

PERSONAL INFORMATION



Boris Kadinov

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 kadinovb@gmail.com

Sex Male | Date of birth 1 Aug 1973 | Nationality Bulgarian

WORK EXPERIENCE

11/06/2014–Present

PhD, Assist. Prof.

Institute of Neurobiology, Bulgarian Academy of Sciences
23 Acad. G. Bonchev str., 1113 Sofia (Bulgaria)
www.bio.bas.bg

Studies on contraction coupling mechanisms in smooth muscles of gastrointestinal tract and visceral muscles of the man and laboratory animals; effects of endogenous gaseous neurotransmitters (Carbon monoxide) on visceral muscle contractility.

Business or sector Professional, scientific and technical activities

2009–2014

Assist. Prof.

Institute of Neurobiology, Bulgarian Academy of Sciences
23 Acad. G. Bonchev str., 1113 Sofia (Bulgaria)
www.bio.bas.bg

Studies on contraction coupling mechanisms in smooth muscles of gastrointestinal tract and vascular smooth muscles of the man and laboratory animals; effects of some substances on smooth muscle contractility.

Business or sector Professional, scientific and technical activities

2000–2009

Research Scientist

Institute of Physiology, Bulgarian Academy of Sciences
23 Acad. G. Bonchev str., 1113 Sofia (Bulgaria)
www.bio.bas.bg

Studies on contraction coupling mechanisms in phasic and tonic smooth muscles of gastrointestinal tract and vascular smooth muscles of the man and laboratory animals; effects of some substances on smooth muscle contractility.

Business or sector Professional, scientific and technical activities

1998–2000

Specialist

Institute of Physiology, Bulgarian Academy of Sciences
23 Acad. G. Bonchev str., 1113 Sofia (Bulgaria)
www.bio.bas.bg

Studies on contraction coupling mechanisms in phasic and tonic smooth muscles of gastrointestinal tract.

Business or sector Professional, scientific and technical activities

EDUCATION AND TRAINING

1993–1998

MSci

Faculty of Biology in Sofia University, Sofia (Bulgaria)

MSc Topic: "Research on the systematics and the courtship behaviour of some species of the genus *Lycosa* (Araneae, Lycosidae) in the Karlukovo region."

1987–1991 **High School**
High School "Vassil Levski", Sofia (Bulgaria)

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2
French	B1	B1	B1	B1	B1
Russian	C2	C1	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Driving licence AM, B

ADDITIONAL INFORMATION

Publications

- Effects of newly synthesized endomorphin-2 analogs on guinea pig ileum
Kaloyan Georgiev, Boris Kadinov and Tamara Pajpanova
World Journal of Pharmaceutical Research, Vol 4, Issue 05, Pages: 516-523
Published: 2015. ISSN 2277– 7105, **IF 5.990**
Times Cited: 0
- Modular nerve circuit-mediated motor activity in circular axis of colon in rat model.
Nedialkova, N., N. Negrev, **B. Kadinov**, R.Radomirov.
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, Volume: 64, Issue: 8, Pages: 1151-1156
Published: 2011, **IF 0.210**
Times Cited: 0
- Local nerve networks-mediated activity of colo-rectal longitudinal and circular muscles in rat model
Simeonova, L., Stavreva, G., Nedialkova, N., Negrev, N., **Kadinov, B.**, Radomirov, R.
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, Volume: 64, Issue 3, Pages 437-442
Published: 2011, **IF 0.210**
Times Cited: 3
- Effects of CORM-3 on guinea pig coronary artery
Petkova-Kirova, P; Borisov, R; Dimitrova, D, **Kadinov, B.**
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, Volume: 63, Issue: 3, Pages: 383-390
Published: 2010, **IF 0.25**

Times Cited: 0

5. Free radical-induced contractility disturbances in a guinea-pig ileum in vitro model

Mizhorkova, Z.; Sotirov, E.; **Kadinov, B.**, Milusheva E.

Autonomic & Autacoid Pharmacology, Volume: 26, Page: 100

Published: 2006, **IF 0.72**

Times Cited: 0

6. Role of constitutively expressed heme oxygenase-2 in the regulation of guinea pig coronary artery tone

Gagov, H; **Kadinov, B**; Hristov, K,

PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY, Volume: 446 Issue: 4 Pages: 412-421

Published: JUL 2003, **IF 2.14**

Times Cited: 18

7. Induction of heme oxygenase in guinea-pig stomach: roles in contraction and in single muscle cell ionic currents

Kadinov, B; Itzev, D; Gagov, H,

Acta Physiologica Scandinavica Volume: 175 Issue: 4 Pages: 297-313

Published: AUG 2002, **IF: 1.94**

Times Cited: 9

h-index: 3

Conferences

XIV International Medical Scientific Conference for Students & Young Doctors, 10-15 October 2016, Medical University – Pleven – 1 poster

1. Newly Synthesized Derivatives Of Caffeine-Thioglycolic Acid – *In Vitro* Study

Kadinov, B.G., Kostov, V.M., Grigorova, R.F., Mitkov, Y.I., Georgieva, M., Kasabova, A., Kondeva-Burdina, M.S., Tzankova, V.I., Zlatkov, A.B.

THE 34th BALKAN MEDICAL WEEK, 7-8 October 2016, Bucharest – 1 poster

1. SPONTANEOUS IN VITRO MOTOR ACTIVITY OF COLONIC LONGITUDINAL AND CIRCULAR MUSCLES IN RATS WITH DNBS-INDUCED COLITIS

Galva Stavreva . Gergana Toteva , Zornitza Gorcheva , Boris Kadinov , Plamen Krastev, Radomir Radomirov

Научна Конференция „Дръзновение и Младост във Фармакологията“, 7-9 Октомври 2016, Цигов чарк – 1 poster

1. A study of newly synthesized derivatives of caffeine-thioglycolic acid

Boris Kadinov, Yavor Mitkov, Viktor Kostov, Grigorova Romyana, Magdalena Kondeva-Burdina

XI конгрес по физиологични науки, 9-11 октомври 2015 г., Медицински Университет – Пловдив – 1 poster

1. Effects of endogenous carbon monoxide on the contractile activity of segments from diabetic rat's a. ophthalmica

Boris Kadinov, Daniela Pechlivanova, Kristina Belcheva, Victor Kostov

VII НАЦИОНАЛЕН КОНГРЕС ПО ФАРМАКОЛОГИЯ, 17 – 19 Октомври 2014, Медицински Университет – Плевен – 1 poster

1. Effects of endogenous carbon monoxide on the contractile activity of segments from guinea pig

a. basilaris

Boris G. Kadinov, Radomir G. Radomirov

Двадесет и трета Международна Научна Конференция- “Предизвикателствата пред учените във връзка с новата програма за наука и иновации на ЕС - Хоризонт 2020”, 06.06.2013г., Ст. Загора. – 1 poster

1. СЪКРАТИТЕЛНА АКТИВНОСТ НА СЕГМЕНТИ ОТ МЕЗЕНТЕРИАЛНИ АРТЕРИИ ПРОКСИМАЛНО ОТ КОЛО-РЕКТАЛЕН ТУМОР.

Кадинов Б., Кермедчиев М., Радомиров Р.

Xth National Congress of Bulgarian Society for Physiological Sciences, 6-9 October 2011 – 1 presentation

1. Influence between NO and CO in the electrical evoked response in guinea pig stomach fundus

Kadinov B., D. Itzev, R. Radomirov, D. Duridanova

“Scripta Scientifica Medica”, 2011

Двадесет и първа международна научна конференция, 2011г., Ст. Загора – 2 posters

1. NANC responses of Guinea pig ileum - *In Vitro* study

Boris Kadinov, Radomir Radomirov

2. CHOLINERGIC CONTRIBUTION TO MOTORITY OF HUMAN COLON PROXIMALLY OF COLO-RECTAL CARCINOMA

Kermedchiev M., B. Kadinov, R. Radomirov

VIth National Congress of Pharmacology, 1-4 October 2009 – 3 posters:

1. *In vitro* effect of viscum album agglutinin I on isometric contraction of human mesenteric arteries
B. Kadinov, V. Bogoeva, H. Gagov, M. Penkova & D. Dimitrova,
Autonomic & Autacoid Pharmacology 2010, 30, 27

2. Effect of carbon monoxide on contractile activity of A. ophthalmica – *in vitro* model
B. Kadinov & M. Penkova,
Autonomic & Autacoid Pharmacology 2010, 30, 28

3. Large intestinal motility and reflexes near colorectal carcinoma – *in vitro* human study
M. Kermedchiev & B. Kadinov,

Autonomic & Autacoid Pharmacology 2010, 30, 30-31

2nd International Conference on Heme Oxygenase (HO/CO) and Cellular Stress Response, Catania, Italy, June 6-9, 2002 – 1 poster

1. Interaction between the endogenous carbon monoxide (CO) and nitric oxide (NO) in guinea pig coronary artery.

Boris Kadinov , Thomas Bolton and Dessislava Duridanova

LEARNING AND TEACHING

1. Practical exercises in Physiology – Medicine - в Катедра “Физиология” към Медицински Университет – София – 2016/2017 - **480h.**, (2015/2016 - **480h.**, 2014/2015 – **360h.**, 2013/2014 – **240h.**).

2. Цикъл семинарни упражнения по “Физиология на човека и физиология на физическите упражнения” - I-ва част - СУ “Св. Климент Охридски”, Факултет по Начална и предучилищна педагогика – **15h.** – 2013/2014, 2014/2015, 2015/2016

3. Цикъл семинарни упражнения по “Анатомия и физиология”, СУ “Св. Климент Охридски”, Факултет по Начална и предучилищна педагогика – **15h.** - 2013/2014, 2014/2015

4. Цикъл семинарни упражнения по “Функционална морфология на детето”, СУ “Св. Климент Охридски”, Факултет по Начална и предучилищна педагогика – **15h.** - 2013/2014, 2014/2015

5. Следдипломно обучение и 5-дневен семинар на тема „Методики за изследване

съкратителната активност на стомашно-чревния тракт“, проведен във Факултет по Фармация, МУ - Плевен.