

Academic Personnel Short Profile / Short CV

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| University: | University of Nicosia |
| Surname: | Prokopiou |
| Name: | Katerina |
| Rank: | Assistant Professor |
| Faculty: | Medical School |
| Department: | Basic and Clinical Sciences |
| Scientific Domain: | Pharmacology |

Academic qualifications

| Qualification | Year | Awarding Institution | Department | Thesis title |
|---|------|---------------------------------|--|--|
| Faculty Professional Development Seminar on Teaching and Learning | 2022 | University of Nicosia | Faculty Training and Development Unit | |
| PhD in Cancer Pharmacology and Drug Development | 2013 | Trinity College Dublin, Ireland | School of Pharmacy and Pharmaceutical Sciences | Preclinical evaluation of dual acting drugs aiming to target tumour vasculature and angiogenesis. |
| MSc in Cancer Pharmacology (Distinction) | 2008 | University of Bradford, UK | Institute of Cancer Therapeutics | Potential of the activity of cisplatin in a human colon tumour xenograft model by auristatin PYE, a structural modification of dolastatin 10. |
| BSc (Hons) in Molecular Medicine | 2007 | University of Sussex, UK | Biomedical Sciences | How the innate immune system recognises microbial pathogens; in particular focusing on the involvement of Toll-like Receptors in sensing Herpes Simplex Virus 2 (HSV-2). |
| Teaching and Supporting Learning Module | 2011 | Trinity College Dublin, Ireland | | |

| Employment history | | | | |
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| Period of employment | | Employer | Location | Position |
| From | To | | | |
| 2016 | Currently | University of Nicosia Medical School | Nicosia, Cyprus | Assistant Professor in Pharmacology |
| 2014 | Currently | Ophthalmos Research and Educational Institute | Nicosia, Cyprus | Research Associate |
| 2013 | Currently | SGUL/ University of Nicosia | Nicosia, Cyprus | Assistant Professor in Pharmacology |

| Key refereed journal papers, monographs, books, conference publications etc. | | | | | | |
|--|------|--|---|------------------------------------|-------------|-------|
| Ref. Number | Year | Title | Other authors | Journal and Publisher / Conference | Vol. | Pages |
| 1 | 2024 | Eicosapentaenoic acid-rich omega-3 fatty acids supplementation may improve vision in dry age-related macular degeneration or Stargardt disease, as shown in MADEOS, a prospective, randomized, multicentre, double-blind, placebo-controlled pilot study | Prokopiou E., Kolovos P., et al. | PharmaNutrition | 29 | - |
| 2 | 2024 | Dupilumab efficacy and safety assessment in the treatment of atopic dermatitis in pediatric patients: A systematic review | Valeria Antoniou, Elena Thomaidou, Ekatherine Prokopiou | Dermatological Reviews | | - |
| 3 | 2023 | Diabetic retinopathy and the role of Omega-3 PUFAs: A narrative review | Maria Georgiou and Ekatherine Prokopiou | Exp Eye Res | 231; 109494 | - |
| 4 | 2023 | Omega-3 Polyunsaturated Fatty Acids and Their Anti-Oxidant, Anti-Inflammatory and Neuroprotective Effects in Diabetic Retinopathy: A Narrative Review | Sarah Fathima, Ekatherine Prokopiou, Tassos Georgiou, | Front. Biosci. (Landmark Ed) | 28(7), 153 | - |
| 5 | 2022 | A prospective, randomized, multicenter, double-blind, placebo-controlled study assessing the | Prokopiou E., Kolovos P., et al. | Poster presentation at ARVO | - | - |

