

**IZBORNOM VEĆU
MEDICINSKOG FAKULTETA
UNIVERZITETA U BEOGRADU**

Komisija za pripremu referata u sastavu:

1. Prof. dr Vladimir Obradović, redovni profesor Medicinskog fakulteta u Beogradu
2. Prof. dr Smiljana Pavlović, redovni profesor Medicinskog fakulteta u Beogradu
3. Prof. dr Zoran Rakočević, redovni profesor Stomatološkog fakulteta u Beogradu

određena na sednici Izbornog veća Medicinskog fakulteta u Beogradu održanoj 02.11.2011. analizirala je prijave na konkurs raspisan u oglasnim novinama »Poslovi« Nacionalne službe za zapošljavanje, objavljenom 02.11.2011. za izbor jednog nastavnika u zvanje docenta, za užu naučnu oblast nuklearna medicina, podnosi sledeći

R E F E R A T

Na raspisani konkurs se javio jedan kandidat: Ass. dr Nebojša Petrović

A. OSNOVNI BIOGRAFSKI PODACI

- Ime, srednje ime i prezime: Nebojša (Siniša) Petrović
- Datum i mesto rođenja: 05.07.1959., Leskovac
- Ustanova u kojoj je zaposlen: Medicinski fakultet Univerziteta u Beogradu, Klinički centar Srbije (KCS)
- Zvanje / radno mesto: asistent, specijalista nuklearne medicine, šef Odseka za onkologiju Centra za nuklearnu medicinu KCS
- Naučna oblast: Nuklearna medicina

B. STRUČNA BIOGRAFIJA, DIPLOME I ZVANJA

Osnovne studije

- Naziv ustanove: Medicinski fakultet Univerziteta u Beogradu
- Mesto i godina završetka: Beograd 1985, prosečna ocena: 8.18

Magisterijum

- Naziv ustanove: Medicinski fakultet Univerziteta u Beogradu
- Mesto, godina završetka i članovi komisije: Beograd, 1999., prof. dr Radivoje Grbić, prof. dr Kosta Kostić, prof. dr Vladimir Obradović
- Naslov magistarskog rada: „Procena vaskularizacije hemangioma jetre određivanjem pula krvi pomoću *in vivo* ^{99m}Tc obeleženih eritrocita“
- Uža naučna oblast: Nuklearna medicina

Doktorat

- Naziv ustanove: Medicinski fakultet Univerziteta u Beogradu
- Mesto, godina završetka i članovi komisije: Beograd, 2011., prof. dr Vladimir Obradović, prof. dr Dragana Šobić-Šaranović, prof. dr Momčilo Đorđević, prof. dr Danica Grujičić i prof. dr Vera Artiko.
- Naslov disertacije: „Procena bioloških karakteristika tumora mozga pomoću tomoscintigrafije ^{99m}Tc-metoksiizobutilizonitriilom“
- Uža naučna oblast: Nuklearna medicina

Specijalizacija

- Naziv ustanove: Medicinski fakultet Univerziteta u Beogradu, KCS
- Mesto, godina završetka i ocena: Beograd, 1994., odličan
- Oblast: Nuklearna medicina

Dosadašnji izbori u nastavna zvanja

- 01.03.2000. izbor u zvanje asistenta na katedri nuklearne medicine
- 27.05.2004. reizbor u zvanje asistenta na katedri nuklearne medicine
- 17.04.2008. reizbor u zvanje asistenta na katedri nuklearne medicine

C. NAUČNI I STRUČNI RAD

1. a) Spisak objavljenih radova

Rad u časopisu indeksiranom u Current Contents-u (CC) ili Science Citation Index-u (SCI)

1. Obradović V, Artiko V, Chebib H, Petrović M, Vlajković M, **Petrović N**. Estimation of the entero-gastric reflux by modified scintigraphic method. *Hepato-Gastroenterology* 2000; 47:738-741.
2. Artiko V, Obradović V, Petrović M, **Petrović N**, Davidović B, Krivokapić D, Kecmanović D, Djukić V, Milosavljević T, Vlajković M. Radioimmuno-detection of colorectal carcinoma. *Hepato-Gastroenterology* 2003; 50:1029-31.
3. Artiko V, Davidović B, Nikolic N, Petrović M, **Petrović N**, Vlajković M, Pesko P, Knezević S, Djukić V, Stefanović B, Tulic C, Popović N, Obradović V. Detection of gastrointestinal and abdominal infections by ^{99m}Tc-ciprofloxacin. *Hepato-Gastroenterology* 2005; 52:491-498.
4. Obradović V, Artiko V, Petrović M, Lausević Z, Stojković M, Sobic-Saranović D, **Petrović N**, Vlajković M, Krivokapić Z. Radioimmunoscintigraphy of colorectal carcinomas with three different radiopharmaceuticals. *Neoplasma* 2006; 53:444-449.
5. **Petrović NS**, Grujić D, Artiko VM, Sobic-Saranović DP, Gajić MM, Jaksic E, Gajić MM, Antonović OJ, Petrović MN, Obradović VB. Investigation of blood perfusion and metabolic activity of brain tumours in adults by using ^{99m}Tc-methoxyisobutylisonitrile. *Nucl Med Commun* 2010; 31:962-73.
6. Jaksic E, Bogdanović R, Artiko V, Saranović DS, Petrasinović Z, Petrović M, Bojic L, Pavlović S, Paripović A, Antonović O, Lezaic VD, Saranović D, **Petrović N**, Obradović V. Diagnostic role of initial renal cortical scintigraphy in children with the first episode of acute pyelonephritis. *Ann Nucl Med* 2011; 25:37-43.
7. Artiko V, Petrović M, Sobić-Saranović D, Antić A, Koljević-Marković A, Krajnović-Jaksić E, Saranović D, **Petrović N**, Stojković M, Durutović D, Zuvela M, Radovanović-Bobić A, Galun D, Petrasinović Z, Pavlović S, Krivokapić Z, Obradović V. Radioimmunoscintigraphy of colorectal carcinomas with ^{99m}Tc-labelled antibodies. *Hepatogastroenterology* 2011; 58:347-51.

