

# CURRICULUM VITAE

## Krasimira Hristova

### 1. Personal data

[REDACTED]

### 2. Education

Classical Gymnasium, Gorna Oriachovitza, 1984  
MD - Medical University, Pleven 1984 -1990  
Diploma N= 00130/ 1990  
Functional Diagnostic specialization, Medical University, Graz, Austria, 1992  
Internal Disease specialization, Medical University, Sofia, 1996  
Diploma N= 005445/ 01.01.1999  
Cardiology specialization, Medical University, Sofia, 2006  
Diploma N= 010493/01.01.2006  
Research Fellow in 3D Echocardiography, Catholic University, Leuven ,  
Belgium with Master degree in Advance on Medical Imaging, 2008 – 2009  
PhD – National Heart Hospital, Sofia, 2010-2013 with topic “Three  
dimensional deformation imaging in myocardial infarction patients”

### 3. Professional experience

1990-1999 appointed physician at the City Hospital, Gorna Oriachovitza –  
1999- 2005 appointed consultant of internal medicine at the University Hospital  
of Neurology and Psychiatry  
2006 – 2008 appointed cardiologist and Head of Department of Noninvasive  
functional and imaging diagnostics, National Hospital of Emergency  
Care,Sofia  
2008 – 2009 – Research Fellow in Echocardiography, Catholic University,  
Leuven , Belgium, Master Degree of Advance Medical Imaging  
08. 2009 - and currently - appointed consultant cardiologist, National Heart  
Hospital, Department of Noninvasive Diagnostic, Sofia , National level Expert  
of echocardiography  
05.2013 -2016 Head of Outpatient Clinic in National Heart Hospital, Sofia ,  
Appointed Associated Professor in National Heart Hospital, from May 05th  
2015 and currently  
From 2015 – Guest Professor in Creighton University, Department of  
Cardiovascular Sciences, Omaha, Nebraska, USA  
2016 – and currently Medical Director , Center for Cardiovascular Diseases,  
Sofia.

### 4. Fields of research and interest (key

2D and 3D Echocardiography; Myocardial deformation imaging , cardiac  
function , adult congenital heart diseases, cardiac imaging, stress –  
echocardiography, flow-mediated vasodilatation; carotid blood flow;

**words)** noninvasive functional diagnostic, hypertension, acute coronary syndrome

**5. Membership in professional organizations**

Bulgarian Society of Cardiology  
Fellow of European Society of Cardiology /FESC/  
European Association of Echocardiography, Member of National Committee Board 2012-2014, 2014-2016, 2016 -2018  
American Society of Echocardiography, Member of Award Scientific Board for 2012, 2013, 2014, 2015  
International Society of Hypertension, Member of Board Mentors in Young Investigators group in ISH -2016-2018  
Bulgarian League of Hypertension  
Member of Working Group for ACS/ ESC  
Member of Working Group for Hypertension and Heart / ESC  
Member of Working Group of Peripheral Circulation /ESC  
Member of European Association for Cardiovascular Prevention and Rehabilitation  
Secretary of Bulgarian Working Group of Echocardiography 2010-2012 and 2012-2014 ,  
President of Bulgarian Working group of echocardiography 2014-2016, 2016-2019,  
President pf Bulgarian Association of cardiovascular imaging frpm 2019 and currently  
2013-2015, President of International College of Cardiology ( ICC) ,founded in Slovakia, from 2016 and currentlry –Secretary General of ICC  
2013 and currently, Member of the Board of Directors by World Hypertension League (WHL), Director for East European region  
2015 and currently Fellow on International Academy of Cardiovascular Sciences, Canada  
2019 = Fellow of EACVI /FEACVI/

**6. Languages and other skills**

English – excellent  
German – excellent  
Russian – excellent  
Greek - excellent

Computer skills – Microsoft office: Word, Excel; Internet;  
Statistical knowledge – SPSS, Statistika  
Course of Good Clinical Praxis in European Research, University – London, England, 2006

