

Neşe ÇAKIR 2005 yılında Çorlu Mimar Sinan Lisesi'nden mezun oldu. 2009 yılında Trakya Üniversitesi Kimya Bölümünü bitirdi ve aynı yıl İstanbul Teknik Üniversitesi Fen Bilimleri Enstitüsü Polimer Bilim ve Teknolojisi programında Prof. Dr. Gürkan HIZAL danışmanlığında yüksek lisans çalışmalarına başladı. 2011 yılında yüksek lisans çalışmasını tamamlayıp aynı yıl doktora eğitimine başladı. Halen İstanbul Teknik Üniversitesi Polimer Bilim ve Teknolojisi programında doktora tez çalışmalarına devam etmektedir. Neşe ÇAKIR 2010 yılından itibaren Yalova Üniversitesi Mühendislik Fakültesi Polimer Mühendisliği Bölümü'nde ÖYP Araştırma Görevlisi olarak görev yapmaktadır.

Ulusal ve Uluslararası Kongre ve Sempozyumlarda Sunulmuş Bildiriler:

1. **Cakir. N.**, Dag A., Durmaz H., Hizal G., Tunca U. "Amphiphilic Multiarm Star Block Copolymer via Diels Alder Click Reaction" 8th Hellenic Polymer Society Symposium, 24-29 October 2010 Crete, Greece.
2. **Cakir. N.**, Durmaz H., Dag A., Hizal G., Tunca U. "Synthesis of Amphiphilic Mikroarm Star Block Copolymer via Diels-Alder Click Reaction" 2nd International Symposium on "Controlled/Living Polymerization: From Synthesis to Applications (CLP'11)" 12-16 April 2011 Antalya, Turkey.
3. **Cakir. N.**, Durmaz H., Dag A., Hizal G., Tunca U. "Synthesis of Amphiphilic Multiarm Star Block Copolymer via Diels-Alder Click Reaction" European Polymer Congress EPF 2011, 26 June-1 July, 2011 Granada, Spain.
4. **Cakir. N.**, Durmaz H., Hizal G., Tunca U. "Easy Modification of Multiarm Star Polymers via Thiol-Yne Reaction" 9th International Conference on Advanced Polymers via Macromolecular Engineering, 5-8 September 2011 Cappadocia, Turkey.
5. **Cakir. N.**, Yavuzarslan M., Durmaz H., Hizal G., Tunca U. "Synthesis of Block-Brush Copolymers via ROMP and Sequential Triple Click Reactions" POLYCHAR 20 World Forum on Advanced Materials, 26-30 March, 2012 Dubrovnik, Croatia.
6. Yavuzarslan M., **Cakir. N.**, Durmaz H., Hizal G., Tunca U. "Synthesis of Heterograft Copolymers via Triple Click Reactions" EUPOC 2012 Porous Polymer-Based Systems: From Design To Application, 3-7 June, 2012 Gargnano, Italy.
7. Temelkaya E., **Cakir. N.**, Durmaz H., Hizal G., Tunca U. "Synthesis and Characterization of Telechelic Polytetrahydrofuran" European Polymer Congress EPF 2013, 16-21 June, 2013 Pisa, Italy.
8. Baysak E., **Cakir. N.**, Hizal G., Tunca U. "A Versatile Route for The Synthesis of Functional Polycarbonates Having *o*-Nitrobenzyl and Allyl Groups" IUPAC 2013 44th World Chemistry Congress, 11-16 August, 2013 Istanbul, Turkey.

9. **Cakir. N.**, Hizal G., Tunca U. "Post-Functionalization of Multiarm Star Polymers via Metal-Free "Click" Reaction of Aromatic Fluoro Groups" IUPAC 10th International Conference on Advanced Polymers via Macromolecular Engineering (APME2013), 18-22 August, 2013 Durham, UK.
10. **Cakir. N.**, Esen S. D., Tunca U., Arsu N., Hizal G. "Benzoin Based Multiarm Star Polymer as a Visible Photoinitiator" Green and Sustainable Surface and Materials Chemistry, 23 October, 2013 Stockholm, Sweden.

Neşe ÇAKIR graduated from Çorlu Mimar Sinan High School in 2005. She graduated from Trakya University, Science and Arts Faculty, Chemistry Department in 2009. She completed her MSc under supervisor of Prof. Dr. Gürkan Hizal and degree from Institute of Science and Technology, Polymer Science and Technology Programme of Istanbul Technical University in 2011. Now she is PhD student in Istanbul Technical University, Polymer Science and Technology Programme since 2011. She has been on duty as Research Assistant at Polymer Engineering Department in Yalova University since 2010.

Research Topics:

- Synthesis and Characterization of Different Macromolecular Architectures (brush, multiarm star, miktoarm star, block (co)polymers)
- Controlled/Living Radical Polymerization Techniques (ATRP, NMP)
- Ring Opening Polymerization (ROP)
- Ring Opening Metathesis Polymerization (ROMP)
- Cationic Polymerization
- Click Chemistry (Huisgen Type [3 + 2] Cycloaddition, Diels-Alder [4 + 2] Cycloaddition Thiol-yne click, Thiol-ene click, Thiol-*para* fluoro click reactions)