Rad u časopisu koji je uključen u bazu podataka MEDLINE

1. Chebib H, Artiko V, **Petrović N**, Petrović M, Peško P, Obradović V. Procena enterogastričnog refluksa modifikovanom scintigrafskom metodom. *Acta Chir Jugosl* 1998; 44/45: 31-35.
2. Artiko V, Obradović V, Kostić K, **Petrović N**, Marković S and Popović O. Cholescintigraphy in Dubin-Johnson syndrome. *Nucl Med Rev Cent East Eur* 1999; 3:29-31.
3. Artiko V, Obradović V, Petrović M, Šaranović Đ, **Petrović N**, Vlajković M. Aortal aneurysm as a cause of ileus - case report. *Nucl Med Rev Cent East Eur* 2001; 4:113-115.
4. Artiko V, Obradović V, **Petrović N**, Davidović B, Adanja G, Nastić D, Milosavljević T. 14-C urea breath test in the detection of helicobacter pylori infection. *Nucl Med Rev Cent East Eur* 2001; 4:101-103.
5. **Petrović N**, Artiko V, Obradović V i Kostić K. Ispitivanje protoka krvi kroz hemangiom jetre radionuklidnom angiografijom. *Acta Chir Jugosl* 2001; 48:25-29.
6. Artiko V, Chebib H, Petrović M, **Petrović N**, Davidović B, Vlajković M, Milićević M, Peško P, Obradović V. Procena enterogastričnog refluksa u odnosu na funkcionalno stanje žučne kese. *Acta Chir Jugosl* 2001; 48:49-53.
7. Artiko V, Chebib H, **Petrović N**, Petrović M, Peško P, Ussov W, Obradović V. The relationship between gallbladder motility and the presence of entero-gastric reflux. *Nucl Med Rev Cent East Eur* 2002; 5:1-4.
8. Obradović V, Artiko V, Radević B, Dapčević B, **Petrović N**. Single injection hepatic radionuclide angiography and hepatobiliary scintigraphy in the evaluation of liver transplant function. *Nucl Med Rev Cent East Eur* 2004; 7:21-25.
9. Obradović V, Artiko V, Stefanović B, Petrović M, **Petrović N**. Simultaneous dynamic study of gastric emptying and changes of serum levels of gut hormones in patients after peptic ulcer surgery. *Nucl Med Rev Cent East Eur* 2006; 9:51-55.
10. Obradović V, Artiko V, Radević B, Dapčević B, **Petrović N**. [Hepatobiliary scintigraphy in evaluation of liver transplant function]. *Acta Chir Jugosl* 2006; 53:23-7. Serbian.

11. Stojković MLj, Durutović DR, Petrović MN, Stojković MV, **Petrović NS**, Antić AA, Obradović VB. Helicobacter pylori infection in various groups of patients studied, estimated by 14C-urea breath test. Acta Chir Jugosl 2011; 58:95-8.

Ceo rad u časopisu koji nije uključen u gore pomenute baze podataka

1. Artiko V, Obradović V, **Petrović N**, Davidović B, Adanja G, Nastić D, Milosavljević T. Primena 14-C-urea izdisajnog testa u otkrivanju prisustva helicobaktera pilori. Medicus 2001; 2:38-40.
2. **Petrović N**, Artiko V, Obradović V, Kostić K. Semikvantitativna procena pula krvi u hemangiomu jetre na poznim sekvencijalnim scintigramima. Medicus 2001; 2:41-43.
3. Obradović V, Artiko V, Davidović B, Nikolić N, **Petrović N**, Vučetić Č. Preliminary results of imaging orthopedic infection with ^{99m}Tc-ciprofloxacin-using newly developed simple labeling kit. World Journal of Nuclear Medicine 2003; 2:269-74.

Izvod u zborniku međunarodnog skupa

1. Artiko V, Petrović M, Stojković M, **Petrović N**, Kostić K and Obradović V. Does formation of the cavernous portal vein after complete thrombosis improve portal liver inflow? Surgery 1996; 9(suppl 2):2.
2. Artiko V, Kostić K, Stojković M, **Petrović N**, Marković D, Obradović V. Liver perfusion after formation of the cavernous vein in a consequence of complete portal thrombosis. The 6th Asia & Oceania Congress of Nuclear Medicine and Biology, Kyoto, Japan, September 1996. Ann Nucl Med 1996; 10(suppl):S155.
3. Artiko V, Kostić K, Stojković M, **Petrović N**, Petrović M, Obradović V. Liver perfusion after formation of the cavernous portal vein in a consequence of complete portal thrombosis. European Congress of Radiology, Vienna, Austria, March 1997. Eur Radiol 1997; 7:S303.
4. Petrović M, Artiko V, Obradović V, Kostić K, **Petrović N**. Gallbladder emptying in functional disorders obtained by infusion cholescintigraphy. 37th World Congress of Surgery, Acapulco, Mexico, August 1997. Abstr. No 067.
5. Artiko V, Obradović V, Davidović B, **Petrović N**, Krivokapić Z, Kecmanović D, Adanja G, Rebić R. ¹¹¹In-labelled antibodies in the detection of colorectal carcinomas. 3rd World Congress of the International Hepato-Pancreato-Biliary Association, Madrid, Spain, May 1998. Abstr. No 1015.
6. Artiko V, Obradović V, Davidović B, **Petrović N**, Krivokapić Z, Kecmanović D. ¹¹¹In-labelled antibodies in the detection of colorectal carcinomas. European Congress of Surgery "Eurosurgery 98", Budapest, Jun 1998. Abstr. 372.
7. Artiko V, Obradović V, Davidović B, **Petrović N**, Petrović M, Krivokapić Z, Kecmanović D, Adanja G, Rebić R. ¹¹¹In-labelled antibodies in the detection of colorectal carcinomas. European Congress of Nuclear Medicine, Berlin, Germany, September 1998. Eur J Nucl Med 1998; 25: PS-102.
8. Obradović V, Chebib H, Artiko V, **Petrović N**, Petrović M. Diagnostic value of detection and quantification of enterogastric reflux by dynamic scintigraphy. European Congress of Nuclear Medicine, Berlin, Germany, September 1998. Eur J Nucl Med 1998; 25:PS-423.
9. Artiko V, Obradović V, Davidović B, **Petrović N**. Detection of colorectal carcinomas using ¹¹¹In labelled antibodies. 11th European Congress of Radiology, Vienna, Austria, March 1999; Eur Radiol 1999; 9:S389.
10. Petrović M, Obradović V, Chebib H, Artiko V, **Petrović N**. Scintigraphic detection and quantitative estimation of enterogastric reflux. 11th European Congress of Radiology, Vienna, Austria, March 1999; Eur Radiol 1999; 9:S397.
11. Artiko V, Chebib H, Obradović V, **Petrović N**, Petrović M. Relationship between gallbladder motility and enterogastric reflux estimated by scintigraphy. Congress of the European Association of Nuclear medicine, Barcelona, Spain, October 1999. Eur J Nucl Med 1999; 26:1094.
12. Obradović V, Artiko V, Chebib C, **Petrović N**, Petrović M. Relationship between enterogastric reflux estimated and the presence of Helicobacter pylori. Congress of the European Association of Nuclear medicine, Barcelona, Spain, October 1999. Eur J Nucl Med 1999; 26:1095.

13. Obradović V, Artiko V, Chebib H, **Petrović N**, Petrović M. Relationship between enterogastric reflux estimated by scintigraphy and the presence of helicobacter pylori. 12th European Congress of Radiology, Vienna, Austria, March 2000. Eur Radiol 2000; 10:311.
14. Artiko V, Chebib H, Obradović V, **Petrović N**, Petrović M. Relationship between gallbladder motility and enterogastric reflux estimated by scintigraphy. 12th European Congress of Radiology, Vienna, Austria, March 2000. Eur Radiol 2000; 10:311.
15. Obradović V, Artiko V, Davidović B, **Petrović N**, Petrović M, Krivokapić D, Kecmanović D, Adanja G, Rebić R. 111-In labelled antibodies in the detection of colorectal carcinomas. 3rd International Yugoslav Nuclear Society Conference, Belgrade, Yugoslavia, October 2000, Book of Abstracts; p:90.
16. Artiko V, Chebib H, Obradović V, **Petrović N**, Petrović M. Diagnostic value of detection and quantification of enterogastric reflux estimated by scintigraphy. 3rd International Yugoslav Nuclear Society Conference, Belgrade, Yugoslavia, October 2000, Book of Abstracts; p:91.
17. **Petrović N**, Artiko V, Obradović V, Kostić K. liver hemangioma. Optimal time for blood pool visualization following 99mTc red blood cell labeling. 3rd International Yugoslav Nuclear Society Conference, Belgrade, Yugoslavia, October 2000, Book of Abstracts; p:92.
18. Artiko V, Obradović V, Davidović B, **Petrović N**, Petrović M, Krivokapić D, Kecmanović D, Adanja G i Rebić R. 111-In labelled antibodies in the detection of colorectal carcinomas. VII International Asia and Oceania Congress of Nuclear medicine and Biology, IV International Congress of Nuclear Oncology, Istanbul, Turkey, October 2000, Turkish Journal of Nuclear Medicine 2000; 9:106.
19. Artiko V, Chebib H, Obradović V, **Petrović N**, Petrović M. Relationship between gallbladder motility and enterogastric reflux estimated by scintigraphy. VII International Asia and Oceania Congress of Nuclear Medicine and Biology, IV International Congress of Nuclear Oncology, Istanbul, Turkey, October 2000, Turkish Journal of Nuclear Medicine 2000; 9:84.
20. Obradović V, Artiko V, Chebib H, **Petrović N**, Petrović M. Relationship between enterogastric reflux estimated by scintigraphy and the presence of helicobacter pylori. VII International Asia and Oceania Congress of Nuclear Medicine and Biology, IV International Congress of Nuclear Oncology, Istanbul, Turkey, October 2000, Turkish Journal of Nuclear Medicine 2000; 9:144.
21. Artiko V, Obradović V, Petrović M, **Petrović N**, Milićević M, Kostić K. Estimation of the gallbladder motility by bolus and infusion cholescintigraphy in response to stimulation. 9th European Gastroenterology Week 2001. Abst. No 3107
22. Petrović M, Matović M, Artiko V, **Petrović N**, Kostić K, Obradović V. Gallbladder motility estimated by cholescintigraphy in response to stimulation. European Congress of Radiology 2001, Vienna, Austria, March 2001. Eur Radiol 2001; 11(2, Suppl 1): C-325.
23. **Petrović N**, Artiko V, Obradović V, Kostić K. The effect of the time of blood pool imaging in the diagnosis of liver hemangioma following in vivo 99mTc red blood cell labelling: optimal acquisition delay. European Congress of Radiology 2001, Vienna, Austria, March 2001. Eur Radiol 2001; 11(2, Suppl 1):C-338.
24. Obradović V, **Petrović N**, Artiko V, Borojević N, Jelić L, Ussov W. Comparison of scintimammography by 99mTc methylene diphosphonate and 99mTc metoxyisobutylisonitrile in detection of breast cancer. European Congress of Radiology 2001, Vienna, Austria, March 2001. Eur Radiol 2001; 11(2, Suppl 1):C-347.
25. Artiko V, **Petrović N**, Obradović V, Kostić K, Perišić-Savić M and Janošević S. The role of hepatic radionuclide angiography in the portal perfusion assessment in cirrhosis and liver tumours. European Nuclear Medicine Congress, Napoli, Italy, August 2001, Eur J Nucl Med 2001; 28:1127.
26. Obradović V, Artiko V, Davidović B, **Petrović N**, Petrović M, Krivokapić D, Kecmanović D, Adanja G, Rebić R. 111-In labelled antibodies in the detection of colorectal carcinomas. European Nuclear Medicine Congress, Napoli, Italy, August 2001, Eur J Nucl Med 2001; 28:1129.
27. Obradović V, Artiko V, Petrović M, Bošnjaković V, **Petrović N**, Davidović B, Adanja G, Nastić D, Milosavljević T. Detection of helicobacter pylori infection using 14-C urea breath test. European Nuclear Medicine Congress, Napoli, Italy, August 2001, Eur J Nucl Med 2001; 28:1188.
28. Artiko V, Obradović V, Petrović M, **Petrović N**, Milićević M, Bošnjaković V, Kostić K. Gallbladder motility after gastric surgery estimated by infusion cholescintigraphy. European Nuclear Medicine Congress, Napoli, Italy, August 2001, Eur J Nucl Med 2001; 28:1032.

29. Artiko V, Obradović V, Petrović M, **Petrović N**, Milićević M, Matović M, Kostić K, Bošnjaković V. Comparative studies of the gallbladder motility by bolus and infusion cholescintigraphy. European Nuclear Medicine Congress, Napoli, Italy, August 2001, Eur J Nucl Med 2001; 28:1085.
30. Artiko V, Obradović V, Chebib H, **Petrović N**, Petrović M, Ussov W. Relationship between enterogastric reflux estimated by scintigraphy and the presence of helicobacter pylori. European Congress of Radiology 2002, Vienna, Austria, March 2002. Eur Radiol 2002; 12(Suppl 1): B-247.
31. Obradović Artiko V V, Chebib H, **Petrović N**, Petrović M. Relationship between gallbladder motility and enterogastric reflux estimated by scintigraphy. European Congress of Radiology 2002, Vienna, Austria, March 2002. Eur Radiol 2002; 12(Suppl 1): P-74
32. Artiko V, Obradović V, Perišić M, **Petrović N**, Davidović B, Vlajković M, Kostić K. Accessory spleen detection by ultrasonography and planar scintigraphy. European Congress of Radiology 2002, Vienna, Austria, March 2002. Eur Radiol 2001; 12(Suppl 1):C-344.
33. Petrović M, Obradović V, Artiko V, Matović M, **Petrović N**, Kostić K. Analysis of the gallbladder motility parameters assessed by two cholescintigraphic methods. European Congress of Radiology 2002, Vienna, Austria, March 2002. Eur Radiol 2002; 12(Suppl 1):C-342.
34. Obradović V, Artiko V, Radević B, Jesić R, Dapčević B, **Petrović N**. Single-injection hepatic radionuclide angiography and hepato-biliary scintigraphy in the evaluation of liver transplant function. European Congress of Radiology 2002, Vienna, Austria, March 2002. Eur Radiol 2002; 12(Suppl 1): C-351.
35. Obradović V, A.Afgan, Stefanović B, Artiko V, **Petrović N**, Davidović B. Dynamic scintigraphy of the gastric emptying in the patients after peptic ulcer surgery. European Congress of Radiology 2002, Vienna, Austria, March 2002. Eur Radiol 2002; 12(Suppl 1):C-358.
36. Artiko V, Obradović V, Davidović B, **Petrović N**, Petrović M, Krivokapić D, Kecmanović D, Adanja G, Rebić R. 111-In labelled antibodies in the detection of colorectal carcinomas. International Congress of Nuclear Oncology, Kusadasi, Turkey, May 2002, Turkish Journal of Nuclear Medicine 2002; 11:56.
37. Artiko V, Obradović V, **Petrović N**, Perišić M, Kostić K. Assessment of the liver vascularisation in the patients with liver tumors. International Congress of Nuclear Oncology, Kusadasi, Turkey, May 2002, Turkish Journal of Nuclear Medicine 2002; 11:56.
38. Obradović V, Artiko V, Chebib H, **Petrović N**, Petrović M. Relationship between enterogastric reflux estimated by scintigraphy and the presence of helicobacter pylori. 8th Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, September 2002. World J Nucl Med 2002; 1:S51, Abs. 105.
39. Petrović M, Obradović V, Artiko V, **Petrović N**, Milićević M, Kostić K. Gallbladder motility assessment in the patients after gastric surgery by infusion cholescintigraphy. 8th Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, September 2002. World J Nucl Med 2002; 1:S51, Abs. 106.
40. Artiko V, Petrović M, Obradović V, **Petrović N**, Chebib H, Ussov W. Detection and quantitative estimation of enterogastric reflux by scintigraphy. 8th Congress of the World Federation of Nuclear Medicine & Biology, Santiago, Chile, September 2002. World J Nucl Med 2002; 1:S46, Abs. 95.
41. Artiko V, Petrović M, **Petrović N**, Perišić M, S.Janošević, Obradović V, Kostić K. The estimation of the relative liver perfusion in metastases of bronchus and lung carcinoma by hepatic radionuclide angiography. 12th European Respiratory Society Annual Congress, Stockholm, Sweden, October 2002. Eur Resp Journal 2002; 20(Suppl 38):265s.
42. Davidović B, Artiko V, **Petrović N**, Nikolić N, Vučetić Č, Petrović M, Obradović V. Diagnosis of infectious lesions with ^{99m}Tc-4-fluorohinolon. Nuclear Medicine Review 2002; selected abstracts from Yugoslav Nuclear Medicine Congress; No 10.
43. Artiko V, Obradović V, **Petrović N**, Dapčević B, Radević B, Bošnjaković V. Evaluation of liver transplant function by single-injection hepatic radionuclide angiography and hepatobiliary scintigraphy. European Congress of Nuclear Medicine, Amsterdam, Netherlands, August 2003. Eur J Nucl Med Mol Imaging 2003; 30:604.
44. Artiko V, Obradović V, **Petrović N**, Davidović B, Petrović M, Nikolić N, Đokić D, Janković D, Bošnjaković. ^{99m}Tc-ciprofloxacin in the detection of abdominal and gastrointestinal

- infection. European Congress of Nuclear Medicine, Amsterdam, Netherlands, August 2003. Eur J Nucl Med Mol Imaging 2003; 30:614
45. Obradović V, Artiko V, **Petrović N**, Stefanović B, Peško P, Bošnjaković V. Relationship of gastric emptying and serum levels of selected gut hormones after peptic ulcer surgery. European Congress of Nuclear Medicine, Amsterdam, Netherlands, August 2003. Eur J Nucl Med Mol Imaging 2003; 30:661
 46. Obradović V, Artiko V, **Petrović N**, Davidović B, Vučetić Č, Nikolić N, Đokić D, Janković D. Detection of orthopedic infections using 99mTc-ciprofloxacin prepared by new developed procedure. European Congress of Nuclear Medicine, Amsterdam, Netherlands, August 2003. Eur J Nucl Med Mol Imaging 2003; 30:385
 47. Medvedeva AA, Scopinaro F, Srbovan D, Obradovic V, Slonimaskaya E, **Petrovic N**, Velichko S and Ussov W. Scintigraphic imaging of breast cancer with 99mTc-HMPAO. 31st Annual Meeting of the British Nuclear Medicine Society, Manchester, UK, April 2003. Nucl Med Commun 2003; 24:452.
 48. Artiko V, Obradović V, Davidović B, **Petrović N**, Petrović M, Nikolić N. Radiolabeled antibiotic in the detection of abdominal infections. 6th International Congress of Nuclear Medicine and Oncology, Cesme, Turkey, May, 2004, Turkish Journal of Nuclear medicine 2004; 11: No 13.
 49. Obradović V, Artiko V, Davidović B, **Petrović N**, Petrović M, Nikolić N. Radiolabeled antibiotic with the newly developed procedure in the detection of orthopedic infections. 6th International Congress of Nuclear Medicine and Oncology, Cesme, Turkey, May 2004. Turkish Journal of Nuclear Medicine suppl, No 14.
 50. Artiko V, Obradović V, **Petrović N**, Petrović M, Krivokapić D, Kecmanović D, Šobić D. The role of immunoscintigraphy in the detection of colorectal carcinomas. ISNO 2004. World J Nucl Med 2004; 1: No 119.
 51. Artiko V, Obradović V, **Petrović N**, Petrović M, Krivokapić D, Kecmanović D, Šobić D. Detection of nasopharyngeal carcinomas by thallium-201 and technetium-99m sestamibi SPECT. ISNO 2004. World J Nucl Med 2004; 1: No 121
 52. Artiko V, Obradovic V, Chebib H, **Petrovic N**, Petrovic M, Vlajkovic M, Pesko P. Relationship between the presence of enterogastric reflux estimated by hepatobiliary scintigraphy and helicobacter pylori infection. European Association of Nuclear Medicine Congress, Helsinki, Finland, September 2004. Eur J Nucl Med Mol Imaging 2004; 31:S424.
 53. Artiko V, Obradovic V, **Petrovic N**, Davidovic B, Vlajkovic M, Petrovic M, Adanja G. Breath test (14C-urea) in the detection of helicobacter pylori infection. European Association of Nuclear Medicine Congress, Helsinki, Finland, September 2004. Eur J Nucl Med Mol Imaging 2004; 31:S216.
 54. Obradovic V, Pender I, Šobić Šaranović D, Kozarević N, Pavlović S, Artiko V, **Petrovic N**, V. Đukić. Thallium-201 and technetium-99m sestamibi SPECT in the detection of nasopharyngeal carcinomas and the estimation of the response to therapy. European Association of Nuclear Medicine Congress, Helsinki, Finland, September 2004. Eur J Nucl Med Mol Imaging 2004; 31:S342.
 55. Obradovic V, Artiko V, Chebib H, **Petrovic N**, Petrovic M. Relationship between gallbladder motility and the presence of enterogastric reflux estimated by hepatobiliary scintigraphy. European Association of Nuclear Medicine Congress, Helsinki, Finland, September 2004. Eur J Nucl Med Mol Imaging 2004; 31:S424.

Izvod u zborniku nacionalnog skupa

1. Chebib H, Artiko V, Davidović B, **Petrović N**, Stojković M, Kostić K, Obradović V. Otkrivanje i kvantitativna procena enterogastričnog refluksa scintigrafskom metodom. 29. jugoslovenski sastanak nuklearne medicine, Tara, Jugoslavija, septembar 1997. Zbornik sažetaka, p:49.
2. **Petrović N**, Artiko V, Davidović B, Chebib H, Obradović B. Scintigrafsko otkrivanje mesta gastrointestinalnog krvarenja pomoću obeleženih eritrocita. 29. jugoslovenski sastanak nuklearne medicine, Tara, Jugoslavija, septembar 1997. Zbornik sažetaka, p:55.
3. Artiko V, Davidović B, **Petrović N**, Adanja G, Rebić R, Krivokapić Z, Kecmanović D, Chebib H, Obradović V. Imunoscintigrafija kolorektalnih karcinoma pomoću 111In

- obeležanih antitela (B72.3) 29. jugoslovenski sastanak nuklearne medicine, Tara, Jugoslavija, septembar 1997. Zbornik sažetaka, p:56.
4. Artiko V, Chebib H, **Petrović N**, Petrović M, Peško P, Uglješić M, Obradović V. Procena enterogastričnog refluksa modifikovanom scintigrafskom metodom. VII kongres nuklearne medicine Jugoslavije, Soko Banja, Jugoslavija, septembar 1998. Zbornik radova, p:60.
 5. **Petrović N**, Artiko V, Obradović V, Kostić K. Semikvantitativna procena pula krvi u hemnagiomu jetre na poznim sekvencijalnim scintigramima. VIII jugoslovenski sastanak nuklearne medicine sa međunarodnim učešćem, Kragujevac, Jugoslavija, septembar 2000. Medicus 2000; 1:27.
 6. Artiko V, Obradović V, **Petrović N**, Davidović B, Adanja-Grujić G, Nastić-Mirić D, Milosavljević T. Primena 14 C izdisajnog testa u otkrivanju prisustva helicobaktera pilori. VIII jugoslovenski sastanak nuklearne medicine sa međunarodnim učešćem, Kragujevac, Jugoslavija, septembar 2000. Medicus 2000; 1:27.
 7. **Petrović N**, Artiko V, Davidović B, Borojević N, Jelić-Radošević Lj, Ussov W, Obradović V. Scintimamografija 99mTc metoksi-izobutilizonitriolom u dijagnozi karcinoma dojke: prvi rezultati. VIII jugoslovenski sastanak nuklearne medicine sa međunarodnim učešćem, Kragujevac, Jugoslavija, septembar 2000. Medicus 2000; 1:27.
 8. **Petrović N**, Artiko V, Davidović B, Obradović V. Scintigrafija skeleta u Pagetovoj bolesti. 31. jugoslovenski sastanak nuklearne medicine sa međunarodnim učešćem, Novi Sad, Jugoslavija, oktobar 2001. Zbornik sažetaka, No 41.
 9. Davidović B, Artiko V, **Petrović N**, Nikolić N, Vučetić Č, Petrović M, Obradović V. Dijagnoza infektivnih lezija 99mTc-4-fluorohinolonom. Kongres nuklearne medicine sa međunarodnim učešćem, Pirot, septembar 2002, Zbornik radova, p:89
 10. Artiko V, **Petrović N**, Davidović B, Adanja G-Grujić, Jovanović I, Milosavljević T, Obradović V. Utvrđivanje prisustva helicobakter pilori infekcije primenom izdisajnog testa 14-C-urea. Kongres nuklearne medicine sa međunarodnim učešćem, Pirot 2002, septembar, Zbornik radova, p:72
 11. Artiko V, Obradović V, **Petrović N**, Radević B. Evaluation of liver transplant function by nuclear medicine methods. Congress of Nuclear Medicine – Serbia & Montenegro, Vrnjačka Banja, September 2003, Proceeding Book; p:86
 12. Obradović V, Artiko V, Davidović B, Vučetić Č, **Petrović N**, Nikolić N, Janković D, Đokić D. The value of scintigraphy by radiolabeled ciprofloxacin in the detection of orthopedic infections. Congress of Nuclear Medicine – Serbia & Montenegro, Vrnjačka Banja, September 2003, Proceeding Book; p:113
 13. Artiko V, Obradović V, **Petrović N**, Davidović B, Petrović M, Nikolić N, Đokić D, Janković D. Detection of abdominal and gastrointestinal infection by 99mTc-ciprofloxacin. Congress of Nuclear Medicine – Serbia & Montenegro, Vrnjačka Banja, September 2003, Proceeding Book; p:114

Udžbenici, praktikumi

1. Petrović N. Nuklearno medicinske metode u dijagnostici tumora dojke. U: Han R, Obradović V, Pavlović S. Nuklearna medicina, udžbenik za studente medicine. Medicinski fakultet Univerziteta u Beogradu, Beograd 2009; p:65-68.

b) Rukovođenje ili učešće na projektima; saradnja sa drugim naučnim institucijama; međunarodna saradnja

Učešće u projektima

1. Domaći razvojni projekat: »Razvoj metoda nuklearne medicine za dijagnostiku i terapiju ekspanzivnih i inflamatornih procesa i hemodinamsko-funkcionih poremećaja« (M1912), 2002. – 2004., rukovodilac prof. dr Vladimir Obradović
2. Domaći fundamentalni projekat: »Istraživanje i razvoj radiofarmaceutskih i drugih agenasa za primenu u medicini« (br. 1980), 2002. – 2004., rukovodilac VNS dr Divna Đokić
3. Nacionalni projekat tehničke saradnje Međunarodne agencije za atomsku energiju (International Atomic Energy Agency, IAEA) i Ministarstva za nauku, tehnologije i razvoj Republike Srbije: »Improvement of capabilities of nuclear medicine in diagnostics and

therapy of malignant diseases in Serbia & Montenegro», 2005. – 2008., counterpart prof. dr Vladimir Obradović

4. Domaći razvojni projekat: 145033 »Funkciono-morfološka i hemodinamska ispitivanja različitih oboljenja i poremećaja metodama nuklearne medicine«, 2006. – 2010., rukovodilac prof. dr Vladimir Obradović

5. Nacionalni projekat tehničke saradnje Međunarodne agencije za atomsku energiju (International Atomic Energy Agency, IAEA) i Ministarstva za nauku, tehnologije i razvoj Republike Srbije: „Strengthening Positron Emission Tomography Applications“, 2009. – 2010., counterpart prof. dr Vladimir Obradović, zamenik dr Nebojša Petrović

Međunarodna saradnja

1. Saradnja sa Međunarodnom agencijom za atomsku energiju (IAEA)

- Radionica scintimamografije, detekcije sentinel limfnog nodusa i primene intraoperativne hirurške sonde u dijagnostici i lečenju karcinoma dojke, Šćećin, Poljska, 22-26. april 2002.
- Kurs interventne nuklearne medicine, Beč, Austrija, 29. avgust – 4. septembar 2002.
- Kurs kliničke primene PET/CT, Riga, Letonija, 26-30. septembar 2005.
- Fellowship o primeni PET/CT u onkologiji, Istituto Tumori, Milano, Italija, 1. septembar 2007. – 1. februar 2008.
- Kurs za rukovodioce nacionalnih projekata tehničke saradnje, Beč, Austrija, 28.- 29. februar 2008.
- Naučna poseta Imidžing centru Imperial koledža u Londonu, Velika Britanija, 26. septembar – 8. oktobar 2010.

2. Saradnja sa Evropskim udruženjem za nuklearnu medicinu (EANM)

- Kurs neuroimidžinga, Beč, Austrija, 3-4. decembar 2005.
- Kurs PET/CT i terapijske nuklearne medicine, Beograd, Srbija 23.-24.septembar 2011.

D. OCENA O REZULTATIMA NAUČNOG I ISTRAŽIVAČKOG RADA

Dr Nebojša Petrović se bavi nuklearnom medicinom pune dve decenije. Tokom svog naučnog i stručnog rada ispoljio je interesovanje za različite oblasti dijagnostičke i terapijske nuklearne medicine i dao značajan naučni i stručni doprinos, posebno u oblasti primene nuklearno-medicinskih metoda u opštoj onkologiji, neuroonkologiji i gastroenterohepatologiji. Posebnu doslednost u naučnoistraživačkom radu pokazuju radovi iz oblasti scintigrafske diferencijacije fokalnih oboljenja jetre, ispitivanja poremećaja motiliteta proksimalnih segmenata digestivnog trakta, infekcije Helikobakterom pilori i imunoscintigrafske dijagnostike kolorektalnog karcinoma.

Dao je zapažen doprinos uvođenju u kliničku primenu i/ili optimizaciji niza nuklearnomedicinskih procedura uključujući, scintigrafiju pula krvi u jetri, izdisajni test na Helikobakter pilori, dinamsku scintigrafiju pljuvačnih žlezda, scintigrafsko ispitivanje tumora mozga i primenu PET/CT u onkologiji. Nebojša Petrović je učestvovao u uvođenju u rutinsku primenu izdisajnog testa na infekciju digestivnog trakta Helikobakterom pilori pomoću ^{14}C -uree i u saradnji sa stručnjacima Instituta za nuklearne nauke u Vinči doprineo razvoju komercijalnog dijagnostičkog kompleta. Značajno je doprineo uvođenju i unapređenju PET/CT dijagnostike u Klinički centar Srbije, posebno kroz aktivno angažovanje u nacionalnom projektu tehničke saradnje sa Međunarodnom agencijom za atomsku energiju. Naučni i stručni doprinos dr Nebojše Petrovića se ogleda u istraživanju, razvoju i visoko stručnoj kliničkoj primeni neinvazivne funkcione karakterizacije patoloških promena metodama nuklearne medicine, uključujući najnoviju dijagnostičku tehniku - PET/CT. Učestvo je u kreiranju kliničkih algoritama Kliničkog centra Srbije.

U uspešno odbranjenoj doktorskoj disertaciji izneo je rezultate kompleksnog ispitivanja biokinetike $^{99\text{m}}\text{Tc}$ -metoksiizobutilizonitrila u tumorima mozga. Originalnim pristupom i znalačkim korišćenjem potencijala scintigrafske metodologije u funkcionalnoj karakterizaciji tkiva obogatio je poznavanje biologije najvažnijih vrsta tumora mozga i dao preporuke za unapređenje njihove scintigrafske dijagnostike.

Dr Nebojša Petrović je autor ili koautor ukupno 89 naučnih radova, od kojih je 21 objavljen u celini u međunarodnim i domaćim naučnim publikacijama, a 67 u vidu sažetaka u zbornicima sa međunarodnih (54) i domaćih (13) naučnih skupova. Autor je poglavlja u udžbeniku nuklearne medicine izdatom od strane Katedre nuklearne medicine. Prvi autor je u ukupno 9 radova, od kojih je po jedan objavljen u celini u časopisima indeksiranim u bazama Current Contents i MEDLINE i jedan u časopisu koji nije indeksiran u ovim bazama, a ostalih 6 je štampano u izvodu u zbornicima međunarodnih i domaćih skupova. Drugi ili treći autor je u ukupno 23 rada od čega su 3 objavljena u celini u časopisima indeksiranim u bazi MEDLINE i jedan u časopisu van CC ili MEDLINE, a preostalih 19 u izvodu. Od poslednjeg reizbora u zvanje asistenta objavio je tri rada u celini, od kojih po jedan u časopisima indeksiranim u CC (prvi autor), odnosno MEDLINE (koautor) i poglavlje u udžbeniku (jedinu autor).

Sklonost istraživačkom radu, unapređenju struke i saradnji sa drugim stručnjacima iz oblasti nuklearne medicine, različitih kliničkih disciplinama i nemedicinskih disciplina iskazao je kroz učešće u domaćim i međunarodnim naučnim i tehničkim projektima. Aktivno učestvuje u radu Udruženja za nuklearnu medicinu Srbije, a obavljao je i funkciju njegovog sekretara.

E. OCENA O REZULTATIMA PEDAGOŠKOG RADA

a) Redovna nastava:

Dr Nebojša Petrović vodi praktičnu nastavu studentima III godine Medicinskog fakulteta (46 časova po semestru), izbornu nastavu iz nuklearne medicine (2 časa), obavlja kolokvijume iz nuklearne medicine i učestvuje u izvođenju završnog testa iz predmeta Radiologija i nuklearna medicina.

b) Poslediplomska nastava

- Predavač je na poslediplomskoj nastavi za lekare na specijalizaciji iz nuklearne Medicine (2 časa).
- Izvodi praktičnu nastavu lekarima na specijalizaciji iz interne medicine, radiologije i kliničke biohemije.

Dr Petrović od studenata redovno dobija najbolje ocene za kvalitet praktične nastave. U toku je izrada dva studentska rada u kojima je dr Petrović mentor.

F. OCENA O ANGAŽOVANJU U RAZVOJU NASTAVE I DRUGIH DELATNOSTI VISOKOŠKOLSKJE USTANOVE

Dr Nebojša Petrović daje vredan doprinos unapređenju nastave nuklearne medicine savremenim pristupom u kreiranju prezentacija za potrebe teoretske i praktične nastave, koje obogaćuje svojim dobrim poznavanjem uloge nuklearnomedicinskih metoda u različitim kliničkim oblastima. Aktuelni je sekretar Katedre za nuklearnu medicinu.

ZAKLJUČNO MIŠLJENJE I PREDLOG KOMISIJE

Na raspisani konkurs za izbor jednog docenta za užu naučnu oblast Nuklearna medicina prijavio se jedan kandidat, dosadašnji asistent dr Nebojša Petrović.

Na osnovu iznesenih kvalifikacija i naučnih i stručnih rezultata kandidata, Komisija jednoglasno predlaže Izbornom veću Medicinskog fakulteta da utvrdi predlog, a Univerzitetu u Beogradu da donese odluku o izboru dr Nebojše Petrovića u zvanje docenta za užu naučnu oblast Nuklearna medicina.

Mesto i datum: Beograd, 06.12.2011.

POTPISI ČLANOVA KOMISIJE

1. Prof. dr Vladimir Obradović, redovni profesor
Medicinskog fakulteta u Beogradu

2. Prof. dr Smiljana Pavlović, redovni profesor
Medicinskog fakulteta u Beogradu

3. Prof. dr Zoran Rakočević, redovni profesor
Stomatološkog fakulteta u Beogradu