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| | | potential effects of omega-3 fatty acids supplementation on dry age-related macular degeneration and Stargardt disease | | Conference, Denver, Colorado | | |
| 6 | 2022 | Omega-3 Fatty Acids promote neuroprotection, reduced apoptosis and glial cell activation in the retina of a Mouse Model of OPA1-Related Autosomal Dominant Optic Atrophy | Kalogerou M, Ioannou S, Kolovos P, Prokopiou E, et al. | Exp Eye Res | 215 | - |
| 7 | 2022 | Efficacy and safety of dupilumab in adult moderate-to-severe atopic dermatitis: An update narrative literature review | Kreouzi M.,Theodorakis N., Prokopiou E., Thomaidou E. | Our Dermatol Online | 1 | - |
| 8 | 2019 | Omega-3 fatty acids supplementation protects the retina from age-associated degeneration in aged C57BL/6J mice | Prokopiou E., Kolovos P., Georgiou C., Kalogerou M., Potamiti L., Sokratous K., Kyriacou K., Georgiou T. | BMJ Open Ophth | 4(1) | 000326 |
| 9 | 2018 | Omega-3 Fatty Acids Supplementation: Therapeutic Potential in a Mouse Model of Stargardt Disease | Prokopiou E., Kolovos P., Kalogerou M., Neokleous A., Nicolaou O., Sokratous K., Kyriacou K., Georgiou T. | Invest Ophthalmol Vis Sci | 59(7) | 2757-2767 |
| 10 | 2018 | Omega-3 Fatty Acids Supplementation Protects the Retina from Age-associated Degeneration in Aged C57BL/6 mice. | Prokopiou E., Kolovos P., Kalogerou M., Potamiti L., Sokratous K., Kyriacou K., Georgiou T. | Poster presentation – EVER Conference, Nice, France. | - | - |
| 11 | 2017 | Omega-3 Fatty Acids Supplementation: Therapeutic Potential in a Mouse Model of Stargardt Disease | Prokopiou E., Kolovos P., Kalogerou M., Neokleous A., Nicolaou O., Sokratous K., Kyriacou K., Georgiou T. | Oral presentation – EVER Conference, Nice, France. | - | - |
| 12 | 2017 | Therapeutic potential of omega-3 fatty acids supplementation in a mouse model of dry macular degeneration | Prokopiou E., Kolovos P., Kalogerou M., Neokleous A., Papagregoriou G., Deltas C., Malas S., Georgiou T. | BMJ Open Ophth | 1(1) | e000056 |

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| 13 | 2017 | Neuroprotective Effects of Omega-3 Polyunsaturated Fatty Acids in a Rat Model of Anterior Ischemic Optic Neuropathy | Georgiou T., Wen YT., Chang CH., Kolovos P., Kalogerou M., Prokopiou E., Neokleous A., Huang CT., Tsai RK. | Invest Ophthalmol Vis Sci | 58(3) | 1603-11 |
| 14 | 2016 | Omega-3 Fatty acids: <i>Role of Omega-3 Fatty Acids for Eye Health</i> | Georgiou T. and Prokopiou E. | Springer | - | |
| 15 | 2016 | Therapeutic Effects of Omega-3 Supplementation in a Mouse Model of Dry Macular Degeneration | Prokopiou E., Kolovos P., Kalogerou M., Neokleous A., Papagregoriou G., Deltas C., Malas S., Georgiou T. | Poster presentation – EVER Conference, Nice, France. | - | - |
| 16 | 2015 | The New Era of Omega-3 Fatty Acids Supplementation: Therapeutic Effects on Dry Age-Related Macular Degeneration. | Georgiou T. and Prokopiou E. | J Stem Cells | 10(3) | 205-15 |
| 17 | 2015 | Age-Related Macular Degeneration: Prevalence, Risk Factors and Clinical Management, <i>The New Era of Omega-3 Fatty Acids Supplementation: Therapeutic Effects on Dry Age-Related Macular Degeneration.</i> | Georgiou T. and Prokopiou E. | Nova Publishers | - | - |
| 18 | 2013 | Tumour vasculature-targeting agents in hybrid/conjugate drugs. | Prokopiou E., Ryder S., Walsh J. | Angiogenesis | 16(3) | 503-24 |
| 19 | 2011 | Potential of the activity of cisplatin in a human colon tumour xenograft model by auristatin PYE, a structural modification of dolastatin 10. | Prokopiou E., Cooper P., Pettit R., Bibby M., Shnyder S. | Molecular Medicine Reports | 2(3) | 309-313 |

| Research Projects | | | | |
|-------------------|-------|---|------------|--|
| Ref. Number | Date | Title | Funded by | Project Role |
| 1 | 24-25 | A comparison diagnostic study between slit lamp imaging versus smart eye camera imaging in patients with cataracts. | Ophthalmos | Project Manager and Coordinator |
| 2 | 23-24 | The role of the biologic agents in the treatment of dermatological conditions | - | Project supervisor |
| 3 | 2022 | Prospective, randomised, double-blind study to assess the Potential Effects of Omega-3 Fatty Acids Supplementation in Dry Macular Degeneration and Stargardt Disease. | Ophthalmos | Project Manager and Coordinator |
| 4 | 2021 | Potential therapeutic effects of omega-3 fatty acids in the rd12 mouse model of retinitis pigmentosa | Ophthalmos | Project Coordinator and MSc student's project supervisor |
| 5 | 2018 | Omega-3 Fatty Acids Supplementation Protects the Retina from Age-associated Degeneration in Aged C57BL/6 mice. | Ophthalmos | Project Coordinator and Senior Researcher |
| 6 | 2018 | Omega-3 Fatty Acids Supplementation: Therapeutic Potential in a Mouse Model of Stargardt Disease. | Ophthalmos | Project Coordinator and Senior Researcher |
| 7 | 2017 | Therapeutic potential of omega-3 fatty acids supplementation in a mouse model of dry macular degeneration. | Ophthalmos | Project Coordinator and Scientific Researcher |