

AKADEMİK ÖZGEÇMİŞ

1. Adı Soyadı: Ali Murat Elagöz

2. Unvanı: Yrd. Doç. Dr.

3. Öğrenim Durumu: Doktora

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Moleküler Biyoloji ve Genetik	Doğu Akdeniz Üniversitesi	2015-2017
Y. Lisans	International Master of Science in Marine Biological Resources - Main subject Applied Marine Ecology and Conservation	Ghent Üniversitesi	2017-2019
Doktora	PhD in Biology	KU Leuven	2019-2024

4. Yüksek Lisans / Doktora Tezi

4.1.Yüksek Lisans Tez Başlığı ve Tez Danışman(lar)ı:

Identification of transcripts encoding enzymes putatively involved in the synthesis of anti-inflammatory compounds in the diatom *Cylindrotheca closterium* / Dr. Chiara Lauritano

4.2. Doktora Tezi/Tıpta Uzmanlık Tezi Başlığı ve Danışman(lar)ı:

Neurogenesis and neural patterning in the octopus arm / Prof. Dr. Eve Seuntjens

5. Akademik Unvanlar:

Yardımcı doçentlik tarihi: -

Doçentlik tarihi: -

Profesörlük tarihi: -

6. Yönetilen Yüksek Lisans ve Doktora Tezleri:

6.1. Yüksek lisans tezleri:

6.1.1. Daniela Sofia Aparicio Quiñonez. (2020-2021). Understanding Sonic Hedgehog and Notch Signaling at the Molecular and Functional Level in Octopus Embryonic Brain. (TAMAMLANDI)

6.1.2. Dries Janssen (2021-2022). Understanding Wnt/ β -catenin signalling pathway in octopus embryonic brain development at the molecular and functional level. (TAMAMLANDI)

6.1.3. Sofia Maccuro (2021-2022). *Octopus vulgaris*: Understanding oocyte maturation and fertilization, and Notch signaling pathway in embryonic brain development at molecular and functional level. (TAMAMLANDI)

6.1.4. Marie Van Dijck (2022-2023). Spatial and temporal expression patterning of transcription factors involved in octopus neurogenesis. (TAMAMLANDI)

6.1.5. Benjamin Sannen (2022-2023). Unraveling the notch signaling pathway in octopus neurogenesis: from spatial and temporal patterning to small molecule alteration. (TAMAMLANDI)

6.1.6. Elke Van Rooij (2022-2023). Spatiotemporal patterning of canonical Wnt signaling in octopus neurogenesis. (TAMAMLANDI)

6.2. Doktora tezleri: -

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI, AHCI, ESCI, Scopus)

7.1.1. Villanueva, R., Darmaillacq, A. S., Kuba, M. J., Roumbedakis, K., Nabhitabhata, J., Almansa, E., Caamal-Monsreal, C., Dickel, L., Durante, E.D., **Elagoz, A.M.** ... & Voss, G. (2026). Collection, handling and care of cephalopod eggs. *Reviews in Fish Biology and Fisheries*, 36(1), 17.

7.1.2. **Elagoz, A. M.**, Van Dijck, M., Lassnig, M., & Seuntjens, E. (2024). Embryonic development of a centralised brain in coleoid cephalopods. *Neural development*, 19(1), 8.

7.1.3. Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K. I., Poovathingal, S., **Elagoz, A. M.**, ... & Seuntjens, E. (2022). Cell type diversity in a developing octopus brain. *Nature communications*, 13(1), 7392.

7.1.4. **Elagoz, A. M.**, Styfhals, R., Maccuro, S., Masin, L., Moons, L., & Seuntjens, E. (2022). Optimization of whole mount RNA multiplexed in situ hybridization chain reaction with immunohistochemistry, clearing and imaging to visualize octopus embryonic neurogenesis. *Frontiers in Physiology*, 13, 882413.

7.1.5. Deryckere, A., Styfhals, R., **Elagoz, A. M.**, Maes, G. E., & Seuntjens, E. (2021). Identification of neural progenitor cells and their progeny reveals long distance migration in the developing octopus brain. *Elife*, 10, e69161.

7.1.6. Damiano, S., Lauritano, C., Longobardi, C., Andretta, E., **Elagoz, A. M.**, Rapisarda, P., ... & Ciarcia, R. (2020). Effects of a red orange and lemon extract in obese diabetic zucker rats: Role of nicotinamide adenine dinucleotide phosphate oxidase. *Journal of Clinical Medicine*, 9(5), 1600.

7.1.7. **Elagoz, A. M.**, Ambrosino, L., & Lauritano, C. (2020). *De novo* transcriptome of the diatom *Cylindrotheca closterium* identifies genes involved in the metabolism of anti-inflammatory compounds. *Scientific reports*, 10(1), 4138.

7.1.8. Akbora, H. D., Kunter, İ., Erçetin, T., **Elagöz, A. M.**, & Çiçek, B. A. (2020). Determination of tetrodotoxin (TTX) levels in various tissues of the silver cheeked puffer fish (*Lagocephalus sceleratus* (Gmelin, 1789)) in Northern Cyprus Sea (Eastern Mediterranean). *Toxicon*, 175, 1-6.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

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7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

Elagoz, A.M., Van Dyck, M., Van Rooij, E., Seuntjens, E. (2024). Neurogenesis and Neural Cell Fate Determination in the Octopus Arm. EuroEvoDevo 2024, Helsinki, Finland. (Özet Bildiri - P142 Nolu Poster)

Courtney, A., **Elagoz, A.M.**, Lassnig, M., Van Dijck, M., Maccuro, S., Styfhals, R., Lanoizelet, M., Schafer, W., Seuntjens, E. (2024). *Novel ways of fast neurotransmission in the Octopus vulgaris visual system*. EuroEvoDevo 2024, Helsinki, Finland. (Özet Bildiri - C13.4 Nolu Sözlü Sunu)

Van Dijck, M., **Elagoz, A.M.**, Seuntjens, E. (2024). *Spatial and temporal expression patterning of transcription factors involved in octopus neurogenesis*. EuroEvoDevo 2024, Helsinki, Finland. (Özet Bildiri - P153 Nolu Poster)

Elagoz, A.M., Van Dyck, M., Van Rooij, E., Seuntjens, E. (2024). *Neurogenesis and Neural Cell Fate Determination in the Octopus Arm*. CephNeuro 2024, MBL, Woods Hole, MA, USA. (Özet Bildiri - P1-16 Nolu Poster)

Styfhals, R., **Elagoz, A.M.**, Aerts, T., Almansa, E., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E. (2024). *Protocadherin gene diversity and function in Octopus vulgaris*. CephNeuro 2024, Woods Hole, MA, USA. (Özet Bildiri - P2-20 Nolu Poster)

Elagoz, A.M., Deryckere, A., Styfhals, R., Aparicio Quiñonez, D.S., Maccuro, S., Van Dijck, M., Sannen, B., Janssen, D., Lassnig, M., Seuntjens, E. (2023). *A cephalopod molecular approach of evolving the largest invertebrate nervous system*. Unconventional and Emerging Experimental Organisms in Cell and Developmental Biology, Wotton House, UK. (Özet Bildiri - Sözlü Sunu ve P22 Nolu Poster)

Elagoz, A.M., Deryckere, A., Styfhals, R., Aparicio Quiñonez, D.S., Maccuro, S., Van Dijck, M., Sannen, B., Janssen, D., Lassnig, M., Seuntjens, E. (2023) *A cephalopod molecular approach of evolving the largest invertebrate nervous system*. Developmental Biology of Sea Urchins and other Marine Invertebrates. (Özet Bildiri - Sözlü Sunu)

Elagoz, A.M., Deryckere, A.M., Styfhals, R.M., Aparicio, D.M., Janssen, D.M., Maccuro, S.M., Sannen, B.M., Van Dyck, M.M., Seuntjens, E. (2023). *A molecular approach to the evolution of the largest invertebrate nervous system*. Vienna International Symposium ISSCR - Elucidating Principles of Development with Stem Cells, Hofburg, Vienna, Austria. (Özet Bildiri - Sözlü Sunu)

Elagoz, A.M., Aparicio, D., Janssen, D., Maccuro, S., Van Dijck, M., Sannen, B., Styfhals, R., Deryckere, A., Seuntjens, E. (2023) *A molecular approach to the evolution of the largest invertebrate nervous system*. LBI Scientific Meeting 2023, KU Leuven, Leuven, Belgium. (Özet Bildiri - Poster)

Elagoz, A.M., Deryckere, A., Styfhals, R., Aparicio, D.S., Maccuro, S., Van Dijck, M., Sannen, B., Janssen, D., Lassnig, M., Seuntjens, E. (2023) *A molecular approach to the evolution of the largest invertebrate nervous system*. Cell Plasticity Joint Meeting

(BESSCR & RBSCDB), Musée de la Médecine, Campus Erasme, ULB, Brussels, Belgium.
(Özet Bildiri - Poster)

Elagoz, A.M., Aparicio, D.S., Maccuro, S., Van Dijck, M., Sannen, B., Janssen, D., Deryckere, A., Styfhals, R., Seuntjens, E. (2023). Cephalopod approach of evolving a complex brain: Spatio-temporal patterning of evolutionarily conserved signalling pathways and transcription factors important for octopus neurogenesis. Royal Belgian Society for Cell and Developmental Biology Spring Meeting, Brussels, Belgium. (Özet Bildiri - 12 Nolu Poster)

Lassnig, M., Rodriguez Diaz, S.C., **Elagoz, A.M.**, Styfhals, R., Ranga, A., Seuntjens, E. (2023). *Using ocxplants to study the intrinsic properties of the octopus neurogenic zone.* Royal Belgian Society for Cell and Developmental Biology Spring Meeting, Brussels, Belgium. (Özet Bildiri - 18 Nolu Poster)

Styfhals, R., **Elagoz, A.M.**, Aerts, T., Almansa, E., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E. (2023). *The role of protocadherins in the octopus brain.* Royal Belgian Society for Cell and Developmental Biology Spring Meeting, Brussels, Belgium. (Özet Bildiri - 30 Nolu Poster)

Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K., Poovathingal, S., **Elagoz, A.M.**, Deryckere, A., Rajewsky, N., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E. (20–24 June 2022). *Cell type diversity in a developing octopus brain.* Origins of Metazoans Cjm3-2022, Roscoff, France. (Özet Bildiri - Poster)

Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K., Poovathingal, S., **Elagoz, A.M.**, Deryckere, A., Rajewsky, N., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E. (2022). *Cell type diversity in a developing octopus brain.* EuroEvoDevo2022. Napoli, Italy. (Özet Bildiri - Poster)

Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K., Poovathingal, S., **Elagoz, A.M.**, Deryckere, A., Rajewsky, N., Ponte, G., Fiorito, G., Aerts, S., **Seuntjens, E.** (2022). *Cell type diversity in a developing octopus brain.* Benelux Congress of Zoology 2022, KU Leuven, Belgium. (Özet Bildiri - Sözlü Sunu)

Elagoz, A.M., Aparicio, D., Janssen, D., Maccuro, S., Van Dijck, M., Lassnig, M., Styfhals, R., Deryckere, A., Seuntjens, E. (2022). *Cephalopod approach of evolving a complex brain: morphological and molecular characterization during octopus development.* Benelux Congress of Zoology 2022, KU Leuven, Belgium. (Özet Bildiri - Poster)

Lassnig, M., **Elagoz, A.M.**, Styfhals, R., Ranga, A., Seuntjens, E. (2022). *Ocxplants: a novel technique to study octopus neurogenesis ex vivo.* LBI 2022, KU Leuven, Leuven, Belgium. (Özet Bildiri - 37 Nolu Poster)

Maccuro, S., **Elagoz, A.M.**, Aparicio, D., Janssen, D., Lassnig, M., Styfhals, R., Deryckere, A., Seuntjens, E. (2022). *Notch signaling pathway in O. vulgaris' embryonic brain development.* LBI 2022, KU Leuven, Leuven, Belgium. (Özet Bildiri - 41 Nolu Poster)

Elagoz, A.M., Aparicio, D., Janssen, D., Maccuro, S., Van Dijck, M., Lassnig, M., Styfhals, R., Deryckere, A., Seuntjens, E. (2022). *Tracing the onset and deciphering molecular mechanisms driving the neurogenesis in Octopus vulgaris.* LBI 2022, KU Leuven, Leuven, Belgium. (Özet Bildiri - 46 Nolu Poster)

Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K.I., Poovathingal, S., **Elagoz, A.M.**, De Winter, S., Deryckere, A., Rajewsky, N., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E.

(2022). *Cell type diversity in a developing octopus brain*. LBI 2022, KU Leuven, Leuven, Belgium. (Özet Bildiri - 66 Nolu Poster)

Seuntjens, E., Styfhals, R., **Elagoz, A.M.**, Lassnig, M., Zolotarov, G., Almansa, E., Aerts, S. (2022). *Creating a complex brain in Octopus vulgaris*. 19th International Congress of Developmental Biology, Algarve, Portugal. (Özet Bildiri - 344 Nolu Poster)

Elagoz, A.M., Aparicio, D., Janssen, D., Maccuro, S., Van Dijck, M., Lassnig, M., Styfhals, R., Deryckere, A., Seuntjens, E. (2022). Cephalopod approach of evolving a complex brain: morphological and molecular characterization during octopus development. 19th International Congress of Developmental Biology, Algarve, Portugal. (Özet Bildiri - 271 Nolu Poster)

Elagoz, A.M., Aparicio, D., Janssen, D., Maccuro, S., Van Dijck, M., Styfhals, R., Deryckere, A., Seuntjens, E. (2022) Cephalopod approach of evolving a complex brain: morphological and molecular characterization during octopus development. 10th European Conference on Comparative Neurobiology, Prague, Czechia. (Özet Bildiri - Sözlü Sunu)

Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K., Poovathingal, S., **Elagoz, A.M.**, Deryckere, A., Rajewsky, N., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E. (2022) *Cell type diversity in a developing octopus brain*. Cephalopod International Advisory Council, 2022, Sesimbra, Portugal. (Özet Bildiri - Sözlü Sunu)

Elagoz, A.M., Styfhals, R., Sieben, S., Aparicio, D., Deryckere, A., Seuntjens, E. (2022) *Morphological characterization of the developing brain in Octopus vulgaris*. Cephalopod International Advisory Council, 2022, Sesimbra, Portugal. (Özet Bildiri - Sözlü Sunu)

Elagoz, A.M., Deryckere, A., Sieben, S., Styfhals, R., Almansa, E., Seuntjens, E. (2021) *An atlas of the embryonic brain development of Octopus vulgaris*. ISDN 2021: 23rd Biennial Meeting of the International Society for Developmental Neuroscience, Virtual. (Özet Bildiri - P3.7.17 Nolu Poster)

Elagoz, A.M., Styfhals, R., Sieben, S., Aparicio, D., Deryckere, A., Seuntjens, E. (2021). *Morphological characterization of the developing brain in Octopus vulgaris*. LBI 2021, KU Leuven, Leuven, Belgium. (Özet Bildiri - 11 Nolu Poster)

Styfhals, R., Zolotarov, G., Hulselmans, G., Spanier, K., Poovathingal, S., **Elagoz, A.M.**, Deryckere, A., Rajewsky, N., Ponte, G., Fiorito, G., Aerts, S., Seuntjens, E. (2021). *Cell type diversity in a developing octopus brain*. LBI 2021, KU Leuven, Leuven, Belgium. (Özet Bildiri - 42 Nolu Poster)

Elagoz, A.M., Deryckere, A., Sieben, S., Styfhals, R., Almansa, E., Seuntjens, E. (2020). *An Atlas of the Embryonic Brain Development of Octopus vulgaris: Preliminary Data*. CephRes Virtual Event 2020, Virtual. (Özet Bildiri - Poster)

7.4. Yazılan ulusal/uluslararası kitaplar veya kitaplarda bölümler

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7.5. Ulusal hakemli dergilerde yayınlanan makaleler

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8. Sanat ve Tasarım Etkinlikleri

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9. Projeler

9.1 How do sophisticated brains develop? The origin of brain complexity in *Octopus vulgaris*, Research Foundation – Flanders (FWO), KU Leuven, Belçika, 2019-2023, Proje No: 11D4120N. (Proje Lideri - Araştırmacı)

10. İdari Görevler

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11. Bilimsel ve Mesleki Kuruluşlara Üyelikler

Kıbrıs Türk Biyologlar Doğayı Araştırma ve Koruma Derneği (BİO-DER), 2026

12. Ödüller

12. 1. Nörobilim Doktora Sertifikası, KU Leuven Brain Institute, 2024.

12. 2. Yurt Dışı Konferans Katılım Destek Ödülü, Flanders Araştırma Vakfı (FWO), 2024.

12. 3. Yurt Dışı Konferans Katılım Destek Ödülü, Royal Belgian Society For Cell And Developmental Biology, 2023.

12.4. Temel Araştırma Doktora Bursu, Flanders Araştırma Vakfı (FWO), 2019–2023.

12. 5. Fen ve Edebiyat Fakültesi Birincilik Ödülü, Doğu Akdeniz Üniversitesi, 2017.

13. Son İki Yılda Verilen Lisans ve Lisansüstü Dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2025-2026	Bahar	Biyoistatistik, Araştırma ve Yayın Etiği İlkeleri (VTT110)	2	2	104
2025-2026	Yaz	Biyoistatistik, Araştırma ve Yayın Etiği İlkeleri (VTT110)	2	2	2
2026-2027	Güz	Su Ürünleri ve Hastalıkları (VTT303)	1	0	74

2026-2027	Güü	Aquaculture and Diseases (VTE303)	1	0	77
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