

УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ
ФАКУЛТЕТ МЕДИЦИНСКИХ НАУКА
Наставно-научно веће
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УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ
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КРАГУЈЕВАЦ

На седници Наставно-научног већа Факултета медицинских наука у Крагујевцу одржаној дана 27.03. 2019. године, донета је

ОДЛУКА

Покреће се иницијатива за доделу почасног доктората проф. др Рафаелу Бугиардинину, редовног професора Медицинског факултета Универзитета у Болоњи.

Образложење

Проф. др Рафаел Бурђадини је водећи светски стручњак из области интерне медицине (кардиологије), који у својој листи публикација има велики број библиографских јединица који су објављени у часописима са СС/SCI листе. Својим радом доприноси остваривању значајних резултата и унапређењу медицинске науке која се примењује и у нашој земљи. Узимајући у обзир изузетан допринос у развоју медицинске мисли и научноистраживачког рада, донета је одлука као у диспозитиву.



ПРЕДСЕДАВАЈУЋИ ВЕЋА

проф. др Владимир Јаковљевић

Наставно-научном Већу
Факултета медицинских наука
Универзитета у Крагујевцу

УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ
Број Т-0-28312
Датум 01 АПР 2019
КРАГУЈЕВАЦ

ПРЕДЛОГ ЗА ДОДЕЛУ ПОЧАСНОГ ДОКТОРАТА УНИВЕРЗИТЕТА У КРАГУЈЕВЦУ

Професору доктору **Raffaele Burgiadinu**

Проф др Raffaele Burgiadinu дипломирао је 1976. на Медицинском факултету Alma Mater Studiorum, Универзитета у Болоњи, Болоња у Италији са похвалом и са два наградама за најбољег студента године: наградом Vittorio Emanuele II и Francesco Schiassi

Академску и стручну каријеру започео је одмах по дипломирању: последипломско звање из интерне медицине је одбранио 1981. а из кардиологије 1985. год, оба са успехом, на факултету Alma Mater Studiorum Универзитета у Болоњи, Италија. Остала академска звања професора Raffaele Burgiadinu-ja су Fellow of the American College of Cardiology (F.A.C.C.), Fellow of the American Heart Association (F. A. H.H.), Fellow the European Society of Cardiology (F. E.S.C.), Fellow Удружења Кардиолога Италије/Италијанске Федерације Кардиолога.

Током свог последипломског школовања професор Raffaele Burgiadinu се усавршавао као Fellow и хонорарни клинички асистент у Hammersmith hospital у Лондону у Кардиоваскуларној јединици Краљевске последипломске школе. Већ од 1980. улази у наставу и почиње своју педагошку и научну активност и рад као асистент, затим као доцент од 1992, ванредни професор 1995., а од 2004 год као редовни професор на Медицинском факултету Alma Mater Studiorum, Универзитету у Болоњи.

У току свог педагошког рада је био изузетно активан на свом матичном Медицинском факултету у Болоњи као и на Медицинским факултетима у Риму, Навари, Сиени, Милану. На Медицинском факултету у Болоњи од 1992. до 1995 . води Курс Интерне медицине, као посебан програм предмета Медицине и Хирургије, Медицинске и Хирушке Школе Универзитета у Болоњи, а од 1995. и програм Курса Кардиолошког школе за исти предмет Медицине и Хирургије, Медицинске и Хирушке Школе Универзитета у Болоњи. Од 2013 и надаље је супервизор програма докторских студија Хирушких наука, Истраживачког Модула Кардиоваскуларних Методологија, Медицинске и Хирушке Школе Универзитета у Болоњи, а од 2014. је координатор академских активности мастер студија медицине и хирургије на Универзитету у Болоњи , од 2011 члан академског Борда /College PhD (докторског) програма хирушких наука универзитета у Болоњи, члан борда Одељења за експерименталну, дијагностичку и специјалистичку медицину (DIMES) на истом Универзитету. Осим на матичном Медицинском факултету у Болоњи професор Raffaele Burgiadinu је члан Академског борда за докторске студије експерименталне медицине на Универзитету у Месини, Италија, затим као низа активности на Универзитетима у Милану, Риму (La Sapienza), Навари, Сиени, пре свега због својих научно-истраживачких достигнућа у познавању и изучавању коронарне болести и посебно његове акутне форме – акутног коронарног синдрома- учествује у организацији ЦМЕ курса за акутни коронарни синдром у низу Универзитета у Италији. Постаје координатор академских активности медицинских наука на Медицинском факултету у Болоњи. а између осталих активности је и секретар декана Медицинског факултета у Болоњи.

Свакодневна задужења професора Burgiadinu обухватају пуни обим клиничког рада у области кардиологије као и збрињавање амбулантних и хоспитализованих срчаних болесника са акутним коронарним синдромом. Низом пројеката у овој области и резултата клиничких студија које је водио професор Raffaele Burgiadinu је допринео бољем познавању савремене дијагностичке и терапијске

могућности акутног коронарног синдрома, посебно акутног инфаркта миокарда. Поред редовног наставно-образовног рада са студентима, води програме додипломске и последипломске наставе и докторске студије, а научноистраживачки рад у области кардиоваскуларне медицине, посебно коронарне болести срца. Запажени научни радови су из подручја акутног инфаркта миокарда са нормалним коронарним артеријама, затим значај спазма у исхемијској болести срца у чијем проучавању је међу првима, а резултати ових истраживања су саопштени у великом броју радова у престижним часописима које је професор Raffaele Burgiadini објавио. Професор Raffaele Burgiadini је ангажован у изради Препорука Европског Кардиолошког друштва затим у изради низа експерт докумената- У активностима које има у Радној групи за патофизиологију и коронарну микроциркулацију Европског Кардиолошког друштва у којој је изузетно активан и у којој је покренуо једну од најважнијих студија ISACS-TC за праћење акутног коронарног синдрома у земљама у транзицији, први који је уочио значај разлике у дијагностичким и терапијским могућностима презентације овог синдрома у земљама чије искуство не улази у Препоруке Европског кардиолошког друштва. Професор Raffaele Burgiadini био је члан Борда Европског Кардиолошког друштва.

Научноистраживачки рад професора Raffaele Burgiadinia је посебно настао у низу пројеката чији је организатор Медицински факултет Универзитета у Болоњи, затим Влада Италије, као и Европско кардиолошко друштво. Као редовни професор Медицинског факултета Alma Mater Studiorum Болоњског Универзитета који има велики и дугогодишњи међународни углед и у коме се спроводе бројни међународни научно-истраживачки пројекти, професор Burgiadini је омогућио стипендирање студента последипломске наставе из целог света, као и из Србије чиме је омогућио отварање врата овог престижног факултета за даље научне програме српским лекарима . Дугачка листа ових пројеката наведена је у прилогу а само неке треба истаци као што су програми Италијанске владе: (PRIN) Програм Идентификације и клиничког значаја вулнерабилног плочице у коме је проф Burgiadini главни истраживач и национални координатор; (Prot. 2005069575 - MIUR-COFIN 2005), затим пројекат : Абнормалности срчаног аутономног нервне активности, миокардне исхемије и генетског полиморфизма у детерминисању Акутног коронарног синдрома (Prot. 9706570507_001 - MIUR-COFIN 1997) од 1998. у коме је проф Burgiadini ко-истраживач. Као главни истраживач проф Burgiadini је учесник у низу клиничких студија : PROVE IT-TIMI 22 <https://clinicaltrials.gov/ct2/show/NCT01218776> од 2010 ; VALIANT студији а од 2016. је у PROSTEP студији, експертној платформи за хроничне болести у Европи <http://www.eupatient.eu/whatwedo/Projects/prostep/>

Своје резултате научноистраживачког рада је позиван да излаже на великом броју међународних скупова, конгреса и универзитета : на конгресима American Heart Association, American Colledge of Cardiology, Европском кардиолошком Конгресу, Америчком кардиолошком конгресу, на конгресу Кардиолога Шпаније, Румуније, Хрватске, Грчке, Македоније, Србије и другим..

Професор Raffaele Burgiadini је главни уредник часописа Journal of Cardiovascular medicine, члан борда више престижних часописа: European Heart Journal, Journal of geriatric medicine, Journal of American College of Cardiology, World Journal of Cardiology и других наведених у прилогу.

Његова активност у Nucleusu Радне групе за коронарну патофизиологију и микроциркулацију Европског кардиолошког друштва од 2006. у којој је иницирао и организовао Интернационални студију за акутни коронарни синдром за земље у транзицији отворила је врата учесћу кардиолога из Србије у овој радној групи, а затим и у Nucleusu ове радне групе. Епидемиолошки подаци о акутном коронарном синдрому у земљама у транзицији су, захваљујући овој студији први у Европи, а Србија учествује са највећим бројем испитаника и посебним местом у овој студији. Резултати су објављени у низу прстижних часописа.

Интензивна сарадња са кардиолозима Србије професора Raffaele Burgiadinia се наставља као и ISACS-TC студија која обухвата велики број центара у Србији.

У циљу даљег продубљивања научне и стручне сарадање српских кардиолога и Факултета медицинских наука Универзитета у Крагујевцу са једним од најцењенијих међународних стручњака из области коронарне болести, покрећемо у име Катедре за Интерну медицину Факултета медицинских наука иницијативу да се професору Raffaele Burgiadini-ју додели звање почасног доктора наука Универзитета у Крагујевцу.

Curriculum Vitae

PERSONAL INFORMATION Raffaele Bugiardini, MD, FESC, FACC, FAHA

Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna,
Via Massarenti 9, 40138, Bologna, Italy +39 051 347290

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<https://www.unibo.it/sitoweb/raffaele.bugiardini/en>

Sex Male | Date of birth 27/07/1950 | Nationality Italian

EDUCATION AND TRAINING

1976 Medical Degree Faculty, graduation with honours Alma Mater Studiorum, University of Bologna, Bologna, Italy

1981 Residency/Postgraduate in Internal Medicine, graduation with honours Alma Mater Studiorum, University of Bologna, Bologna, Italy

1985 Residency/Postgraduate in Cardiology, graduation with honours Alma Mater Studiorum, University of Bologna, Bologna, Italy

ACCADEMIC EXPERIENCE

FROM 2004 TO PRESENT Full Professor of Cardiology Alma Mater Studiorum, University of Bologna, Bologna, Italy

FROM 1995- TO 2004 Associate Professor of Cardiology Alma Mater Studiorum, University of Bologna, Bologna, Italy 2003 Visiting Professor Mayo Clinic Scottsdale, Arizona, USA

FROM 1992- TO 1995 Associate Professor of Medicine and Chief of Coronary Care Unit, Department of Medicine Alma Mater Studiorum, University of Bologna, Bologna, Italy

FROM 1980- TO 1992 Researcher/Assistant Professor of Medicine Alma Mater Studiorum, University of Bologna, Bologna, Italy

FROM 1981- TO 1983 Research Fellow and Honorary Clinical Assistant Cardiovascular Unit, Royal Postgraduate School, Hammersmith Hospital, London, UK

PERSONAL SKILLS

MOTHER TONGUE Italian

OTHER LANGUAGE UNDERSTANDING SPEAKING WRITING LISTENING READING SPOKEN INTERACTION SPOKEN PRODUCTION English C1 C2 C2 C2 C2 Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages

COMMITTEE/ EDITORIAL

BOARD/ MEMBERSHIP

RESEARCH COMMITTEES

(FROM 2016 TO PRESENT)

Member of PROSTEP Expert platform (Pilot Project on Promoting Self-management for Chronic Diseases in Europe (PROSTEP; tender reference: SANTE/2015/D2/021) <http://www.eupatient.eu/whatwedo/Projects/prostep/>

RESEARCH COMMITTEES

(FROM 2010 TO PRESENT)

Principal Investigator of the international multicentre registry: "International Survey of Acute Coronary Syndrome in Transitional Countries" (ISACS-TC) , ClinicalTrials.gov Identifier: NCT01218776 Protocol and List of ISACS-TC publications on peer review journals can be consulted at : <https://clinicaltrials.gov/ct2/show/NCT01218776>

RESEARCH COMMITTEES

(FROM 2006 TO 2007)

Principal Investigator and national coordinator of the Italian National Research Programme (PRIN) : Identification and clinical relevance of vulnerable plaque. Funded by the Italian Government (Prot. 2005069575 - MIUR-COFIN 2005) over 24 months commencing January 2006 RESEARCH COMMITTEES (FROM 2000 TO 2001) Investigator/Collaborator of the Pravastatin or Atorvastatin Evaluation and Infection Therapy – Thrombolysis in Myocardial Infarction 22 (PROVE IT–TIMI 22) trial

RESEARCH COMMITTEES

(FROM 1998 TO 2001) Investigator/Collaborator of The Valsartan in Acute Myocardial Infarction (VALIANT) trial

RESEARCH COMMITTEES

(FROM 1998 TO 2000)

Co-investigator/Unit Investigator of the Italian National Research Programme (PRIN) : Abnormalities of cardiac autonomic nervous activity, myocardial ischemia, and genetic polymorphisms in the determination of Acute Coronary Syndromes. Funded by the Italian Government (Prot. 9706570507_001 - MIUR-COFIN 1997) over 24 months commencing February 1998

OTHER COMMITTEES

- From 2014 to present: Nucleus member of the Working Group on Coronary Pathophysiology and Microcirculation of The ESC ▪ From 2010 to present: Reviewer/Task force of the Clinical Practice Guidelines-European Society of Cardiology ▪ From 2012 to 2014: Ex-officio nucleus member of the Working Group on Coronary Pathophysiology and Microcirculation of The ESC ▪ From 2010 to 2012: Councillor/ Board member of the European Society of Cardiology (ESC Board)
- From 2008 to 2010: Chair/ President of the Working Group on Coronary Pathophysiology and Microcirculation of The ESC
- From 2007 to 2008: Chair of the Congress of the Italian Society of Cardiology
- From 2006-2008: President Elect of Working Group on Coronary Pathophysiology and Microcirculation of The ESC

UNIVERSITY COMMITTEES ▪ From 2014 to present: Coordinator of the academic activities of the XII semester of the Single cycle degree/Combined Bachelor and Master degree in Medicine and Surgery of the University of Bologna, School of Medicine, Bologna, Italy

- From 2014 to present: member of the council/board of the coordinators of the academic activities of the Single cycle degree/Combined Bachelor and Master degree in Medicine and Surgery of the University of Bologna, School of Medicine, Bologna Italy
- From 2011 to present: member of the Academic Board/College of the PhD programme in Surgical Sciences of the University of Bologna, School of Medicine, Bologna Italy
- From 2013 to 2015: member of the council/board of School of Medicine, University of Bologna, Italy
- From 2013 to 2015: member of the council/board of the Department of Experimental, Diagnostic and Specialty Medicine (DIMES), University of Bologna, Italy
- From 2009 to 2012: member of the Academic Board/College of the PhD programme in Experimental Medicine of the University of Messina, School of Medicine, Messina, Italy
- From 2000 to 2004: Coordinator of the CME University Course on “ Risk Stratification and Treatment of Acute Coronary Syndrome ” held by the University of Bologna, University of Milano, University La Sapienza (Rome), University of Novara, University of Siena, University Tor Vergata (Rome)
- From 1999 to 2001: Secretary of the Dean in the Faculty of Medicine, University of Bologna, Bologna, Italy
- From 1996 to 1999: Coordinator of the academic activities of the XII semester for Medical Science of the University of Bologna, School of Medicine, Bologna Italy

EDITORIAL BOARDS

- From 2015 to present: Academic Editor PlosOne
- From 2015 to present : Regional Associate Editor (Europe): European Heart Journal-Quality of Care and Clinical Outcomes
- From 2015 to present Associate Editor: World Journal of Cardiology
- From 2015 to present : Editorial board member: Cardiovascular Innovations and Applications (CVIA)Journal
- From 2015 to present : Editorial Board Member: Journal of Geriatric Cardiology
- From 2011 to 2012: Editor in Chief: Journal of Cardiovascular Medicine

- From 2010 to 2012: Editorial board member: Journal of American College of Cardiology
- From 2010 to 2011: Editorial board member: European Heart Journal
- From 1995 to 2010: Editorial board member: Clinical Cardiology

MEMBERSHIPS

- Fellow the European Society of Cardiology
- Fellow of the American Heart Association
- Fellow of the American College of Cardiology
- Fellow of the Italian Society of Cardiology /Italian Federation of Cardiology

AWARDS/PRIZES

- 2008: Awarded with the prize “Italia Vola” per la Medicina e la Ricerca (Italy for Medicine and Research)
- 1987, 1989 and 1991: The Laennec Society of the American Heart Association, Council on Clinical Cardiology selected him for presentation of his contributes
- 1977: Francesco Schiassi Award of the Society of Medicine of Bologna for the best curriculum vitae
- 1976: Vittorio Emanuele II Prize for the best curriculum vitae in Medicine at the University of Bologna

TEACHING EXPERIENCE ▪ From 2013 to present: PhD Supervisor, PhD programme in Surgical Sciences, Module of Research Methodologies in Cardiovascular Diseases, School of Medicine and Surgery, University of Bologna, Bologna, Italy

- From 1995 to present: Cardiology Course, Single cycle degree programme in Medicine and Surgery, School of Medicine and Surgery, University of Bologna, Italy
- From 1992 to 1995: Internal Medicine Course, Single cycle degree programme in Medicine and Surgery, School of Medicine and Surgery, University of Bologna, Italy

RECENT INTERNATIONAL LECTURES (FACULTY SPEAKER)

- European Society of Cardiology Congress
- American Heart Association Scientific Sessions
- American College of Cardiology Scientific Sessions
- Congress of the Italian Society of Cardiology
- Dubrovnik Cardiology Highlights Congress (of the European Society of Cardiology)
- Congress of the Croatian Cardiac Society
- Spanish Society of Cardiology Congress
- Romanian Society of Hypertension Congress
- CardioAthena, International Meeting on Cardiovascular Medicine
- Coronary Artery Vasospastic Disorders Summit

PUBLICATIONS LIST

In Extenso articles

RAFFAELE BUGIARDINI, MD

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1. Cenko E, Ricci B, Kedev S, Vasiljevic Z, Dorobantu M, Gustiene O, Knežević B, Miličić D, Dilic M, Manfrini O, Koller A, Badimon L, **Bugiardini R**. Invasive versus conservative strategy in acute coronary syndromes: The paradox in women's outcomes. *Int J Cardiol*. 2016;222:1110-1115.
2. Ricci B, Manfrini O, Cenko E, Vasiljevic Z, Dorobantu M, Kedev S, Davidovic G, Zdravkovic M, Gustiene O, Knežević B, Miličić D, Badimon L, **Bugiardini R**. Primary percutaneous coronary intervention in octogenarians. *Int J Cardiol*. 2016;222:1129-1135.
3. **Bugiardini R**. Editorial (Thematic Issue: What's Behind the Sex Gap in Cardiovascular Mortality?). *Curr Pharm Des*. 2016;22:3777-3778.
4. Cenko E, Ricci B, Kedev S, Kalpak O, Câmâc L, Vasiljevic Z, Knežević B, Dilic M, Miličić D, Manfrini O, Koller A, Dorobantu M, Badimon L, **Bugiardini R**. *Int J Cardiol*. 2016;222:1122-1128.
5. Badimon L, **Bugiardini R**, Cubedo J. Pathophysiology of acute coronary syndromes in the elderly. *Int J Cardiol*. 2016;222:1105-1109.
6. Vasiljevic-Pokrajcic Z, Mickovski N, Davidovic G, Asanin M, Stefanovic B, Krljanac G, Radosavljevic-Radovanovic M, Radovanovic N, Lasica R, Milanović S, Bjekić J, Majstorovic-Stakic M, Trifunovic D, Karadzic A, Rajic D, Milosevic A, Zdravkovic M, Saric J, **Bugiardini**. Sex and age differences and outcomes in acute coronary syndromes. *Int J Cardiol*. 2016;217 Suppl:S27-S31.
7. **Bugiardini R**, Badimon L; ISACS-TC Investigators and Coordinators. The International Survey of Acute Coronary Syndromes in Transitional Countries (ISACS-TC): 2010-2015. *Int J Cardiol*. 2016;217 Suppl:S1-S6.
8. Câmâc L, Bătăiilă V, Ricci B, Vasiljevic Z, Kedev S, Gustiene O, Trininic D, Knežević B, Miličić D, Dilic M, Manfrini O, Cenko E, Badimon L, **Bugiardini R**, Scafa-Udriște A, Tăutu O, Dorobanțu M. Factors associated with use of percutaneous coronary intervention among elderly patients presenting with ST segment elevation acute myocardial infarction (STEMI): Results from the ISACS-TC registry. *Int J Cardiol*. 2016;217 Suppl:S21-S26.
9. Manfrini O, Ricci B, Cenko E, Dorobantu M, Kalpak O, Kedev S, Knežević B, Koller A, Milicic D, Vasiljevic Z, Badimon L, **Bugiardini R**; ISACS-TC Investigators. Association between comorbidities and absence of chest pain in acute coronary syndrome with in-hospital outcome. *Int J Cardiol*. 2016;217 Suppl:S37-S43.
10. Manfrini O, Ricci B, Dormi A, Puddu PE, Cenko E, **Bugiardini R**. Early Invasive Strategy for Unstable Angina: a New Meta-Analysis of Old Clinical Trials. *Sci. Rep*. 2016;6:27345; doi: 10.1038/srep27345
11. **Bugiardini R**, Cenko E, Ricci B, Vasiljevic Z, Dorobantu M, Kedev S, Vavlukis M, Kalpak O, Puddu PE, Gustiene O, Trininic D, Knežević B, Miličić D, Gale CP, Manfrini O, Koller A, Badimon L. Comparison of Early Versus Delayed Oral β Blockers in Acute Coronary Syndromes and Effect on Outcomes. *Am J Cardiol*. 2016;117:760-767
12. Cenko E, **Bugiardini R**. Barriers to risk stratification accuracy in ischemic heart disease in women: the role of non-obstructive coronary artery disease. *Curr Pharm Des*. 2016; doi 10.2174/1381612822666160311115344
13. Authors/Task Force Members, Roffi M, Patrono C, Collet JP, Mueller C, Valgimigli M, Andreotti F, Bax JJ, Borger MA, Brotons C, Chew DP, Gencer B, Hasenfuss G, Kjeldsen K, Lancellotti P, Landmesser U, Mehilli J, Mukherjee D, Storey RF, Windecker S. Collaborators: Baumgartner H, Gaemperli O, Achenbach S,

- Agewall S, Badimon L, Baigent C, Bueno H, **Bugiardini R**, Carerj S, Casselman F, Cuisset T, Erol Ç, Fitzsimons D, Halle M, Hamm C, Hildick-Smith D, Huber K, Iliodromitis E, James S, Lewis BS, Lip GY, Piepoli MF, Richter D, Rosemann T, Sechtem U, Steg PG, Vrints C, Luis Zamorano J. ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: Task Force for the Management of Acute Coronary Syndromes in Patients Presenting without Persistent ST-Segment Elevation of the European Society of Cardiology (ESC). *Eur Heart J*. 2016;37:267-315
14. Cenko E, Ricci B, Kedev S, Vasiljević Z, Dorobantu M, Gustiene O, Knežević B, Miličić M, Dilic M, Trninic D, Smith F, Manfrini O, Badimon L, **Bugiardini R**. Reperfusion therapy for ST-elevation acute myocardial infarction in Eastern Europe: the ISACS-TC registry. *Eur Heart J Qual Care Clin Outcomes*. 2016; 2: 45-51.
 15. Cenko E, Hall M, **Bugiardini R**. Big data: a new look at old problems. *Eur Heart J Qual Care Clin Outcomes*. 2016. DOI: <http://dx.doi.org/10.1093/ehjqcco/qcw028>.
 16. **Bugiardini R**, Cenko E. Persisting Chest Pain in Nonobstructive Coronary Artery Disease. *Eur Heart J Qual Care Clin Outcomes*. 2016; 2:69–71.
 17. Pries AR, Badimon L, **Bugiardini R**, Camici PG, Dorobantu M, Duncker DJ, Escaned J, Koller A, Piek JJ, de Wit C. Coronary vascular regulation, remodelling, and collateralization: mechanisms and clinical implications on behalf of the working group on coronary pathophysiology and microcirculation. *Eur Heart J*. 2015;36:3134-3146.
 18. Cenko E, **Bugiardini R**. Vasotonic Angina as a Cause of Myocardial Ischemia in Women. *Cardiovasc Drugs Ther*. 2015;29:339-345
 19. **Bugiardini R**, Dorobantu M, Vasiljevic Z, Kedev S, Knežević B, Miličić D, Calmac L, Trninic D, Daullxhiu I, Cenko E, Ricci B, Puddu PE, Manfrini O, Koller A, Badimon L; ISACS-TC Investigators. Unfractionated heparin-clopidogrel combination in ST-elevation myocardial infarction not receiving reperfusion therapy. *Atherosclerosis*. 2015; 241:151-156.
 20. Smith FG, Brogan RA, Alabas O, Laut KG, Quinn T, **Bugiardini R**, Gale CP. Comparative care and outcomes for acute coronary syndromes in Central and Eastern European Transitional countries: A review of the literature. *Eur Heart J Acute Cardiovasc Care*. 2015;4:537-554-
 21. Windecker S, Kolh P, Alfonso F, et al; Authors/Task Force members. 2014 ESC/EACTS Guidelines on myocardial revascularization: The Task Force on Myocardial Revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS) Developed with the special contribution of the European Association of Percutaneous Cardiovascular Interventions (EAPCI). *Eur Heart J*. 2014 ;35:2541-2619
 22. Manfrini O, Morrell C, Das R, Barth JH, Hall AS, Gale CP, Cenko E, **Bugiardini R**; Evaluation of Methods and Management of Acute Coronary Events Study Group. Effects of angiotensin- converting enzyme inhibitors and beta blockers on clinical outcomes in patients with and without coronary artery obstructions at angiography (from a Register-Based Cohort Study on Acute Coronary Syndromes). *Am J Cardiol*. 2014;113:1628-1633
 23. **Bugiardini R**, Manfrini O, Stakic MM, Cenko E, Boytsov S, Merkely B, Becker D, Dilic M, Vasiljevic Z, Koller A, Badimon L. Exploring in-hospital death from myocardial infarction in Eastern Europe: from the International Registry of Acute Coronary Syndromes in Transitional Countries (ISACS-TC); on the Behalf of the Working Group on Coronary Pathophysiology & Microcirculation of the European Society of Cardiology. *Curr Vasc Pharmacol*. 2014;12:903- 909.
 24. **Bugiardini R**, Badimon L Manfrini O. Rationale and design of the ISACS-TC (International Survey of Acute Coronary Syndromes in Transitional Countries) project. *Eur Heart J Supp* 2014;16(Suppl A):A1-A6.
 25. Vilahur G, Badimon JJ, **Bugiardini R**, Badimon L. The burden of cardiovascular risk factors and coronary heart disease in Europe and worldwide. *Eur Heart J Supp* 2014;16(Suppl A):A7-A11
 26. Manfrini O, Dorobantu M, Vasiljevic Z, Kedev S, Knezevic B, Milicic D, Dilic M, Trninic D, Daullxhiu I, Gustiene O, Ricci B, Martelli I, Cenko E, Koller A, Badimon L, **Bugiardini R**. Acute coronary syndrome in octogenarian patients: results from the international registry of acute coronary syndromes in transitional countries (ISACS-TC) registry. *Eur Heart J Supp* 2014;16(Suppl A):A87-A94.
 27. Vasiljevic Z, Krljanac G, Davidovic G, Panic G, Radovanovic S, Mickovski N, Sbrljak N, Markovic-Nikolic N, Curic-Petkovic S, Panic M, Cenko E, Manfrini O, Martelli I, Koller A, Badimon L, **Bugiardini R**. Gender differences in case fatality rates of acute myocardial infarction in Serbia. *Eur Heart J Supp* 2014;16(Suppl A):A48-A55
 28. Knezevic B, Vasiljevic Z, Music L, Krivokapic L, Ljubic V, Tomic SC, Omer S, Radojicic S, Radoman C, Rajovic G, Riger L, Saranovic M, Velickovic M, Rajic D, Zivkovic S, Lasica R, Bankovic-Milenkovic N, Ljubica D, Jovanovic D, Jelica M, Radakovic G, Zdravkovic M, Ricci B, Manfrini O, Martelli I, Koller A, Badimon L, **Bugiardini R**. Management of heart failure complicating acute coronary syndromes in

- Montenegro and Serbia. *Eur Heart J Suppl* 2014;16(Suppl A):A61-A66
29. Trninc D, Dilic M, Vasiljevic Z, Kulic M, Srdic S, Dobrijevic N, Sabanovic-Bajramovic N, Begic A, Kukavica N, Vukcevic V, Davidovic G, Panic G, Saric J, Zrnac M, Matic I, Trifunovic N, Martelli I, Cenko E, Manfrini O, Koller A, Badimon L, **Bugiardini R**. Clinical profile of patients with no-reperfusion therapy in Bosnia and Herzegovina and Serbia. *Eur Heart J Suppl* 2014;16(Suppl A):A67-A73.
 30. Task Force Members, Montalescot G, Sechtem U, Achenbach S, Andreotti F, Arden C, Budaj A, **Bugiardini R**, et al. 2013 ESC guidelines on the management of stable coronary artery disease: the Task Force on the management of stable coronary artery disease of the European Society of Cardiology. *Eur Heart J*. 2013;34:2949-3003
 31. Pizzi C, Santarella L, Manfrini O, Chiavaroli M, Agushi E, Cordioli E, Costa GM, **Bugiardini R** Ischemic heart disease and depression: an underestimated clinical association. *G Ital Cardiol (Rome)*. 2013;14:526-537.
 32. Vaccarino V, Badimon L, Corti R, de Wit C, Dorobantu M, Manfrini O, Koller A, Pries A, Cenko E, **Bugiardini R**. Presentation, management, and outcomes of ischaemic heart disease in women. *Nat Rev Cardiol*. 2013;10:508-518.
 33. **Bugiardini R**, Eskola M, Huhtala H, Niemelä K, Karhunen P, Miglio R, Manfrini O, Pizzi C, Nikus K. Coronary revascularisation in stable patients after an acute coronary syndrome: a propensity analysis of early invasive versus conservative management in a register-based cohort study. *BMJ Open*. 2013;3. pii: e002559
 34. Manfrini O, Cenko E, Verna E, Salerno Uriarte JA, **Bugiardini R**. Endothelial dysfunction versus early atherosclerosis: a study with high resolution imaging. *Int J Cardiol*. 2013;168:1714- 1716
 35. Lanza GA, Camici PG, Galiuto L, Niccoli G, Pizzi C, Di Monaco A, Sestito A, Novo S, Piscione F, Tritto I, Ambrosio G, **Bugiardini R**, Crea F, Marzilli M; Gruppo di Studio di Fisiopatologia Coronarica e Microcircolazione, Società Italiana di Cardiologia. Methods to investigate coronary microvascular function in clinical practice. *J Cardiovasc Med (Hagerstown)*. 2013;14:1-18.
 36. Pizzi C, Santarella L, Costa GM, **Bugiardini R**. The impact of treatment on the pathophysiologic mechanisms linking coronary heart disease and depression. *J Am Coll Cardiol*. 2012;60:2424- 2425
 37. Xhyheri B, Manfrini O, Mazzolini M, Pizzi C, **Bugiardini R**. Heart rate variability today. *Prog Cardiovasc Dis*. 2012;55:321-331.
 38. Thygesen K, Alpert JS, Jaffe AS, Simoons ML, Chaitman BR, White HD et al; Joint ESC/ACCF/AHA/WHF Task Force for Universal Definition of Myocardial Infarction; Authors/Task Force Members; Biomarker Subcommittee; ECG Subcommittee; Imaging Subcommittee; Classification Subcommittee; Intervention Subcommittee; Trials & Registries Subcommittee; ESC Committee for Practice Guidelines (CPG). Third universal definition of myocardial infarction. *J Am Coll Cardiol*. 2012;60:1581-1598.
 39. Thygesen K, Alpert JS, Jaffe AS, Simoons ML, Chaitman BR, White HD et al; Joint ESC/ACCF/AHA/WHF Task Force for the Universal Definition of Myocardial Infarction. Third universal definition of myocardial infarction. *Circulation*. 2012;126:2020-2035.
 40. Thygesen K, Alpert JS, Jaffe AS, Simoons ML, Chaitman BR, White HD et al; Writing Group on the Joint ESC/ACCF/AHA/WHF Task Force for the Universal Definition of Myocardial Infarction; ESC Committee for Practice Guidelines (CPG). Third universal definition of myocardial infarction. *Eur Heart J*. 2012;33:2551-2567
 41. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Arq Bras Cardiol*. 2012;98:471-479.
 42. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Rev Port Cardiol*. 2012;31:329-336.
 43. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Med Arch*. 2012;66:148-154.
 44. Relations between professional medical associations and healthcare industry, concerning scientific communication and continuing medical education: a policy statement from the European Society of Cardiology. **ESC Board**. *Rev Port Cardiol*. 2012;31:529-538.
 45. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P, Antoniadis L, Ahmad M, Apetrei E, Arai K, Artigou JY, Aschermann M, Böhm M, Bolognese L, **Bugiardini R**, Cohen A, Edes I, Elias J, Galeano J, Guarda E, Haouala H, Heras M, Höglund C, Huber K, Hulin I, Ivanusa M, Krittayaphong R, Kuo CT, Lau CP, Lyusov VA, Marinskis G, Márquez MF, Masic I, Pinho-Moreira LF, Mrochek A, Oganov RG, Raev D, Rogava M, Rodevand O, Sansoy V, Shimokawa H, Shumakov VA, Tajer CD, van der Wall EE,

- Stefanadis C, Videbæk J, Lüscher TF. Conflict of interest policies and disclosure requirements among European Society of Cardiology national cardiovascular journals. *Arch Cardiol Mex*. 2012;82:170-180.
46. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Circ J*. 2012;76:1542-1549.
 47. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology national cardiovascular journals. *Hellenic J Cardiol*. 2012;53:179-188.
 48. Relations between professional medical associations and the healthcare industry, concerning scientific communication and continuing medical education--a policy statement from the European Society of Cardiology. **European Society of Cardiology**. *Acta Cardiol*. 2012;67:265-271.
 49. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflicts of interest policies and disclosure requirements among European Society of Cardiology national cardiovascular journals. *J Cardiovasc Med (Hagerstown)*. 2012;13:386-394.
 50. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Rev Esp Cardiol (Engl Ed)*. 2012;65:471-478.
 51. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Heart*. 2012;98:e1-7.
 52. Relations between professional medical associations and the health-care industry, concerning scientific communication and continuing medical education: a Policy Statement from the European Society of Cardiology. **ESC Board**. *Eur Heart J*. 2012;33:666-674.
 53. Alfonso F, Timmis A, Pinto FJ, Ambrosio G, Ector H, Kulakowski P, Vardas P; **Editors' Network European Society of Cardiology Task Force**. Conflict of interest policies and disclosure requirements among European Society of Cardiology National Cardiovascular Journals. *Eur Heart J*. 2012;33:587-594.
 54. Agushi E, Xhyheri B, **Bugiardini R**. Sex differences in biomarkers for predicting cardiovascular and coronary events. *Curr Vasc Pharmacol*. 2013;11:785-794.
 55. Poon S, Goodman SG, Yan RT, **Bugiardini R**, Bierman AS, Eagle KA, Johnston N, Huynh T, Grondin FR, Schenck-Gustafsson K, Yan AT. Bridging the gender gap: Insights from a contemporary analysis of sex-related differences in the treatment and outcomes of patients with acute coronary syndromes. *Am Heart J*. 2012;163:66-73.
 56. Pizzi C, Costa GM, **Bugiardini R**. Regarding "Depressive symptoms are related to progression of coronary calcium in midlife women: the Study of Women's Health Across the Nation (SWAN) Heart Study". *Am Heart J*. 2011;162:e25
 57. **Bugiardini R**, Yan AT, Yan RT, Fitchett D, Langer A, Manfrini O, Goodman SG; Canadian Acute Coronary Syndrome Registry I and II Investigators. Factors influencing underutilization of evidence-based therapies in women. *Eur Heart J*. 2011;32:1337-1344.
 58. Pizzi C, Costa GM, **Bugiardini R**. Depression, inflammation and therapy: which way is right?
 - a. *Brain Behav Immun*. 2011;25:800
 59. **Bugiardini R**. The role of editors, reviewers and authors in improving the journal quality. *J Cardiovasc Med (Hagerstown)*. 2011;12:1-2.
 60. Vaccarino V, Badimon L, Corti R, de Wit C, Dorobantu M, Hall A, Koller A, Marzilli M, Pries A, **Bugiardini R**; Working Group on Coronary Pathophysiology and Microcirculation. Ischaemic heart disease in women: are there sex differences in pathophysiology and risk factors? Position paper from the working group on coronary pathophysiology and microcirculation of the European Society of Cardiology. *Cardiovasc Res*. 2011;90:9-17.
 61. Xhyheri B, **Bugiardini R**. Diagnosis and treatment of heart disease: are women different from men? *Prog Cardiovasc Dis*. 2010;53:227-236.
 62. Pizzi C, **Bugiardini R**. Further insights into syndrome X. *Heart*. 2010;96:1865-1867.
 63. Shaw LJ, Bugiardini R, Merz CN. Women and ischemic heart disease: evolving knowledge. *J Am Coll Cardiol*. 2009;54:1561-1575.
 64. Tatu-Chitoiu G, Cinteza M, Dorobantu M, Udeanu M, Manfrini O, Pizzi C, Vintila M, Ionescu DD, Craiu E, Burghina D, **Bugiardini R**. In-hospital case fatality rates for acute myocardial infarction in Romania. *CMAJ*. 2009;180:1207-1213.

65. Bugiardini R, Estrada JL, Nikus K, Hall AS, Manfrini O. Gender bias in acute coronary syndromes. *Curr Vasc Pharmacol*. 2010;8:276-284.
66. Pries AR, Habazettl H, Ambrosio G, Hansen PR, Kaski JC, Schächinger V, Tillmanns H, Vassalli G, Tritto I, Weis M, de Wit C, Bugiardini R. A review of methods for assessment of coronary microvascular disease in both clinical and experimental settings. *Cardiovasc Res*. 2008;80:165-174.
67. Manfrini O, Slucca M, Pizzi C, Colombo A, Viecca M, Bugiardini R. Effect of percutaneous coronary intervention on coronary blood flow at rest in myocardial sites remote from the intervention site in patients with stable angina pectoris. *Am J Cardiol*. 2008;101:776-779.
68. Manfrini O, Pizzi C, Viecca M, Bugiardini R. Abnormalities of cardiac autonomic nervous activity correlate with expansive coronary artery remodeling. *Atherosclerosis*. 2008;197:183-189.
69. Manfrini O, Bugiardini R. Barriers to clinical risk scores adoption. *Eur Heart J*. 2007;28:1045-1046.
70. Manfrini O, Slucca M, Bugiardini R. Optical coherence tomography. *G Ital Cardiol (Rome)*. 2007;8:28-33.
71. Bugiardini R, Badimon L, Collins P, Erbel R, Fox K, Hamm C, Pinto F, Rosengren A, Stefanadis C, Wallentin L, Van de Werf F. Angina, "normal" coronary angiography, and vascular dysfunction: risk assessment strategies. *PLoS Med*. 2007;4:e12.
72. Bugiardini R, Manfrini O, De Ferrari GM. Unanswered questions for management of acute coronary syndrome: risk stratification of patients with minimal disease or normal findings on coronary angiography. *Arch Intern Med*. 2006;166:1391-1395.
73. Manfrini O, Mont E, Leone O, Arbustini E, Eusebi V, Virmani R, Bugiardini R. Sources of error and interpretation of plaque morphology by optical coherence tomography. *Am J Cardiol*. 2006;98:156-159.
74. Bugiardini R. Women, 'non-specific' chest pain, and normal or near-normal coronary angiograms are not synonymous with favourable outcome. *Eur Heart J*. 2006;27:1387-1389.
75. Manfrini O, Bugiardini R. Rheumatic fever and rheumatic heart disease. *G Ital Cardiol (Rome)*. a. 2006;7:266-272.
76. Bugiardini R. Endothelial function and the prediction of CVD in diabetes. *Curr Diab Rep*. 2006;6:17-21.
77. Manfrini O, Bazzocchi G, Luati A, Borghi A, Monari P, Bugiardini R. Coronary spasm reflects inputs from adjacent esophageal system. *Am J Physiol Heart Circ Physiol*. 2006;290:H2085-2091.
78. Manfrini O, Bugiardini R. Takayasu's arteritis: A case report and a brief review of the literature. a. *Heart Int*. 2006;2:66.
79. Bedetti G, Pizzi C, Gabrieli L, Varga A, Pasanisi E, Bugiardini R, Picano E. The beneficial effect of insulin, glucose, and dipyridamole on regional left ventricular function early after acute myocardial infarction. *Int J Cardiol*. 2005;102:255-258.
80. Bugiardini R. Normal coronary arteries: clinical implications and further classification. *Herz*. 2005;30:3-7.
81. Bugiardini R, Bairey Merz CN. Angina with "normal" coronary arteries: a changing philosophy. a. *JAMA*. 2005;293:477-484.
82. Manfrini O, Morgagni G, Pizzi C, Fontana F, Bugiardini R. Changes in autonomic nervous system activity: spontaneous versus balloon-induced myocardial ischaemia. *Eur Heart J*. 2004;25:1502-1508.
83. Bugiardini R. Risk stratification in acute coronary syndrome: focus on unstable angina/non-ST segment elevation myocardial infarction. *Heart*. 2004;90:729-731.
84. Manfrini O, Pizzi C, Morgagni G, Fontana F, Bugiardini R. Effect of pravastatin on myocardial perfusion after percutaneous transluminal coronary angioplasty. *Am J Cardiol*. 2004;93:1391-1393.
85. Bugiardini R, Manfrini O, Pizzi C, Fontana F, Morgagni G. Endothelial function predicts future development of coronary artery disease: a study of women with chest pain and normal coronary angiograms. *Circulation*. 2004;109:2518-2523.
86. Pizzi C, Manfrini O, Fontana F, Bugiardini R. Angiotensin-converting enzyme inhibitors and 3-hydroxy-3-methylglutaryl coenzyme A reductase in cardiac Syndrome X: role of superoxide dismutase activity. *Circulation*. 2004;109:53-58.
87. Pfeffer MA, McMurray JJ, Velazquez EJ, Rouleau JL, Køber L, Maggioni AP, Solomon SD, Swedberg K, Van de Werf F, White H, Leimberger JD, Henis M, Edwards S, Zelenkofske S, Sellers MA, Califf RM; Valsartan in Acute Myocardial Infarction Trial Investigators. Valsartan, captopril, or both in myocardial infarction complicated by heart failure, left ventricular dysfunction, or both. *N Engl J Med*. 2003;349:1893-1906.
88. Manfrini O, Pizzi C, Trerè D, Fontana F, Bugiardini R. Parasympathetic failure and risk of subsequent coronary events in unstable angina and non-ST-segment elevation myocardial infarction. *Eur Heart J*. 2003;24:1560-1566.
89. Fontana F, Bernardi P, Spampinato S, Toro RD, Bugiardini R. beta-Endorphin modulation of pressor response to hyperventilation in hypertensive patients. *Peptides*. 2002;23:911-918.
90. Costa GM, Pizzi C, Bresciani B, Tumscitz C, Gentile M, Bugiardini R. Acute myocardial infarction caused

- by amphetamines: a case report and review of the literature. *Ital Heart J.* 2001;2:478-480.
91. Cordioli E, Pizzi C, **Bugiardini R.** Left ventricular metastasis from uterine leiomyosarcoma. *Cardiologia.* 1999;44:1001-1003.
 92. Costa GM, Pizzi C, Leone C, Borghi A, Cordioli E, **Bugiardini R.** Thrombosis of a mitral valve prosthesis resulting from *Staphylococcus epidermidis* endocarditis. *Cardiologia.* 1999;44:675-678.
 93. Rusticali G, **Bugiardini R.** Unstable angina and non Q-wave myocardial infarction. Early risk stratification: role of silent ischemia and coronary morphology. *Int J Cardiol.* 1999;68 Suppl 1:S43-47.
 94. Pizzi C, Costa GM, Borghi A, Premuda G, Tondini C, Magri G, Cordioli E, **Bugiardini R.** Effects of reperfusion and coronary reocclusion on the variability of heart rate in patients with acute myocardial infarction. *Cardiologia.* 1999;44:181-186.
 95. **Bugiardini R,** Conti CR. Unstable angina: prognosis of the individual patient. *Clin Cardiol.* 1998;21:706-710.
 96. Fontana F, Tarsi G, Boschi S, De Iasio R, Monetti N, **Bugiardini R.** Relationship between plasma endothelin-1 levels and myocardial ischemia induced by exercise testing. *Am J Cardiol.* 1997;79:957-959.
 97. Ruggeri A, Taruschio G, Loricchio ML, Samory G, Borghi A, **Bugiardini R.** The correlation between the clinical characteristics and psychological status in syndrome X patients. *Cardiologia.* 1996;41:551-557.
 98. Pozzati A, Pancaldi LG, Di Pasquale G, Pinelli G, **Bugiardini R.** Transient sympathovagal imbalance triggers "ischemic" sudden death in patients undergoing electrocardiographic Holter monitoring. *J Am Coll Cardiol.* 1996;27:847-852.
 99. **Bugiardini R.** Dynamic factors in the genesis of myocardial ischaemia. *Eur Heart J.* 1995;16:1312-1313.
 100. Rusticali G, Di Clemente D, Ruggeri A, Borghi A, **Bugiardini R.** The noninvasive identification of patients with angina and normal coronary arteries. *G Ital Cardiol.* 1995;25:1161-1170.
 101. Pozzati A, Pancaldi LG, Di Pasquale G, Pinelli G, **Bugiardini R.** A transient decrease in heart rate variability in patients with sudden "ischemic" death during Holter monitoring. *G Ital Cardiol.* 1995;25:725-732.
 102. **Bugiardini R,** Borghi A, Pozzati A, Ruggeri A, Puddu P, Maseri A. Relation of severity of symptoms to transient myocardial ischemia and prognosis in unstable angina. *J Am Coll Cardiol.* 1995;25:597-604.
 103. Di Clemente D, Borghi A, Morgagni GL, Costa GM, Rusticali G, **Bugiardini R.** Myocardial infarct with normal coronary vessels: an association with dysfunction of the coronary microcirculation. *Cardiologia.* 1994;39:827-834.
 104. Cordioli E, Tondini C, Pizzi C, **Bugiardini R.** Exudative pericarditis with pleural plaques caused by exposure to asbestos, resolved with steroidal treatment. *Minerva Med.* 1994;85:555-559.
 105. Cordioli E, Pizzi C, Tondini C, Venturi P, Borghi A, Puddu GM, **Bugiardini R.** Cardiac tamponade and rheumatoid arthritis: medical approach or pericardiectomy?. *Minerva Med.* 1994;85:395-401.
 106. Loricchio ML, Di Clemente D, Saccone V, Caccamo L, Borghi A, **Bugiardini R.** An analysis of the variability of the heart rate and its significance in the risk stratification of patients with unstable angina. *Cardiologia.* 1994;39:335-343.
 107. Pelliccia F, Borghi A, Ruggeri A, Cianfrocca C, Morgagni GL, **Bugiardini R.** Changes in pulmonary hemodynamics predict benefits in exercise capacity after ACE inhibition in patients with mild to moderate congestive heart failure. *Clin Cardiol.* 1993;16:607-612.
 108. **Bugiardini R,** Borghi A, Pozzati A, Ottani F, Morgagni GL, Puddu P. The paradox of nitrates in patients with angina pectoris and angiographically normal coronary arteries. *Am J Cardiol.* 1993;72:343-347.
 109. **Bugiardini R,** Pozzati A, Ottani F, Morgagni GL, Puddu P. Vasotonic angina: a spectrum of ischemic syndromes involving functional abnormalities of the epicardial and microvascular coronary circulation. *J Am Coll Cardiol.* 1993;22:417-425.
 110. Cianfrocca C, Sabia R, Zoboli S, **Bugiardini R.** The development of tolerance to continuous transdermal nitroglycerin therapy in patients with angina of effort and mixed angina. *G Ital Cardiol.* 1993;23:439-449.
 111. Pozzati A, **Bugiardini R,** Borghi A, Ottani F, Morgagni GL, Puddu P. Regional coronary blood flow in patients with acute myocardial infarct treated by systemic fibrinolysis. *Cardiologia.* 1992;37:793-795.
 112. Cianfrocca C, Pelliccia F, Borghi A, Venturi P, **Bugiardini R,** Puddu P. The relationship between anomalies in the autonomous nervous system and left ventricular dysfunction in patients with hypertrophic cardiomyopathy. *Cardiologia.* 1992;37:739-741.
 113. Pozzati A, **Bugiardini R,** Ottani F, Morgagni GL, Puddu P. The differentiated effects of fibrinolysis on the coronary flow in patients with unstable angina. *G Ital Cardiol.* 1992;22:835-841.
 114. Pozzati A, **Bugiardini R,** Borghi A, Ottani F, Muzi A, Morgagni G, Puddu P. Transient ischaemia refractory to conventional medical treatment in unstable angina: angiographic correlates and prognostic implications. *Eur Heart J.* 1992;13:360-365.
 115. Pozzati A, **Bugiardini R,** Ottani F, Morgagni GL, Puddu P. Coronary hemodynamic effects of systemic thrombolysis in patients with unstable angina. *Clin Cardiol.* 1992;15:88-92.

116. **Bugiardini R**, Borghi A, Sassone B, Pozzati A, Puddu P. Prognostic significance of silent myocardial ischemia in variant angina pectoris. *Am J Cardiol*. 1991;68:1581-1586.
117. **Bugiardini R**, Pozzati A, Borghi A, Morgagni GL, Ottani F, Muzi A, Puddu P. Angiographic morphology in unstable angina and its relation to transient myocardial ischemia and hospital outcome. *Am J Cardiol*. 1991;67:460-464.
118. Ottani F, **Bugiardini R**, Morgagni GL, Pozzati A, Borghi A, Puddu P. Variant angina which interacts with two phenomena: local hypersensitivity and abnormal response in the coronary tree to vasoconstrictor stimuli. *Cardiologia*. 1990;35:375-385.
119. **Bugiardini R**, Borghi A, Morgagni G, Pozzati A, Ottani F, Nicolini FA, Puddu P. ST/HR slope during prostacyclin treatment: an improved method to identify patients with advanced coronary artery disease. *Eur Heart J*. 1989;10:991-997.
120. Pozzati A, Morgagni GL, Ottani F, **Bugiardini R**, Lenzi S, Puddu P. Abnormal coronary response to vasomotor stimuli: analogies between variant angina and X syndrome. *Cardiologia*. 1989;34:411-418.
121. **Bugiardini R**, Borghi A, Biagetti L, Puddu P. Comparison of verapamil versus propranolol therapy in syndrome X. *Am J Cardiol*. 1989;63:286-290.
122. Galvani M, **Bugiardini R**, Ferrini D, Tollemeto D, Puddu P. Angina of effort with a variable threshold: a unique entity due to different mechanisms?. *G Ital Cardiol*. 1988;18:97-103.
123. Ferramosca B, Bianchi D, Serra D, Savini R, Villecco AS, **Bugiardini R**. Cardiologial findings in acromegaly. *Minerva Med*. 1987;78:1813-1821.
124. Grauso F, Biagi G, Puddu P, **Bugiardini R**, Capelli M, Coccheri S. Effects of iloprost (ZK 36374), a prostacyclin derivative, on platelet function after ischaemic exercise in patients with stable angina pectoris. *Thromb Res*. 1987;48:131-143.
125. **Bugiardini R**, Morgagni G, Pozzati A, Ottani F, Borghi A, Lenzi S, Puddu P. Effect of oral levodopa and carbidopa on coronary spasm in variant angina pectoris. *Am J Cardiol*. 1987;60:489-493.
126. Puddu P, Bertaccini B, **Bugiardini R**. Disorders of the autonomic nervous system in mitral prolapse: facts and opinions. *G Ital Cardiol*. 1987;17:609-612.
127. Borghi A, **Bugiardini R**, Nicolini FA, Biagetti L, Puddu P, Lenzi S. Identification of the severity of coronary lesions by exercise electrocardiography: use of the ST-T segment/heart rate ratio during infusion of prostacyclin. *Cardiologia*. 1987;32:545-551.
128. **Bugiardini R**, Galvani M, Ferrini D, Gridelli C, Tollemeto D, Macri N, Puddu P, Lenzi S. Myocardial ischemia during intravenous prostacyclin administration: hemodynamic findings and precautionary measures. *Am Heart J*. 1987;113:234-240.
129. **Bugiardini R**, Borghi A, Pozzati A, Mucciarella R, Macri N, Puddu P, Lenzi S. Deleterious versus beneficial effects of prostacyclin in patients with coronary artery disease: hemodynamic rationale. *Adv Prostaglandin Thromboxane Leukot Res*. 1987;17A:430-434.
130. Nicolini FA, Puddu GM, **Bugiardini R**. Serum concentrations of digoxin: applications and limitations in clinical evaluations. *Clin Ter*. 1986;119:263-268.
131. Bugiardini R, Galvani M, Ferrini D, Gridelli C, Mari L, Puddu P, Lenzi S. Effects of iloprost, a stable prostacyclin analog, on exercise capacity and platelet aggregation in stable angina pectoris. *Am J Cardiol*. 1986 Sep 1;58(6):453-9. PMID: 2428231
132. **Bugiardini R**, Chierchia S, Davies G, Crea F, Lenzi S, Maseri A. Differential transmymocardial platelet behavior in response to pacing and ergonovine-induced myocardial ischemia. *Am Heart J*. 1986;112:255-262.
133. Lenzi S, **Bugiardini R**. Clinical use of prostacyclin and its analogs in coronary vasculopathy. *Ann Ital Med Int*. 1986;1:141-151.
134. Ferrini D, **Bugiardini R**, Galvani M, Gridelli C, Tollemeto D, Puddu P, Lenzi S. Opposing effects of propranolol and diltiazem on the angina threshold during an exercise test in patients with syndrome X. *G Ital Cardiol*. 1986;16:224-231.
135. Galvani M, **Bugiardini R**, Ferrini D, Mari L, Gridelli C, Muscari A, Pozzati A, Puddu P. Cold stimulation in exertion angina: clinical and physiopathologic findings. *Cardiologia*. 1986;31:35- 41.
136. Galvani M, **Bugiardini R**, Ferrini D, Gridelli C, Mari L, Pozzati A, Ferramosca B, Puddu P. The relation between myocardial oxygen consumption and ischemia during exertion in patients with angina pectoris: effect of propranolol. *G Ital Cardiol*. 1985;15:1032-1038.
137. Gridelli C, **Bugiardini R**, Ferrini D, Galvani M, Tollemeto D, Borghi A, Puddu P. Changes in angina threshold induced by administration of ergonovine maleate during pacing in patients with chronic exertional angina. *G Ital Cardiol*. 1985;15:942-947.
138. Crea F, Davies G, Chierchia S, Romeo F, **Bugiardini R**, Kaski JC, Freedman B, Maseri A. Different susceptibility to myocardial ischemia provoked by hyperventilation and cold pressor test in exertional and variant angina pectoris. *Am J Cardiol*. 1985;56:18-22.

139. **Bugiardini R**, Galvani M, Ferrini D, Gridelli C, Tollemeto D, Mari L, Puddu P, Lenzi S. Myocardial ischemia induced by prostacyclin and iloprost. *Clin Pharmacol Ther.* 1985;38:101-108.
140. Galvani M, **Bugiardini R**, Ferrini D, Gridelli C, Mari L, Pozzati A, Puddu P. Myocardial ischemia induced by the cold pressor test in patients with exertion angina. Case contribution. *G Ital Cardiol.* 1985;15:567-570.
141. Gridelli C, **Bugiardini R**, Ferrini D, Galvani M, Tollemeto D, Bernardi P, Puddu P. [Acute administration of verapamil in stable angina: increase of the coronary reserve during the exertion test]. *Cardiologia.* 1985 Jun;30(6):449-54. PMID: 3833356
142. Galvani M, **Bugiardini R**, Ferrini D, Gridelli C, Mari L, Puddu P, Lenzi S. Side effects of prostacyclin in patients with angina pectoris and coronary artery disease. *Ric Clin Lab.* 1985;15:145-149.
143. Freedman SB, Chierchia S, Rodriguez-Plaza L, **Bugiardini R**, Smith G, Maseri A. Ergonovine- induced myocardial ischemia: no role for serotonergic receptors? *Circulation.* 1984;70:178-183.
144. **Bugiardini R**, Chierchia S, Crea F, Gallino A, Wild S, Roskovec A, Lenzi S, Maseri A. Evaluation of the effects of catheter sampling for the study of platelet behavior in the pulmonary and coronary circulation. *Am Heart J.* 1984;108:255-260.
145. Crea F, Davies G, Romeo F, Chierchia S, **Bugiardini R**, Kaski JC, Freedman B, Maseri A. Myocardial ischemia during ergonovine testing: different susceptibility to coronary vasoconstriction in patients with exertional and variant angina. *Circulation.* 1984;69:690-695.
146. Corinaldesi R, Stanghellini V, Borghi C, Casadio R, Miglioli M, **Bugiardini R**, Barbara L. Hypersensitivity of gastric parietal cells to selective H2-receptor stimulation in duodenal ulcer. *Hepatogastroenterology.* 1984;31:88-90.
147. Bernardi P, Cavazza M, Grimaldi R, Ghezzi F, **Bugiardini R**. Clinical considerations on the appropriate selection of hypotensive drugs in old age. *Clin Ter.* 1983;107:215-226.
148. **Bugiardini R**, Vinelli S, Bubola G, Pettazzoni P, Puddu P. Ultrastructural changes in myocardial anoxia and reoxygenation. *Boll Soc Ital Biol Sper.* 1982;58:8-14.
149. Zacà F, Cremonesi A, Pagliarani PL, Guelfi P, **Bugiardini R**, Lasagna I, Ghinelli M, Luciani G. Effectiveness of mexiletine in arrhythmia of effort. *Minerva Cardioangiol.* 1981;29:655-660.
150. **Bugiardini R**, Abate G, Biagetti L, Ferrini D, Galvani M, Muscari A, