

CURRICULUM VITAE

1. Personal Information

Name : Serap Teksöz

Date of Birth : 11/05/1958

Place of Birth : Ankara

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2. Education

1999 PhD in Nuclear Sciences, Ege University, Institute of Nuclear Sciences, Izmir, Turkey.

1993 MSc in Nuclear Technology, Ege University, Institute of Nuclear Sciences, Izmir, Turkey.

1982 BSc in Chemistry, Middle East Technical University, Faculty of Art and Science, Department of Chemistry, Ankara, Turkey.

3. Work Experience

2008-..... : Associate professor, Ege University, Institute of Nuclear Sciences, Izmir, Turkey.

2002-2008: Assistant Professor, Ege University, Institute of Nuclear Sciences, Izmir, Turkey.

1982-2002: Chemistry Teacher in Bornova Anatolian High School in Izmir, Turkey.

4. Thesis

Teksoz, S., "Investigation of Production Conditions of UF₄ by Wet Process" MSc Thesis, Izmir, 1993.

Teksoz, S., "Determination of UO₂(II), Th(IV) and Ce(III) Complexes Formed With Halogen and Nitro Derivatives of 8-Hydroxyquinoline" PhD Thesis, Izmir, 1999.

5. Supervisor of Master Thesis (9 Master thesis)

6. Supervisor of Doctorate Thesis (2 PhD thesis)

7. Publications (Last 5 years)

1. Kamile Şenocak, **Serap Teksöz**, Çiğdem İçhedef, Eser Uçar, “Synthesis and Biological Evaluation of Bisphosphonate Compound Labeled with $^{99m}\text{Tc}(\text{CO})_3^+$ ” Chemical Biology and Drug Design, DOI: 10.1111/cbdd.124012014.
2. Eser Uçar, **Serap Teksoz**, Çiğdem İçhedef, Ayfer Yurt Kılçar, Perihan Unak, “Effect of rosemary (*Rosmarinus officinalis*) extract on the biodistribution of ^{99m}Tc sulphur colloid and on the radiolabeled blood constituents” Rev. Bras. Farmacogn., 23(1):182-185 (2013).
3. Buket Gedik, **Serap Teksoz**, Çiğdem İçhedef, Ayfer Yurt Kılçar, E.İlker Medine, Eser Uçar, “Thymidine kinase enzyme selective imaging radiopharmaceutical: $^{99m}\text{Tc}(\text{CO})_3\text{-Ganciclovir}$ ”, Radiochimica Acta. 101:123-128 (2013).
4. Çiğdem Acar İçhedef, **Serap Teksöz**, Kamile Şenocak, Eser Uçar, Ayfer Yurt Kılçar, “Preparation and bioevaluation of ^{99m}Tc -carbonyl complex of guanine”, Radioanal. Nucl. Chem., 289:845–849 (2011).
5. Çiğdem Acar İçhedef, **Serap Teksöz**, Perihan Unak, Kamile Şenocak, E.İlker Medine, Türkan Ertay, Recep Bekis, “Bioevaluation of $^{99m}\text{Tc}(\text{CO})_3\text{-Guanine}$ in vitro and in vivo” J Radioanal. Nucl. Chem., 292:739–743 (2012).
6. Çiğdem Acar İçhedef, **Serap Teksöz**, Perihan Unak , E.İlker Medine, Türkan Ertay , Recep Bekis, “Preparation and Characterization of Radiolabeled Magnetic Nanoparticles as an Imaging Agent” J of Nanoparticle Research, 14:1077-1085 (2012).
7. Tuba Şişmanoğlu, **Serap Teksöz**, Çiğdem Acar İçhedef, Leucine Complexes with Cerium: Stability Constants and Thermodynamic Parameters, J. Chem. Eng. Data, 56, 978-983, 2011.
8. Çiğdem Acar İçhedef, **Serap Teksöz**, Kamile Şenocak , Eser Uçar, Ayfer Yurt Kılçar, Preparation and bioevaluation of ^{99m}Tc -carbonyl complex of guanine, Radioanal. Nucl. Chem., 289:845-849, 2011.
9. **Serap Teksöz**, Çiğdem Acar İçhedef, Seniha Ozyuncu, F.Zümrüt Biber Muftuler, Perihan Ünak, E.İlker Medine, Türkan Ertay, Mine Ş. Eren, ^{99m}Tc -D-Penicillamine-

Glucuronide: Synthesis, Radiolabeling, In Vitro and In Vivo Evaluation, Cancer Biotherapy and Radiopharmaceuticals, 26 (5), 623-630, 2011.

10. **Serap Teksöz**, Çiğdem Acar İçhedef, Perihan Ünak, Complexation Behavior of Guanine with Th^{4+} , UO_2^{2+} , and Ce^{3+} at Various Temperatures, J. Chem. Eng. Data, 55, 2077-2083, 2010.
11. **Serap Teksöz**, Çiğdem Acar, Perihan Ünak, Hydrolytic behavior of Th^{4+} , UO_2^{2+} , and Ce^{3+} Ions at variable temperatures, J. Chem. Eng. Data, 54 (1), 1183-1188, 2009.

8. Projects

1. **Serap Teksöz**, Çiğdem İçhedef, E.İlker Medine, Yasemin Parlak, B.Elvan Sayıt Bilgin,” Formulation of Radiolabeled Paclitaxel Encapsulated Solid Lipid Nanoparticles and Investigation of Radiopharmaceutical Potential” TUBİTAK, 2013-2015.
2. **S. Teksöz**, Ç.Acar, Usage of Penicillamine Labeled with Tc-99m As a Bifunctional Chelating Agent, E.U. Res. Fund.,(2005 NBE 005) 2005- 2006.
3. **S.Teksoz**, P. Unak, Ç. Acar, Determination Stability Constants of Guanine complexes formed with some metals, E.U. Res. Fund.(2004 NBE 001) 2004-.

9. International Congress (Last 5 years)

1. Serap Teksöz ,Çiğdem İçhedef, Eser Uçar, Kadir Arı, Radiolabeled Nanoparticles and Recent Approaches, 4th International Nuclear Chemistry Congress, Abstract Book p.111 Maresias, Sao Paolo, Brasil, 14-19 September 2014.
2. Eser Uçar, Serap Teksöz, Çiğdem İçhedef, Perihan Ünak Nanostructured Lipid Carrier Design For Imaging And Targeted Paclitaxel Delivery, 4th International Nuclear Chemistry Congress, Abstract Book p.62 Maresias, Sao Paolo, Brasil, 14-19 September 2014.
3. Çiğdem İçhedef, Serap Teksöz, Perihan Ünak, Preparation of Magnetic Nanoparticles for Diagnostic Applications, Nanomat2009, International Conference on Nanomaterials and Nanosystems, P-60, p. 152, Istanbul Technical University, 10-13 August 2009
4. Cigdem Acar, Serap Teksoz, Perihan Unak, F.Zumrut Biber Muftuler, E.İlker Medine, The Influence of Stereoisomerism on Biologic Behavior of 99mTc Labeled Penicillamine - 2nd Int.Nucl.Chem.Cong (INCS), Rp 32, Abstract Book p. 147, Cancun Mexico, 13-18 April 2008

10. Certificate

Certificate of Animal Use In Experimental Research, Ege University, 09-20 November 2009.