

CURRICULUM VITAE

Name: Yuri Penkov Nyagolov (Nyagolov, Y.P.)

Date of birth: June, 9th, 1956

Place of birth: Dobritch, Bulgaria

Citizenship: Bulgarian

Nationality: Bulgarian

Education:

- English Language School, Varna, 1975
- Higher Medical Institute, Varna, graduated first in the course, 1982
- Three years postgraduate specialisation course in physiology, 1986-1989
- PhD Thesis - 2008

Present appointment: Associated professor at the Department of Physiology, Medical University, Sofia

Previous professional appointments:

- Medical doctor (practitioner), District Hospital Shoumen, Division of Obstetrics and Gynaecology, 1982-1985
- Assistant professor, Department of Physiology, Higher Medical Institute, Varna, 1985-1989
- Chief assistant professor in charge of the educational process, Department of Physiology, Medical University, Sofia, 2000-2011

Foreign languages: English, German, Russian

Membership of scientific and professional societies:

- Union of the Scientists in Bulgaria, 1985
- Bulgarian Medical Doctors' Union, 1990
- International Medical Association - Bulgaria, Varna, 1991
- European Haematological Association, Brussels, Membership Directory: 1995, 1996, 1997
- Bulgarian Society of Physiological Sciences, 1985. Member of the managing board and Treasurer 2011-2016, Vicepresident since 2-16.

Teaching experience:

- Lectures, seminars and practical exercises in physiology for medicine, dental medicine, pharmacy students in Medical University, Sofia and Medical University, Varna, Bulgaria.
- English language lecture courses in physiology for medicine, dental medicine and pharmacy students in Medical University, Sofia and Medical University, Pleven, Casa College. Cypress, Novedrate University, Chiasso, Italy/Switzerland.
- Physiology courses for nurses (bachelor's degree) - Medical University, Sofia and Medical University, Varna, Bulgaria.
- Physiology and anatomy courses for medical engineering students, Varna Technical University.

Signature:

Assoc. Prof. (Nyagolov, Y., MD, PhD)

List of publications of assoc. prof. Y. Nyagolov, MD, PhD:

1. Negrev N, Nyagolov Y, Stanchewa E. Somatotropin and somatostatin effects on vitamin K-dependent plasma coagulation factors. *Eur J Pharmacol.* 1995; 24:277(2-3):145-9.
2. Negrev N, Nyagolov N. Somatotropin and somatostatin involvement in regulation of hemocoagulation in rats. Effects on XII, XI, VIII:C, V and I plasma clotting factors. *Comt Rev L'Acad Bulg Sci.* 2007; 60 (1): 93-95.
3. Negrev N, Nyagolov Y, Stanchewa E. Experimental data for influence of growth hormone and somatostatin on plasma fibrinolytic activity in rats. *Scripta Sci Med.* 2007; 39: 35-38.
4. Nyagolov Y. Growth hormone, somatostatin and prolactin in regulation of anticoagulation system in rats: effect on antithrombin III and heparin. *Medicina i Farmacia, Journal in Bulgarian,* 2008; (1-2): 18-20.
5. Nyagolov Y, Negrev N. Prolactin and plasma clotting factor II, VII and X levels in rats. *Medicina i Farmacia, Journal in Bulgarian,* 2008; (1-2): 16-18.
6. Nyagolov Y. Prolactin Effect on plasma clotting factors of the intrinsic pathway (VIII, IX, XI, XII) in rats. *Scientific Research.* 2008; 1: 43-45.
7. Logofetov A, Todorov V, Yotova P, Zlatarska S, Nyagolov Y. Single dose recombinant human erythropoietin reduces transforming growth factor beta in patients on chronic haemodialysis. *Archives of Physiology and Biochemistry.* 1998;106: 265-268. (IF=0.186).
8. Doncheva N.I., G.P.Antov, E.B. Softova, Y.P. Nyagolov. Experimental and clinical study on the hypolipidemic and antisclerotic effect of *Lactobacillus Bulgaricus* strain GB N1. *Nutrition Research,* 2002;48: 26-31.