- 8. Professional Awards** 2006- 22 International Congress of Hypertension, Fukuoka, Japan- awarded with Young Investigator Grant  
2007 – Travel Grant for European Congress of Hypertension, Milano, Italy  
2010 - Grand of EAE for EuroEcho 2010 , Copenhagen, Denmark  
2011- Clinical Research Fellowship from British Heart Foundation, placed into Aberdeen University , UK  
2012 - Grand from ESH, 2012, London, UK  
2013 – Grand from ESH, 2013 , Milano, Italy
- 9 Scientific Projects** Participation in 5 scientific projects (4international)
- 10. Clinical Trials** Co-investigator in First Clinical Trial of Irbesartan (Teveten) in Bulgaria, 2002  
Investigator in Clinical Trial “Dependence of Carotid Atherosclerosis and risk factors in patients with Cardiovascular Diseases “, 2002- 2006  
Co-investigator in Bulgarian group of JUPITER –trial, 2006  
Main investigator PEGASUS - TIMI 54 , 2011  
Co -investigator CANTOS, 2012
- 11. Publications** 85 publications:  
45 in local journals  
32 in international journals  
2 accepted in an international journal, in press  
2 accepted in local journals, in press  
85 posters at international congresses  
32 oral presentation at international congresses  
3 co - author in books  
1 book
- 12. Invited reviewer** Reviewer for Archives of Medical Sciences 77 reviews  
Reviewer for Medical Science Monitor – 2 reviews  
Reviewer for The Open Cardiovascular Medicine Journal – 6 reviews  
Co- Editor in Topmedica Journal, from 2010 and current  
Co-Editor in Discovery Biology in Medicine , 2012  
Co-Editor in Word Heart Journal, 2013 and currently  
Co- Editor in International Journal of Clinical Nutrition, 2013-2015  
Consultant Editor of JACC- Case from 2019 and currently  
Member of Editorial Board Of Journal of Hypertension 2020 and currently  
Member of Editorial Board of EHJ-Imaging methods and practice , 2023 and currently

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Publications  
Krasimira Hristova , MD,PhD

*I. Authors / co-authors in books on english.*

1. **K. Hristova**, J. Fedacko, E. Toda, RB Singh, HH Shin, M-K Lee. Can Aspirin be used in combination with an oral anticoagulant in the prevention of thromboembolism and bleeding in patients with heart diseases? **Chapter 2**. In: New Research in Cardiovascular Health. Editor: Ram B. Singh. Nova Science Publisher Inc. 2014, New York, ISBN: 978-1-62948-993-3, p-11-16.

2. RB Singh, K. Otsuka, K. **Hristova**, S, Chibisov, T. Takahashi, D. Wilson, B. Milovanovic, H.S. Buttar, I. Petrov, Sv. Handjiev. Blood pressure variability and risk of cardiovascular complications. **Chapter 9**. In: New Research in Cardiovascular Health. Editor Ram B. Singh. Nova Science Publisher Inc. 2014. New York, ISBN: 978-1-62948-993-3, p-159-164.

3. M. Tokunaga, RB Singh, J. Fedacko, V. Vargova, T. Takahashi, L. Juneja. **K. Hristova**, B. Milovanovic, HS Buttar, I. Petrov, Sv. Handjiev. Dietary pattern and causes of death due cardiovascular and other chronic diseases among urban decedents in North India. **Chapter 11**. In: New Research in Cardiovascular Health. Editor Ram B. Singh. Nova Science Publisher Inc. 2014. New York, ISBN: 978-1-62948-993-3, p-181-196.

4. RB Singh, J Chouldhury, F de Meester, A. Wilczynska, S. Dharwadkar, D. Wilson, **K. Hristova**, B. Milovanovic, HS Buttar, I. Petrov, Sv. Handjiev. Association of high W-6/W-3 ratio paleotic style diets and risk of cardiovascular diseases and other chronic diseases: Is the tissue the main issue? **Chapter 16**. In: New Research in Cardiovascular Health. Editor Ram B. Singh. Nova Science Publisher Inc. 2014. New York, ISBN: 978-1-62948-993-3, p-259-302.

5. RB Singh, **K. Hristova**, T. Takahashi, D.M. Martirosyan, D. Pella, F. de Meester, D.W. Wilson, B. Milovanovic, HS Buttar, I. Petrov, Sv. Handjiev. Poverty is not the absolute cause of deaths due non-communicable diseases. **Chapter 17**. In: New Research in Cardiovascular Health. Editor Ram B. Singh. Nova Science Publisher Inc. 2014. New York, ISBN: 978-1-62948-993-3, p-303-324.

6. B. Cosyns, T. Edvardsen, **K. Hristova**, H.K.Kim . **Chapter 20**. Left ventricle: Systolic function. In : The EACVI Textbook of Echocardiography . Second Edition. Edited by P. Lancellotti, JL Zamorano, G. Habib, L. Badano. Oxford University press 2016. ISBN: 978-0-19-872601-2

#### **IV. Publications in international journals with/ out IF**

1. **Hristova, K**, Buttar, H S, Handjiev, S, Singh,R B, Takahashi,T, Tokunaga,M, Chaves, H, Wilson, D W & Visen, P (2014). HIGH OMEGA-6/OMEGA –3 FATTY ACID RATIO DIET AND MEDITERRANEAN DIET DECREASE RISK OF NON-COMMUNICABLE DISEASES
2. •**Hristova,K**, Pella,D, Singh, R B, Dimitrov,B D, Chaves,H, Juneja,L, Basu, T K, Ozimek, L, Singh, A K, Rastogi, S S, Takahashi, T, Wilson, D W, De Meester, F, Cheema, S, Garg, M, Buttar, H S & Milovanovic, (2013). Sofia declaration for prevention of cardiovascular diseases and type 2 diabetes mellitus. a scientific statement of the international college of cardiology and international college of nutrition (Long version). World Heart Journal 2014, 6 , 89-106.
3. •**Hristova,K**, Shiue,I, Pella,D, Singh, R B, Dimitrov,B D, Chaves,H, Basu,t k, Ozimek,L, Rastogi, S S, Takahashi, T, Wilson, D W, DeMeester,F, Cheema, S, Garg, M, Buttar, H S, Milovanovic, B, Kumar, A, Handjiev, S, Cornelissen, G & Ivo Petrov,I. Prevention strategies for cardiovascular diseases and diabetes mellitus in developing countries: World Conference of Clinical Nutrition 2013.Nutrition. 2014 Sep;30(9):1085-9. doi: 10.1016/j.nut.2013.12.013. Epub 2014 Jan 8.

*Impact factor 3.151*

4. Singh RB, Darlenska TH, **Hristova K**, Otsuka K, Fedacko J, Pella D, Milovanovic B, Singh R. Chronocardiology and Chronotherapy. Journal of Cardiology and Therapy 2014; 1(2): 12-16.

Availablefrom:URL:<http://www.ghrnet.org/index.php/jct/article/view/>

5. Singh, Takahashi, Tokunaga, Wilczynska, Kim, De Meester, Handjjeva-Darlenska, Cheema, Wilson D W, Milovanovic B, Fedacko J, **Hristova K**, Chaves H. Effect of Brain Derived Neurotrophic Factor, In Relation to Diet and Lifestyle Factors, for Prevention of Neuropsychiatric and Vascular Diseases and Diabetes. The Open Nutraceuticals Journal 01/2014; 7:5-14.

6. Seisyou Kou, Luis Caballero, Raluca Dulgheru, Damien Voilliot, Carla De Sousa, George Kacharava, George D Athanassopoulos, Daniele Barone, Monica Baroni, Nuno Cardim, **Krasimira Hristova**, Alessandro Salustri, Nico Van De Veire, Ralph Stephan Von Bardeleben, Dragos Vinereanu, Jens-Uwe Voigt, Jose Luis Zamorano, Erwan Donal, Roberto M Lang, Luigi P Badano, Patrizio Lancellotti. Echocardiographic reference ranges for normal cardiac chamber size: results from the NORRE study. Eur Heart J Cardiovasc Imaging. 2014 Jun;15(6):680-90. doi: 10.1093/ehjci/jet284. Epub 2014 Jan 21. PMID: 24451180

*Impact factor 3.669*

7. J. Fedacko, RB Singh, A. Gupta. **K. Hristova**, E. Toda, A. Kumar, M. Saxena, A. Baby, R. Singh, T. Takahashi, D. Wilson. Inflammatory mediators in chronic heart failure in North India. Acta Cardiol. 2014 Aug;69(4):391-8. PMID: 25181914

*Impact factor 0.607*

8. Simova I, Katova T, Nesheva A, **Hristova K**, Kostova V, Boyadzhiev I, Dimiktrov N. Echocardiographic predictors of early postoperative atrial fibrillation in coronary artery bypass surgery patients. World Heart J. 2014, 6, (3), 163-170.

9. Negishi K, Negishi T, Kurosawa K, **Hristova K**, Popescu BA, Vinereanu D, Yuda S, Marwick TH. Practical Guidance in Echocardiographic Assessment of Global Longitudinal Strain. JACC Cardiovasc Imaging. 2014 Aug 5. pii: S1936-878X(14)00494-X. doi: 10.1016/j.jcmg.2014.06.013.

*Impact factor -6.986*

10. Shiue I, Hristova K. Higher urinary heavy metal, phthalate and arsenic concentrations accounted for 3-19% of the population attributable risk for high blood pressure: US NHANES, 2009-2012. Hypertens Res. 2014 Dec;37(12):1075-81. doi: 10.1038/hr.2014.121. Epub 2014 Jul 31. PMID: 25077919

*Impact factor -2.936*

11. Hristova K, Shiue I. The Role of Echocardiography for Evaluation Patients with Arterial Hypertension. Ann Clin Exp Hypertension 2(3): 2016. 12-18
12. Shiue I, Hristova K. Correspondence: gender and outcome from acute myocardial infarction and secondary stroke. The British Journal of Cardiology, July-September, 2014 Volume 21, Issue 3; 21:90
13. Ram B. Singh, Amrat K. Singh, Hideki Mori, Daniel Pella, Tapan K. Basu, Lech Ozimek, Shailendra K. Vajpeyee, Douglas W. Wilson, Fabien De Meester, **Krasimira Hristova**, Lekh Juneja, Sukhinder Kaur, Manohar Garg, Toru Takahashi, Adarsh Kumar, Rajiv Garg, Nirankar S. Neki, R. G. Singh and Sharad Rastogi A Tribute to

Nutrio-Diabetologist Shanti S. Rastogi MBBS, MD,FRCP,FICN, FICC *The Open Nutraceuticals Journal,2014, 7,39-43*

