour, M., Leng, T., Do, D., Yucel, H., Sepah, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025

- **VisionGuard: A Scalable Mobile Solution for Accurate Best Corrected Visual Acuity Testing**
Khan, A., Janjua, K., Shaik, M., Neto, A., Shakeel, G., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Seeing Beyond the Screen: An AI-Powered Exploration of Ophthalmology Patient Messaging at Stanford Medicine**
Fazal, Z., Kim, J., Shaik, M., Janjua, K., Linos, E., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **HORNBILL: A First-in-Human Phase I/IIa Study of the Safety, Tolerability, and Early Pharmacodynamics of BI 764524 for Diabetic Macular Ischemia.** *Ophthalmology science*
Nguyen, Q. D., Jhaveri, C., Habib, M., Sepah, Y. J., Nassar, K., Krawczyk, B., Simons, G., Giani, A., Pearce, E., Gliem, M., Ahmed, M., Sivaprasad, S.
2025; 5 (5): 100781
- **Macular Sensitivity Endpoints in Geographic Atrophy: Exploratory Analysis of Chroma and Spectri Clinical Trials.** *Ophthalmology science*
Chang, D. S., Callaway, N. F., Steffen, V., Csaky, K., Guymer, R. H., Birch, D. G., Patel, P. J., Ip, M., Gao, S. S., Briggs, J., Honigberg, L., Lai, P., Ferrara, et al
2024; 4 (1): 100351
- **Choriocapillaris (CC) Analysis in Subjects with Intermediate Age-Related Macular Degeneration and Geographic Atrophy using SD and SS OCT Angiography**
Yucel, H., Halim, M., Janjua, K., Baluyot, S., Guzman, H., Yamaguchi, T., Esmaeelpour, M., Leng, T., Do, D. V., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Correlation of functional and anatomical improvement following treatment for Diabetic Macular Edema: a post-hoc analysis**
Khowaja, A., Janjua, K., Afridi, R., Ahmed, M., Halim, M., Quan Dong Nguyen, Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Assessing Retinal Sensitivity in Geographic Atrophy Using OCT-Guided Microperimetry: Insights from the OREO Study**
Sepah, Y., Ahmed, M., Halim, M., Janjua, K., Baluyot, S., Guzman, H., Yamaguchi, T., Esmaeelpour, M., Leng, T., Do, D. V.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Aqueous humour interleukin-6 and vision outcomes with anti-vascular endothelial growth factor therapy.** *Eye (London, England)*
Sepah, Y. J., Do, D. V., Mesquida, M., Day, B. M., Blotner, S., Afridi, R., Halim, M. S., Hong, K., Wakshull, E., Fauser, S., Stoilov, I., Dong Nguyen, Q.
2024
- **Optical coherence tomography angiography in diabetic retinopathy.** *Progress in retinal and eye research*
Waheed, N., Rosen, R. B., Jia, Y., Munk, M. R., Huang, D., Fawzi, A., Chong, V., Nguyen, Q. D., Sepah, Y., Pearce, E.
2023: 101206
- **Association of oral montelukast with reduced odds of developing exudative age-related macular degeneration.** *Retina (Philadelphia, Pa.)*
Matsumiya, W., Karaca, I., Pham, B. H., Akhavanrezayat, A., Uludag, G., Yasar, C., Ghoraba, H., Mobasserian, A., Regenold, J., Halim, M. S., Sepah, Y. J., Do, D. V., Chong, et al
2023
- **Efficacy and Safety of Tocilizumab in the Management of Non-Infectious Uveitis Failed with Conventional Immunomodulatory and Anti-TNF α Therapies.** *Ocular immunology and inflammation*
Uludag, G., Karaca, I., Akhavanrezayat, A., Yasar, C., Matsumiya, W., Pham, B. H., Halim, M. S., Trong Tuong Than, N., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2022: 1-7
- **Longitudinal Comparative Analysis of Semi-Automated Aqueous Flare Measurements with Clinical Grading and Visual Outcomes in Uveitic Eyes.** *Ocular immunology and inflammation*
Hasanreisoglu, M., Halim, M. S., Kesim, C., Doan, H. L., Tran, A. N., Nguyen, W., Besalti, Z., Lajevardi, S., Hassan, M., Akhavanrezayat, A., Ahmed, M. I., Do, D. V., Sepah, et al
2022: 1-6
- **HORNBILL: a phase I/IIa trial examining the safety, tolerability and early response of BI 764524 in patients with diabetic retinopathy and diabetic macular ischaemia-rationale, study design and protocol.** *Trials*
Chong, V., Nguyen, Q. D., Sepah, Y., Giani, A., Pearce, E.
2022; 23 (1): 669

- **Corrigendum to Phase 1b Randomized Controlled Study of Short Course Topical Recombinant Human Nerve Growth Factor (rhNGF) for Neuroenhancement in Glaucoma: Safety, Tolerability, and Efficacy Measure Outcomes.** *Am J Ophthalmol* 2022;234:223-234. *American journal of ophthalmology*
Beykin, G., Stell, L., Halim, M. S., Nunez, M., Popova, L., Nguyen, B. T., Groth, S. L., Dennis, A., Li, Z., Atkins, M., Khavari, T., Wang, S. Y., Chang, et al
2022
- **Proteomic analysis of autoimmune retinopathy implicates NrCAM as a potential biomarker.** *Ophthalmology science*
Al-Moujahed, A., Velez, G., Vu, J. T., Lima de Carvalho, J. R., Levi, S. R., Bassuk, A. G., Sepah, Y. J., Tsang, S. H., Mahajan, V. B.
2022; 2 (2)
- **Novel retinopathy in pediatric retinal vasculitis: long term follow up**
Yasar, C., Ghoraba, H., Regenold, J., Or, C., Halim, M., Uludag, G., Hwang, J., Karaca, I., Mobasserian, A., Akhavanrezayat, A., Yasar, M., Khojasteh, H., Sepah, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
- **Multifocal electroretinographic findings in eyes with posterior uveitis and angiographic macular leakage**
Hwang, J., Karaca, I., Lajevardi, S., Or, C., Zaidi, M., Regenold, J., Halim, M., Uludag, G., Yasar, C., Bazoojoo, V., Than, N., Mobasserian, A., Sepah, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
- **Utilisation of composite endpoint outcome to assess efficacy of tocilizumab for non-infectious uveitis in the STOP-Uveitis Study.** *The British journal of ophthalmology*
Hassan, M., Sadiq, M. A., Ormaechea, M. S., Uludag, G., Halim, M. S., Afridi, R., Do, D. V., Sepah, Y. J., Nguyen, Q. D.
2022
- **Two Phase 3 Studies on Ophthalmologic Effects of Roxadustat Versus Darbeopetin.** *Kidney international reports*
Sepah, Y. J., Nguyen, Q. D., Yamaguchi, Y., Otsuka, T., Majikawa, Y., Reusch, M., Akizawa, T.
2022; 7 (4): 763-775
- **Correlation of Clinical Aqueous Flare Grading to Semi-Automated Flare Measurements Using Laser Flare Photometry.** *Ocular immunology and inflammation*
Halim, M. S., Hasanreisoglu, M., Onghanseng, N., Tran, A. N., Hassan, M., Yilmaz, M., Segawa, A., Gurelik, G., Afridi, R., Ormaechea, M. S., Uludag, G., Kesim, C., Nguyen, et al
1800: 1-7
- **Evaluating optical coherence tomography (OCT) findings as potential biomarkers in central nervous system (CNS) lymphoma with or without ocular involvement** *INTERNATIONAL JOURNAL OF RETINA AND VITREOUS*
Hassan, M., Halim, M., Afridi, R., Nguyen, N. V., Nguyen, Q., Sepah, Y. J.
2021; 7 (1): 70
- **Effect of light backscattering from anterior segment structures on automated flare meter measurements.** *European journal of ophthalmology*
Hasanreisoglu, M., Kesim, C., Yalinbas, D., Yilmaz, M., Uzunay, N. S., Aktas, Z., Halim, M. S., Sepah, Y. J., Nguyen, Q. D., Sahin, A.
2021: 11206721211039350
- **Distinct Patterns of Choroidal Lesions in Punctate Inner Choroidopathy and Multifocal Choroiditis Determined by Heatmap Analysis.** *Ocular immunology and inflammation*
Park, J. G., Halim, M. S., Uludag, G., Onghanseng, N., Sredar, N., Sepah, Y. J., Nguyen, Q. D.
2021: 1-6
- **Safety of intravenous high-dose pulse methylprednisolone succinate in the management of pediatric uveitis**
Ghoraba, H., Akhavanrezayat, A., Matsumiya, W., Pham, B., Yasar, C., Karaca, I., Mobasserian, A., Regenold, J., Lam, B., Hwang, J., Lajevardi, S., Yavari, N., Halim, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
- **Correlation between photoreceptor density in adaptive optics imaging with retinal structure and sensitivity in autoimmune retinopathy**
Matsumiya, W., Akhavanrezayat, A., Uludag, G., Yasar, C., Ghoraba, H., Mobasserian, A., Karaca, I., Lam, B., Pham, B., Hwang, J., Afridi, R., Halim, M., Do, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
- **Association of oral montelukast with reduced odds of developing neovascular age-related macular degeneration**

- Karaca, I., Matsumiya, W., Akhavanrezayat, A., Uludag, G., Yasar, C., Mobasserian, A., Hwang, J., Lajevardi, S., Lam, B., Afridi, R., Do, D., Sepah, Y., Quan Dong Nguyen
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
- **Measuring Anterior Chamber Flare using Novel Slit-Lamp Imaging Technique**
Halim, M., Chakravarthy, A., Onghanseng, N., Hassan, M., Ormaechea, M., Hasanreisoglu, M., Matsumiya, W., Uludag, G., Tran, A., Sepah, Y., Subramaniam, M., Nguyen, Q.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
 - **Novel retinopathy identified in pediatric retinal vasculitis**
Yasar, C., Matsumiya, W., Akhavanrezayat, A., Ghoraba, H., Halim, M., Uludag, G., Pham, B., Hwang, J., Karaca, I., Lajevardi, S., Lam, B., Regenold, J., Sepah, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
 - **Altered patient demography and increased complexity of ICD coding in uveitis over 10 years**
Hwang, J., Halim, M., Uludag, G., Yasar, C., Ghoraba, H., Pham, B., Lajevardi, S., Lam, B., Regenold, J., Bazoojoo, V., Karaca, I., Mobasserian, A., Do, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
 - **Efficacy and safety of tocilizumab in the management of non-infectious retinal vasculitis**
Uludag, G., Halim, M., Akhavanrezayat, A., Matsumiya, W., Yasar, C., Pham, B., Hwang, J., Lajevardi, S., Lam, B., Karaca, I., Mobasserian, A., Regenold, J., Do, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
 - **Current concepts in the diagnosis and management of antiphospholipid syndrome and ocular manifestations.** *Journal of ophthalmic inflammation and infection*
Uludag, G., Onghanseng, N., Tran, A. N., Hassan, M., Halim, M. S., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2021; 11 (1): 11
 - **Differences in the characteristics of subjects achieving complete, partial, or no resolution of macular edema in the READ-3 study.** *Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie*
Halim, M. S., Afridi, R., Hasanreisoglu, M., Hassan, M., Ibrahim-Ahmed, M., Do, D. V., Sepah, Y. J., READ-3 Investigators
2021
 - **Eye trauma in falls presenting to the emergency department from 2006 through 2015** *BRITISH JOURNAL OF OPHTHALMOLOGY*
Usmani, B., Latif, A., Iftikhar, M., Sepah, Y. J., Parker, C., Fliss, J. A., Dansingani, K. K., Shah, S.
2021; 105 (2): 198-204
 - **Phase 1b randomized controlled study of short course topical recombinant human nerve growth factor (rhNGF) for neuroenhancement in glaucoma: safety, tolerability and efficacy measure outcomes.** *American journal of ophthalmology*
Gala, B., Laurel, S., Sohail, H. M., Mariana, N., Lilia, P., Bac T, N., Sylvia L, G., Amy, D., Zhongqiu, L., Melissa, A., Tom, K., Sophia Y, W., Robert, et al
2021
 - **Retraction Note to: Pharmacological agents in development for diabetic macular edema.** *International journal of retina and vitreous*
Sadiq, M. A., Halim, M. S., Hassan, M. M., Onghanseng, N., Karaca, I., Agarwal, A., Afridi, R., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2020; 6 (1): 65
 - **Effect of Fundus Fluorescein Angiography on Semiautomated Aqueous Flare Measurements.** *Ocular immunology and inflammation*
Halim, M. S., Onghanseng, N., Park, J. H., Yilmaz, M., Segawa, A., Ertop, M., Hassan, M., Tran, A. N., Aktas, Z., Ozdek, S., Gurelik, G., Do, D. V., Sepah, et al
2020: 1-4
 - **Yet another case of ocular sarcoidosis.** *American journal of ophthalmology case reports*
Hien, D. L., Onghanseng, N., Ngoc, T. T., Hwang, J. J., Pham, B. H., Doan, H. L., Nguyen, H. V., Halim, M. S., Uludag, G., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2020; 19: 100825
 - **Longitudinal assessment of patients with anterior scleritis using scleral area vessel density**
Akhavanrezayat, A., Halim, M., Onghanseng, N. L., Hassan, M., Mahajan, S., Uludag, G., Ormaechea, M., Tran, A., Chea, S., Doan, H., Park, J., Do, D. V., Sepah, et al

ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2020

- **OPHTHALMOLOGICAL EFFECTS OF ROXADUSTAT IN THE TREATMENT OF ANAEMIA IN CHRONIC KIDNEY DISEASE PATIENTS ON DIALYSIS IN A PHASE 3, RANDOMISED, DOUBLE-BLIND, ACTIVE-COMPARATOR CONVERSION STUDY**
Sepah, Y., Quan Dong Nguyen, Yamaguchi, Y., Majikawa, Y., Reusch, M., Akizawa, T.
OXFORD UNIV PRESS.2020: 102
- **Eye-Related Emergency Department Visits and the Opioid Epidemic: A 10-year Analysis**
Shah, S., Usmani, B., Latif, A., Amarasekera, S., Mukhtar, S., Iftikhar, M., Kherani, S. A., Sepah, Y., Raghavan, D., Smith, W., Jhanji, V., Dansingani, K. K.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2020
- **A Distinct Pattern of Choroidal Lesions in Multifocal Choroiditis and Pan-uveitis Determined by Heatmap Analysis**
Park, J., Halim, M., Uludag, G., Onghanseng, N. L., Sredar, N., Sepah, Y., Quan Dong Nguyen
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2020
- **Significance of External Limiting Membrane Integrity as an OCT Biomarker on Functional Outcomes in Eyes with Macular Edema**
Huy Vu Nguyen, Hassan, M., Yusuf, K., Ormaechea, M., Uludag, G., Halim, M., Afridi, R., Nam Nguyen, Vigil, E., Sepah, Y., Quan Dong Nguyen
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2020
- **Ocular Toxoplasmosis Lesion Detection on Fundus Photograph using a Deep Learning Model**
Hasanreisoglu, M., Halim, M., Chakravarthy, A., Soledad Ormaechea, M., Uludag, G., Hassan, M., Ozdemir, H., Ozdal, P., Colombero, D., Rudzinski, M. N., Ariel Schlaen, B., Sepah, Y., Chundi, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2020
- **Correction of perceived visual distortions using a software application and correlation to age-related macular degeneration** *THERAPEUTIC ADVANCES IN OPHTHALMOLOGY*
Hassan, M., Chakravarthy, A. D., Subramaniam, M., Chundi, P., Sadiq, M., Halim, M., Afridi, R., Tran, A. N. T., Sepah, Y. J., Do, D., Quan Dong Nguyen
2020; 12: 2515841420917783
- **Eye-Related Emergency Department Visits and The Opioid Epidemic: a 10-Year Analysis** *OPHTHALMIC EPIDEMIOLOGY*
Usmani, B., Latif, A., Amarasekera, S., Mukhtar, S., Iftikhar, M., Kherani, S., Sepah, Y. J., Raghavan, D., Smith, W. D., Jhanji, V., Dansingani, K. K., Shah, S. M. A.
2020: 300–309
- **Brolucizumab: Evolution through Preclinical and Clinical Studies and the Implications for the Management of Neovascular Age-Related Macular Degeneration.** *Ophthalmology*
Nguyen, Q. D., Das, A. n., Do, D. V., Dugel, P. n., Gomes, A. n., Holz, F. G., Koh, A. n., Pan, C. n., Sepah, Y. J., Patel, N. n., MacLeod, H. n., Maurer, P. n.
2020
- **Posterior segment inflammatory outcomes assessed using fluorescein angiography in the STOP-UVEITIS study.** *International journal of retina and vitreous*
Sadiq, M. A., Hassan, M. n., Afridi, R. n., Halim, M. S., Do, D. V., Sepah, Y. J., Nguyen, Q. D.
2020; 6: 47
- **Pharmacological agents in development for diabetic macular edema.** *International journal of retina and vitreous*
Sadiq, M. A., Halim, M. S., Hassan, M. n., Onghanseng, N. n., Karaca, I. n., Agarwal, A. n., Afridi, R. n., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2020; 6: 29
- **Severe vision loss secondary to retinal arteriolar occlusions after multiple intravitreal brolucizumab administrations.** *American journal of ophthalmology case reports*
Jain, A. n., Chea, S. n., Matsumiya, W. n., Halim, M. S., Yaşar, Ç. n., Kuang, G. n., Sepah, Y. J., Khanani, A. M., Do, D. V., Nguyen, Q. D.
2020; 18: 100687
- **Proteomic analysis of intermediate uveitis suggests myeloid cell recruitment and implicates IL-23 as a therapeutic target.** *American journal of ophthalmology case reports*
Sepah, Y. J., Velez, G. n., Tang, P. H., Yang, J. n., Chemudupati, T. n., Li, A. S., Nguyen, Q. D., Bassuk, A. G., Mahajan, V. B.
2020; 18: 100646

- **Retinal arterial occlusive vasculitis following intravitreal brolocuzumab administration.** *American journal of ophthalmology case reports*
Haug, S. J., Hien, D. L., Uludag, G. n., Ngoc, T. T., Lajevardi, S. n., Halim, M. S., Sepah, Y. J., Do, D. V., Khanani, A. M.
2020; 18: 100680
- **Topographic correlation between multifocal electroretinography, microperimetry, and spectral-domain optical coherence tomography of the macula in patients with birdshot chorioretinopathy.** *Journal of ophthalmic inflammation and infection*
Afridi, R., Agarwal, A., Nguyen, N. V., Hassan, M., Sadiq, M. A., Nguyen, Q. D., Sepah, Y. J.
2019; 9 (1): 24
- **Safety of systemic therapy for noninfectious uveitis.** *Expert opinion on drug safety*
Ormaechea, M. S., Hassan, M., Onghanseng, N., Park, J. H., Mahajan, S., Al-Kirwi, K. Y., Uludag, G., Halim, M. S., Schlaen, A., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2019; 18 (12): 1219–35
- **Correlation of Clinical Aqueous Flare Grade to Semi-automated Flare Assessment using Laser Flare Meter**
Anh Ngoc Tram Tran, Halim, M., Hassan, M., Hasanreisoglu, M., Afridi, R., Ormaechea, M., Uludag, G., Nguyen, N. V., Mahajan, S., Bae, J., Al-Kirwi, K., Do, D. V., Ibrahim, M. A., et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Macular sensitivity endpoints in geographic atrophy secondary to age-related macular degeneration - exploratory analysis of two parallel randomized phase 3 trials**
Chang, D., Steffen, V., Gao, S. S., Briggs, J., Rabe, C., Honigberg, L., Sepah, Y., Ferrara, D.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Relationship Between Adult Body Height and Age-Related Macular Degeneration: A Korean Nationwide Population-Based Survey**
Bae, J., Hwang, I., Hassan, M., Halim, M., Ormaechea, M., Uludag, G., Tran, A. N. T., Mahajan, S., Al-Kirwi, K., Afridi, R., Sepah, Y., Do, D. V., Quan Dong Nguyen
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Assessing Scleral Area Vessel Density in Subjects with Anterior Scleritis using Optical Coherence Tomography Angiography**
Mahajan, S., Halim, M., Hassan, M., Ormaechea, M., Uludag, G., Anh Ngoc Tram Tran, Bae, J., Afridi, R., Karkhur, S., Hasanreisoglu, M., Pham, A., Al-Kirwi, K., Do, D. V., et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Evaluating the Short-Term Effects on Semi-automated Aqueous Flare Assessment After Fundus Fluorescein Angiography Imaging**
Nguyen, N. V., Halim, M., Hassan, M., Segawa, A., Ertop, M., Aktas, Z., Ozdek, S., Gurelik, G., Anh Ngoc Tram Tran, Mahajan, S., Afridi, R., Ibrahim, M. A., Sepah, Y., et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Role of Circumferential Full Thickness Scleral Debridement in Fulminant Infective Ring Scleritis**
Karkhur, S., Sen, A., Shenoy, P., Hassan, M., Halim, M., Hasanreisoglu, M., Afridi, R., Sepah, Y., Do, D. V., Quan Dong Nguyen, Gupta, V.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Alendronate induced chorioretinitis: The importance of meticulous assessments.** *American journal of ophthalmology case reports*
Hassan, M., Maleki, A., Ying, Q., Nguyen, N., Halim, M. S., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2019; 14: 21–25
- **Microperimetry for geographic atrophy secondary to age-related macular degeneration** *SURVEY OF OPHTHALMOLOGY*
Csaky, K. G., Patel, P. J., Sepah, Y. J., Birch, D. G., Do, D., Ip, M. S., Guymer, R. H., Luu, C. D., Gune, S., Lin, H., Ferrara, D.
2019; 64 (3): 353–64
- **New therapies in development for the management of non-infectious uveitis: a review.** *Clinical & experimental ophthalmology*
Hassan, M., Karkhur, S., Bae, J., Halim, M. S., Ormaechea, M. S., Nguyen, N. V., Afridi, R., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2019
- **New therapies in development for the management of non-infectious uveitis: A review** *CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY*
Hassan, M., Karkhur, S., Bae, J. H., Halim, M. S., Ormaechea, M. S., Onghanseng, N., Nguyen, N. V., Afridi, R., Sepah, Y. J., Do, D. V., Nguyen, Q. D.
2019; 47 (3): 396–417
- **Microperimetry for Geographic Atrophy Secondary to Age-Related Macular Degeneration.** *Survey of ophthalmology*

- Csaky, K. G., Patel, P. J., Sepah, Y. J., Birch, D. G., Do, D. V., Ip, M. S., Guymer, R. H., Luu, C. D., Gune, S., Lin, H., Ferrara, D.
2019
- **Blue light versus green light fundus autofluorescence in normal subjects and in patients with retinopathy secondary to retinal and uveitic diseases.** *Journal of ophthalmic inflammation and infection*
Bittencourt, M. G., Hassan, M., Halim, M. S., Afridi, R., Nguyen, N. V., Plaza, C., Tran, A. N., Ahmed, M. I., Nguyen, Q. D., Sepah, Y. J.
2019; 9 (1): 1
 - **Blue light versus green light fundus autofluorescence in normal subjects and in patients with retinopathy secondary to retinal and uveitic diseases** *JOURNAL OF OPHTHALMIC INFLAMMATION AND INFECTION*
Bittencourt, M., Hassan, M., Halim, M., Afridi, R., Nguyen, N. V., Plaza, C., Tran, A. N. T., Ahmed, M., Quan Dong Nguyen, Sepah, Y.
2019; 9
 - **Effect of vitreomacular adhesion on the treatment outcomes in the STOP-Uveitis clinical trial for non-infectious uveitis.** *Journal of ophthalmic inflammation and infection*
Hassan, M. n., Nguyen, N. V., Halim, M. S., Afridi, R. n., Sadiq, M. A., Karkhur, S. n., Vigil, E. n., Karabekirogullari, S. n., Nguyen, Q. D., Do, D. V., Sepah, Y. J.
2019; 9 (1): 12
 - **An Approach Towards Automatic Detection of Toxoplasmosis using Fundus Images**
Chakravarthy, A. D., Abeyrathna, D., Subramaniam, M., Chundi, P., Halim, M., Hasanreisoglu, M., Sepah, Y. J., Quan Dong Nguyen, IEEE
IEEE.2019: 710-717
 - **Comparison of montage with conventional stereoscopic seven-field photographs for assessment of ETDRS diabetic retinopathy severity.** *International journal of retina and vitreous*
Nguyen, N. V., Vigil, E. M., Hassan, M. n., Halim, M. S., Baluyot, S. C., Guzman, H. A., Afridi, R. n., Do, D. V., Sepah, Y. J.
2019; 5: 51
 - **Comparison of Retinal Layer Thickness in Eyes with Resolved Diabetic Macular Edema Receiving Ranibizumab with Normal Eyes.** *Ophthalmologica. Journal internationale d'ophtalmologie. International journal of ophthalmology. Zeitschrift fur Augenheilkunde*
Rentiya, Z. S., Kherani, S. n., Usmani, B. n., Qazi, M. A., Sadiq, M. A., Iftikhar, M. n., Nguyen, Q. D., Shah, S. M., Sepah, Y. J.
2019: 1–10
 - **Interleukin-6 inhibition in the management of non-infectious uveitis and beyond.** *Journal of ophthalmic inflammation and infection*
Karkhur, S. n., Hasanreisoglu, M. n., Vigil, E. n., Halim, M. S., Hassan, M. n., Plaza, C. n., Nguyen, N. V., Afridi, R. n., Tran, A. T., Do, D. V., Sepah, Y. J., Nguyen, Q. D.
2019; 9 (1): 17
 - **Primary outcomes of the VID1 study: phase 2, double-masked, randomized, active-controlled study of ASP8232 for diabetic macular edema.** *International journal of retina and vitreous*
Nguyen, Q. D., Sepah, Y. J., Berger, B., Brown, D., Do, D. V., Garcia-Hernandez, A., Patel, S., Rahhal, F. M., Shildkrot, Y., Renfurm, R. W., VID1 Research Group
2019; 5: 28
 - **Intravitreal Sirolimus for the Treatment of Noninfectious Uveitis Evolution through Preclinical and Clinical Studies** *OPHTHALMOLOGY*
Quan Dong Nguyen, Merrill, P. T., Sepah, Y. J., Ibrahim, M. A., Banker, A., Leonardi, A., Chernock, M., Mudumba, S., Do, D. V.
2018; 125 (12): 1984–93
 - **Intravitreal Sirolimus for the Treatment of Noninfectious Uveitis: Evolution through Preclinical and Clinical Studies.** *Ophthalmology*
Nguyen, Q. D., Merrill, P. T., Sepah, Y. J., Ibrahim, M. A., Banker, A., Leonardi, A., Chernock, M., Mudumba, S., Do, D. V.
2018
 - **Effects of Vitreomacular Adhesion on Treatment Outcomes in the Study of Safety and Bioactivity of Tocilizumab in Patients with Non-Infectious UVEITIS: The STOP-UVEITIS Study**
Nguyen, N. V., Hassan, M., Halim, M., Afridi, R., Baluyot, S., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
 - **Short-Term Effects of Ranibizumab on Diabetic Retinopathy Severity and Progression** *OPHTHALMOLOGY RETINA*
Hassan, M., Sadiq, M. A., Halim, M., Afridi, R., Nguyen, N. V., Sepah, Y. J.
2018; 2 (7): 749-751

- **Posterior Segment Inflammatory Outcomes (Month-6) in the STOP-Uveitis Study: Evaluating the Safety, Tolerability, and Efficacy of Tocilizumab in Patients with Non-Infectious Uveitis**
Sadiq, M., Hassan, M., Halim, M., Afridi, R., Do, D. V., Quan Dong Nguyen, Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **Scleral Vessel Density Using Novel Optical Coherence Tomography Angiography Methodology**
Halim, M., Hassan, M., Afridi, R., Nguyen, N. V., Maleki, A., Baluyot, S., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **Can Fundus Photograph Montage Replace the Standard 7-Field Stereo Images for Diabetic Retinopathy Severity Scale Assessments?**
Baluyot, S., Hassan, M., Halim, M., Afridi, R., Nguyen, N. V., Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **Diurnal variation of choriocapillaris vessel flow density in normal subjects measured using optical coherence tomography angiography.** *International journal of retina and vitreous*
Sarwar, S., Hassan, M., Soliman, M. K., Halim, M. S., Sadiq, M. A., Afridi, R., Agarwal, A., Do, D. V., Nguyen, Q. D., Sepah, Y. J.
2018; 4: 37
- **Short-Term Effects of Ranibizumab on Diabetic Retinopathy Severity and Progression.** *Ophthalmology. Retina*
Hassan, M. n., Sadiq, M. A., Halim, M. S., Afridi, R. n., Nguyen, N. V., Sepah, Y. J.
2018; 2 (7): 749–51
- **Primary (Month-6) Outcomes of the STOP-Uveitis Study: Evaluating the Safety, Tolerability, and Efficacy of Tocilizumab in Patients With Noninfectious Uveitis** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Sepah, Y., Sadiq, M., Chu, D. S., Dacey, M., Gallemore, R., Dayani, P., Hanout, M., Hassan, M., Afridi, R., Agarwal, A., Halim, M., Do, D. V., Quan Dong Nguyen
2017; 183: 71–80
- **Effect of Myopia on the Macular Vessel Flow Density in Eyes Using Optical Coherence Tomography Angiography**
Sepah, Y., Hassan, M., Halim, M., Sadiq, M., Afridi, R., Do, D. V., Quan Dong Nguyen
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Correction of Perceived Visual Distortions Using a Software Application and Correlation to Age-Related Macular Degeneration.**
Hassan, M., Chakarvarthy, A., Subramaniam, M., Chundi, P., Jawed, M., Halim, M., Sadiq, M., Afridi, R., Sepah, Y., Quan Dong Nguyen, Do, D. V., Margalit, E.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Effect of Vitreomacular Adhesion on Treatment Outcomes in the Ranibizumab for Edema of the mAcula in Diabetes-3 (READ-3) Study - Month 24 Results**
Sadiq, M., Hassan, M., Afridi, R., Halim, M., Do, D. V., Quan Dong Nguyen, Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Differences in the characteristics of subjects achieving complete or partial resolution of diabetic macular edema in the READ-3 Study**
Halim, M., Afridi, R., Hassan, M., Sadiq, M., Do, D. V., Quan Dong Nguyen, Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Can the levels of inflammatory cytokines in the anterior chamber of eyes with diabetic macular edema predict response to therapy?**
Afridi, R., Halim, M., Sadiq, M., Hassan, M., Agarwal, A., Do, D. V., Quan Dong Nguyen, Sepah, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Assessment of Changes in Quality of Life Among Subjects in the STOP-Uveitis Study**
Greer, L. C., Jawed, M., Caldwell, K., Wilson, R., Halim, M., Hassan, M., Sadiq, M., Afridi, R., Do, D. V., Sepah, Y., Quan Dong Nguyen
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Evaluation of macular and peripapillary vessel flow density in eyes with no known pathology using optical coherence tomography angiography.** *International journal of retina and vitreous*
Hassan, M. n., Sadiq, M. A., Halim, M. S., Afridi, R. n., Soliman, M. K., Sarwar, S. n., Agarwal, A. n., Do, D. V., Nguyen, Q. D., Sepah, Y. J.
2017; 3: 27
- **Effects of Two Different Doses of Ranibizumab on Diabetic Retinopathy Severity.** *Ophthalmology. Retina*
Sadiq, M. A., Hassan, M. n., Soliman, M. K., Afridi, R. n., Do, D. V., Nguyen, Q. D., Sepah, Y. J.

2017; 1 (6): 566–67

● **Corticosteroids as adjuvant therapy for ocular toxoplasmosis** *COCHRANE DATABASE OF SYSTEMATIC REVIEWS*

Jasper, S., Vedula, S. S., John, S. S., Horo, S., Sepah, Y. J., Quan Dong Nguyen

2017: CD007417

● **Effects of Two Different Doses of Ranibizumab on Diabetic Retinopathy Severity** *Ophthalmology Retina*

Sadiq, M. A., Hassan, M., Soliman, M. K., Afridi, R., Do, D. V., Nguyen, Q. D., Sepah, Y. J.

2017; 1 (6): 566-567

● **Aspiration in injections: should we continue or abandon the practice?** *F1000Research*

Sepah, Y., Samad, L., Altaf, A., Halim, M. S., Rajagopalan, N., Javed Khan, A.

2014; 3: 157-?