9. Stantsceva, E., Nikolova, P., Kavaldjieva, B., Diankov, E., Gantshev, T., Saharieva, R., Niagolov, J., Nikolova, P. Influence of aluminium on erythropoiesis (an experimental study) *Gematologiya i Transfusiologiya*. 2003; 48 (3): 36-38.
10. Doncheva N, Penkov A, Velcheva A, Boev M, Popov B, Niagolov Y. Study of homocysteine concentration in coronary heart disease patients and comparison of two determination methods. *Ann Nutrition Metabolism*. 2007; 51:82-87.
11. Negrin Negrav, Yuri Nyagolov, Margarita Ivanova, Radko Radev. Effects of Hormones of the Hypothalamic-Pituitary-Thyroid Axis on Activities and Concentrations of Plasma Clotting Factor VIII and von Willebrand Factor in Rats. *Comptes rendus de l'Academie bulgare des Sciences*, 2010, Vol 63, №6, pp.917-924.
12. Negrin Negrav, Yuri Nyagolov, Margarita Stefanova, Emiliya Stancheva. Thyroid hormonal axis regulates protein C anticoagulation pathway in rats. *Cent Eur. J. Biol*. 2011; 6 (4): 518-523.
13. Yury Nyagolov, Petya Markova, Veselina Vuchidolova, Krasimira Atanassova, Radoslav Girchev. The effect of nonselective nitric oxide synthase inhibition on urine prostaglandin E2 and prostaglandin F2 α excretion in spontaneously hypertensive rats. *Comptes rendus de l'Academie bulgare des Sciences*. 2011, 64, №1, 2011, pp.141-148.
14. Negrin Negrav, Yuri Nyagolov, Margarita Stefanova, Nadezhda Doncheva. Effects of the hormones of the hypothalamic-pituitary-thyroid axis on some factors of the fibrinolytic system in rats. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №4, pp.607-616.
15. Negrin Negrav, Yuri Nyagolov, Margarita Stefanova, Emiliya Stancheva. Shifts of thrombin-activatable fibrinolysis inhibitor in rats after treatment with hormones of hypothalamic-pituitary-thyroid axis. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №5, pp.745-750.
16. Negrin Negrav, Yuri Nyagolov, Roman Tashev, Margarita Ivanova. Thyroid Hormonal Axis Modulates Fibrinolysis in the Rat. Effects of TRH , TSH , T3 and T4 on Fibrinogen, FDP, D-dimer and Reptilase Time. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №8, pp.1179-1186.
17. Negrin Negrav, Yuri Nyagolov, Roman Tashev, Margarita Stefanova. The Hormones of the Hypothalamic-Pituitary-Thyroid Axis are Involved in the Regulation of Anticoagulation in Rats via Effects on Antithrombin III and Thrombomodulin. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №9, pp.1329-1336.
18. Yuri Nyagolov, Negrin Negrav, Roman Tashev, Margarita Stefanova. Hormones of the Hypothalamic-Pituitary - Thyroid Axis Modulate Markers of Activated Blood Coagulation in Rats. Effects on Fibrinopeptide A, Prothrombin Fragment F1+2, TPA/PAI-1 Complex, Fibronectin and Heparin Cofactor II. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №10, pp.1499-1506.
19. Yuri Nyagolov, Negrin Negrav, Roman Tashev, Margarita Stefanova. Effects of the Hormones of Thyroid Hormonal Axis (TRH, TSH, T3 and T4) on Plasma Coagulation Factors V, XI, XII and XIII in the Rat. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №11, pp.1623-1630.
20. Yuri Nyagolov, Negrin Negrav, Roman Tashev, Margarita Stefanova. The Hormones of Thyroid Hormonal Axis (TRH , TSH , T3 and T4) Modulate Fibrinolytic System in Rats via Effects on α 1-