14. Shehab A, Elkilany G, Singh RB, **Hristova K**, Chaves H, Cornelissen G , Otsuka K. Coronary risk factors in South West Asia. *World Heart Journal* 2015;
- 15 . **Hristova K**, Cornelissen G, Fedacko J, Singh RB. Echocardiographic study of circadian myocardial function among clinically healthy subjects. *World Heart Journal* 2014 ,6, 4.
16. Teodora Handjieva-Darlenska, **Krasimira Hristova**, and Ram B Singh. Antioxidant Vitamins and the Heart. *World Heart Journal* 2014, 6, 2
17. Rakesh Sharma, Thakur Hemnani, Aditya K Gupta, Ram B. Singh, T. Handjieva-Darlenska, and **Krasimira Hristova**. Micro-RNA in Cardiovascular Diseases. *World Heart Journal* 2014, 6, 203- 208.
18. Ram B Singh, Jan Fedacko, Daniel Pella, **Krasimira Hristova**, Hilton Chaves, Branislav Milovanovic, Teodora H. Darlenska, Toru Takahashi, Fabien De Meester, Douglas W Wilson, Galal Elkilany, and Sherif Baathallah. Angiotensin Converting Enzyme: A Possible Risk during Transition from Undernutrition to Chronic Diseases of Affluence. *World Heart Journal* 2014, 6, 209-214.
19. Teodora Handjieva-Darlenska, Ram B Singh, **Krasimira Hristova**, Branislav Milovanovic, Jan Fedacko, Sergey Chibisov, Sergey Shastun, Vicky Beeharry, Svetoslav Handjievi, and Chee Jeong Kim. Timing of Statin Therapy May Eliminate Its Toxicity and Increase Its Bioactivity, Said Professor Halberg, The Lord of Time. *World Heart Journal* 2014, 6, 1.85-88.
20. Jan Fedacko, Ram B. Singh, Teodora Handjiev Darlenska, **Krasimira Hristova**, Daniel Pella, and Hilton Chaves. Editorial - Antiplatelet Therapy in Heart Failure. *World Heart Journal* 2014, 6, 2.
21. R.B. Singh, **Krasimira Hristova**, Galal El-Kilany, Takahashi Toru, Abdullah Shehab, Hilton Chaves, DW Wilson, Divya Rupini , Neelesh Gupta and Rajeev Gupta. LETTER TO THE EDITOR: Nutritional Modulators in Chronic Heart Failure. *The Open Nutraceuticals Journal*, 2015, 8, 1-4.
22. Sergey Shastun, Maria Abramova, RB Singh, **Krasimira Hristova**, and Galal EN Elkilani. Editorial. Diet and Hypertension. *World Heart Journal* 2014, 6, 2.
23. Bashlijski V. **Hristova K**, I..Shiue. Echocardiographic evaluation of mechanical dyssynchrony – a new insight. Merit Research Journal of Medicine and Medical science. Vol 3 (1), January 2015.

*Impact factor 0.681*

24. RB Singh , T. Takahashi, S. Shastun , G. El Kilany, ·**K. Hristova** ,· RG Singh. The Concept of Functional Foods and Functional Farming (4 F) in the Prevention of Cardiovascular Diseases: A Review of Goals from 18th World Congress of Clinical Nutrition . Journal Cardiol. Therapy , 2015, August , 2 (4) , 273-278 . DOI: 10.17554/j.issn.2309-6861.2015.02.75
25. RB Singh, **Krasimira Hristova**, Jan Fedacko, Galal Elkilany, Narsingh Verma New Clinical Trials With Evolocumab and Alirocumab on Cardiovascular Outcomes, in Patients With high Risk of Acute Coronary Syndromes. Journal Cardiol. Therapy , 2015 October 2(5): 422-424 ISSN 2309-6861(print), ISSN 2312-122X
26. Caballero L, Kou S, Dulgheru R, Gonjilashvili N, Athanassopoulos GD, Barone D, Baroni M, Cardim N, Gomez de Diego JJ, Oliva MJ, Hagedorff A, Hristova K, Lopez T, Magne J, Martinez C, de la Morena G, Popescu BA, Penicka M, Ozyigit T, Rodrigo Carbonero JD, Salustri A, Van De Veire N, Von Bardeleben RS, Vinereanu D, Voigt JU, Zamorano JL, Bernard A, Donal E, Lang RM, Badano LP, Lancellotti P . Echocardiographic reference ranges for normal cardiac Doppler data: results from the NORRE Study. Eur Heart J Cardiovasc Imaging. 2015 Sep;16(9):1031-41. doi: 10.1093/ehjci/jev083. Epub 2015 Apr 20.
27. K. Hristova, I . Schiue. The Role of Echocardiography for Evaluation Patients with Arterial Hypertension. *Ann Clin Exp Hypertension* 2(1): 1016 (2015)
28. Hristova, K., Cornelissen, G., Fedacko, J., & Singh, R. B. (2014). Echocardiographic study of circadian myocardial function among clinically healthy subjects. *World Heart Journal*, 6(4), 241-259.
29. Ram B. Sing, Krasimira Hristova, Geir Bjørklund, Jan Fedacko, Salvatore Chirumbolo, Daniel Pella. Extended consensus on blood pressure variability beyond blood pressure for management of hypertension. *Journal of the American Society of Hypertension*, 25 Nov 2016, <http://dx.doi.org/10.1016/j.jash.2016.11.005>  
*Impact Factor 2.819*