

CURRICULUM VITAE

Name: Kadinov
Surname: Boris
Birth date: August 1, 1973
Nationality: Bulgarian
Family: single
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EDUCATION

Date: 1987-1991
High School "VassilLevski", Sofia

Date: 1993-1998
Biological Faculty of Sofia University
MSc Topic: "Research on the systematics and the courtship behaviour of some species of the genus *Lycosa* (Araneae, Lycosidae) in the Karlukovo region."

LANGUAGES (Ability on a scale from 1 to 5)

Language	Understanding	Written	Spoken
Bulgarian	Mother language		
English	4	4	3
Russian	5	5	4
French	4	4	4

Major research interests: Electrophysiology of smooth muscle, physiology of visceral muscles
interests: Physiology; Enteric Nervous System; Neurotransmission; Smooth Muscle; Vessels; Oxidative stress; Nitric oxide; Carbon monoxide
Techniques used: Wire vessel myograph, FES

WORKING EXPERIENCE

Date: 2009 – 2014
Location: Sofia, Bulgaria
Institution: Institute of Neurobiology, Bulgarian Academy of Sciences
Position: Assist. Prof.
Description: 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.

Date: 2000 –2009
Location: Sofia, Bulgaria
Institution: Institute of Physiology, Bulgarian Academy of Sciences
Position: Research Scientist
Description: 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.

Date: 1998-2000
Location: Sofia, Bulgaria
Institution: Institute of Physiology, Bulgarian Academy of Sciences
Position: Specialist
Description: Studies on contraction coupling mechanisms in phasic and tonic smooth muscles of gastrointestinal tract.

PUBLICATIONS

1. MODULAR NERVE CIRCUIT-MEDIATED MOTOR ACTIVITY IN CIRCULAR AXIS OF COLON IN RAT MODEL.

Nedialkova, N., N. Negrev, **B. Kadinov**, R.Radomirov.
CR Bulg. Acad. Sci., Volume: 64 Issue: 8 ,Pages:1151-1156
Published: 2011
Times Cited: 0

2. 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
Times Cited: 0

3. 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, Pages: 100
Published: 2006
Times Cited: 0

4. H₂O₂-induced contractility disturbances in guinea pig ileum

Mizhorkova, Z.; Sotirov, E.; **Kadinov, B.**, Milusheva E.
Dokladina Bolgarskata Akademiyana Naukite Volume: 59 Issue: 10 Pages: 1053-1058
Published: 2006
Times Cited: 0

5. 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
Times Cited: [14](#)

6. Induction of hemeoxygenase 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
Times Cited: [4](#)

MEETINGS AND CONFERENCES

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

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 постера

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 – **300ч.**
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 – **15ч.**
3. Цикъл семинарни упражнения по “Анатомия и физиология“, СУ “Св. Климент Охридски”, Факултет по Начална и предучилищна педагогика – **15ч.**
4. Цикъл семинарни упражнения по “Функционална морфология на детето“, СУ “Св. Климент Охридски”, Факултет по Начална и предучилищна педагогика – **15ч.**

REFERENCES

Corr. Member Radomir Radomirov, MD, PhD, DSci
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