- Antitripsin, α 2-Macroglobulin, Vitronectin and Plasmin- α 2-Antiplasmin Complex. *Comptes rendus de l'Academie bulgare des Sciences*, 2011, Vol 64, №12, pp.1757-1764.
21. Irina Pashalieva, Emiliya Stancheva, Lyubka Decheva, Yuri Nyagolov, Negrin Negrev. Experimental data about melatonin effects on platelet count and functional activity. *Comptes rendus de l'Academie bulgare des Sciences*. 2012, Volume 65
 22. Yuri Nyagolov, Emiliya Stancheva, Lyubka Decheva, Irina Pashalieva, Negrin Negrev. Melatonin and luzindole effects on the activity of plasma clotting factors V, XI, XII and XIII in the rat. *Comptes rendus de l'Academie bulgare des Sciences*, 2012, Vol 65, No 6, pp.855-860.
 23. Irina Pashalieva, Lyubka Decheva, Emiliya Stancheva, MELATONIN AND LUZINDOLE-INDUCED EFFECTS ON INTEGRAL BLOOD COAGULATION PARAMETERS IN RATS. *Comptes rendus de l'Academie bulgare des Sciences*. Tome 67, No 9, 2014.
 24. Негрев Н, Няголов Ю, Димитров З. Промени в тромбоцитопоезата у плъхове под влияние на растежен хормон и соматостатин. *Съвременна Медицина*. 1991; год. XLII (8) 9-12.
 25. Nyagolov Y, Dyankov E, Ganchev T. Effect of Piracetam on erythropoiesis and leukopoiesis in rats. *Acta Physiol Pharmacol Bulg*. 1993; 19: 97-100.
 26. Zorcheva R, E. Dyankov, D. Nanov, N. Negrev, Y. Nyagolov Inhibitory effect of uremic plasma from patients on haemodialysis on thrombocytopoiesis of experimental animals. *Nefrologiya I Urologiya*. 1994;4:5-10. (In Bulgarian)
 27. Logofetov A, Nyagolov Y, Todorov V. Eritropoetin, Review Article, *Molekulyarna Medicina (Молекулярна Медицина)* 1996;1:37-42.
 28. Tomova R. & Nyagolov Y. Influence of Zinc on phagocytosis of neutrophils from peripheral blood of rats. *Medical research (Медицински изследвания)*. 1997; 1:3-6.
 29. Doncheva N, Nyagolov Y, Mihailova E. Pravastatin Effect on lipids and hs CRP in primary and secondary prophylaxis CAD patients. *Savremenna Medicina (Съвременна медицина)*, 2005; 56:(5), 3-8.
 30. Penkov A, Doncheva N, Shekerdjiski R, Velcheva A, Denev I, Boev M, Popov B, Niagolov Y. Study of the effect of "Lipofactor" on lipids, homocysteine and overweight. *Acta Medica Bulgarica*. 2006; 33:(2), 93-97.
 31. Doncheva, N. & Nyagolov, Y. Lipid, hemostatic and inflammatory markers of atherothrombotic risk. *Meditinski Pregled (Medical Review)*. 2009, Vol. 45 №2 pp. 5-1.
 32. Negrev N, Nyagolov Y, Dimitrov Z. Melatonin activates thrombocytopoiesis in rats. *Scripta Scientifica Medica*. 1991; 28:Suppl. 1, pp. 161-2.
 33. Decheva L., I. Pashalieva, E. Stancheva, Y. Nyagolov, N. Negrev. Melatonin and the fibrinolytic system in the rat: Effects on thrombin activatable fibrinolysis inhibitor (TAFI). *Scripta Sci. Med.*, 2012, Supplement 1, Vol. 44 (1), 129-132.
 34. Nyagolov Y., I. Pashaliewa, N. Doncheva, N. Negrev. Somatotropin, somatostatin and prolactin effects on vitamin K-dependent plasma clotting factor (FII, FVII, FIX, FX) antigen concentrations in rats. *Scripta Sci. Med.*, 2012, Supplement 1, Vol. 44 (1), 137-139.
 35. Troshhev K, Negrev N, Nyagolov Y. Thrombocytopoiesis in rats with thermal and mechanical injury. Deposited in CINTI № Dec. 3542/89.

Abstracts from international scientific forums published in journals with impact factor:

N. Doncheva, T. Baldev, D. Zakova, Y. Niagolov. European Atherosclerosis Society 76th Congress, Helsinki, Finland, Po22-706. Oxidative stress markers in hemodialysis patients treated by a novel antioxidant containing dialysis solution Journal: *Atherosclerosis; Suppl.* , 2007; vol. 8, no. 1, pp. 189-189.

N Doncheva & Y Niagolov. XV international symposium on atherosclerosis 14-18 June, Boston, USA, 2009. Abstract: P452. Clinical observation study on omega-3 fatty acids effects on atherosclerosis risk factors in dyslipidaemic and moderate hypertension patients. Journal: *Atherosclerosis; Suppl.* , 2009; vol. 10, no. 2, pp. e762-e762.

N. Negrev, Y.P. Nyagolov, M. Stefanova, E. Stancheva. The hormones of hypothalamic-pituitary-thyroid axis are essential regulators of the activity of protein C anticoagulation pathway in rats. 21st International Congress on Thrombosis 2010, Milano, Italy, 6-9 JULY, Supplement Issue: *Pathophysiology of Haemostasis and Thrombosis 2009/2010; Vol. 37, Suppl. 1, 2009/2010*, Abstract, p. A89.

N. Negrev , Y.P. Nyagolov, M. Stefanova, N. Doncheva. Effects of the hormones of the hypothalamic-pituitary-thyroid axis on some factors of the fibrinolytic system in rats. 21st International Congress on Thrombosis 2010, Milano, Italy, 6-9 JULY, Supplement Issue: *Pathophysiology of Haemostasis and Thrombosis 2009/2010; Vol. 37, Suppl. 1, 2009/2010*, Abstract, p. A102.

NN Negrev, YP Nyagolov, MP Stefanova, EP Stancheva. P4-10. Shifts of thrombin-activatable fibrinolysis inhibitor in rats after treatment by hormones of hypothalamic-pituitary-thyroid axis. *Journal of Thrombosis and Haemostasis; Special Issue: Abstracts of the 20th ISFP Congress, Amsterdam, the Netherlands, 24-28 August 2010 Volume 8, Issue Supplement s1 Pages 1–68.*

NN Negrev, YP Nyagolov, MP Stefanova, EP Stancheva. P5-11 Effects of the hormones of hypothalamic-pituitary-thyroid axis on reptilase time, fibrin degradation products and d-dimer in rats. *Journal of Thrombosis and Haemostasis; Special Issue: Abstracts of the 20th ISFP Congress, Amsterdam, the Netherlands, 24-28 August 2010 Volume 8, Issue Supplement s1 Pages 1–68.*

Nyagolov Yuri Penkov, Ivanova Doncheva Nadezhda, Nestorov Negrev Negrin. Somatotropin, somatostatin and prolactin effects on fibrinopeptide a, prothrombin fragment 1+2, fibronectin and heparin cofactor II in rats. *Acta Physiologica; 2011; Volume 203, Supplement 686: PC176 (Joint Congress of FEPS and Turkish Society of Physiological Sciences 03/09/2011-07/09/2011, Istanbul, Turkey Abstract number: PC176).*

Ilieva Pashalieva Irina, Yurieva Decheva Lyubka, Georgieva Stancheva Emiliya, Nyagolov Yuri Penkov, Nestorov Negrev Negrin. Screening study of melatonin effects on basic integral parameters of blood coagulation (PT, APTT, TT, ECLT). *Acta Physiologica; 2011; Volume 203, Supplement 686: PC176 (Joint Congress of FEPS and Turkish Society of Physiological Sciences 03/09/2011-07/09/2011, Istanbul, Turkey Abstract number: PC177.*

Nadezhda Ivanova Doncheva, Y. Nyagolov, K. Ivanova, V. Vassileva. A NEW EVALUATION OF LIPID-FIBRINOGEN INDEX AS CARDIOVASCULAR RISK MARKER. 80th EAS Congress, 26-29 may, 2012, Milan, Italy, P685. *Atherosclerosis;*

БИОГРАФИЯ

Юри Пенков Няголов

Дата на раждане: 09.06.1956 г.

Място на раждане: Добрич

Образование и курсове:

- Първа Езикова Гимназия – Варна (англ. език) – 1975;
- МУ – Варна, 1983;
- Специалност Физиология – 1990;
- Курсове по медицинска педагогика и доцимология – 1993 и 2001;
- Курс 100 часа здравен мениджънт – МУ- София, 2002;
- Образователна и научна степен „Доктор” – 2008.

Настояща месторабота:

Гл. асистент към к-ра Физиология МУ-София от 1994 г.
(от 2001 г. зав. учебната дейност).

Предишни местотоработи:

- Ординатор АГ отделение Окр. Б-ца Шумен 1983-86 г.
- Асистент към катедра Физиология МУ-Варна от 1987 г.

Преподавателска дейност:

- **Отг. за учебната работа** в катедрата по физиология от 2001 година;
- Преподаване (практически упражнения) на студенти медици, дентални медици, фармацевти, ерготерапевти (**наднормена учебна натовареност**);
- Съредактор и съавтор на протоколни тетрадки за обучение на студенти медици, дентални медици и фармацевти, 2002-2012;
- Автор на учебни материали за обучение и самоподготовка на английски език в *Internet* на страницата на катедрата (физиология на кръвта, дишането, обмяна на енергията);
- Автор/съавтор на учебни пособия: филми (регулация на дишането), учебни табла, диапозитиви и др;
- Участник в авторски колектив за написване на Ръководство за практически упражнения по физиология за медици и дентални медици (раздели: дишане, обмяна на енергията, водно-електролитно и алкално-киселинно равновесие) – под печат;
- Участник в авторски колектив за написване на Ръководство за практически упражнения по физиология с протоколна тетрадка за медици **на английски език** (раздели физиология на кръвта, дишане, обмяна на енергията, хранене) – под печат;
- Участие в изготвяне на учебни програми за обучение на студенти медици, дентални medici, фармацевти, ерготерапевти и следдипломно обучение на работещи във фармацевтичната промишленост.

- Изнесен цикъл от лекции на английски език за медици, МУ-Плевен (Отделителна ситема, АКР, Ендокринна система) (2000-2001);
- Лекции (Физиология на кръвта), за медици и стоматолози МУ-София 2004;
- Лекции (Ендокринни функции на задстомашната жлеза; физиология на репродуктивната система), за медици и стоматолози МУ-София 2012;
- Преподаване в Медицински Колеж – Варна и Медицински Колеж – София на сестри, фелдшери и акушерки;
- Лекционен курс и практически упражнения по физиология на студенти от факултет Електротехника, изучаващи специалност „Медицинска Техника и Апаратура” в ТУ – Варна, 2000-2003;
- **Обучение на чуждестранни студенти на английски език** от 2000 г.

Научни интереси и публикации в областите: хемостазеология, хемопоеза, физиология на храненето, атерогенеза, регулация на липидната обмяна, хемодиализа, регулация на бъбречните функции и артериалното налягане.

Ръководител на проект СМН, Договор 22/2009, отчетен, получил висока оценка. Двама студенти участници в проекта получават **две първи награди** с резултати от проекта на студентската научна сесия 2010 година.

Международна награда: Първо място в секция физиология, фармакология и клинична фармакология (*Negrev N, Nyagolov Y. Experimental data for influences of somatotropin and somatostatin on the extrinsic pathway of haemocoagulation in the rat. 6th **European conference for students and young doctors of the Charite. Berlin**, 19-21. Oct 1995, Abstr. Book, p. 134.)

Членство в научни дружества:

- Българско дружество по физиологични науки (член на управителния съвет от 2011 година);
- Българско дружество по физиологични науки – секция клинична физиология и спортна физиология, 2007;
- International Medical Association – Bulgaria (IMAB), Varna, 2003;
- European Haematology Asociacion, 1996, 1997; Membership Directory;
- BASORD (Bulgarian Association for the Study of Obesity and Related Diseases), Sofia; 2006;
- Съюз на Учените в България, 1987.

Д-р Юри Няголов: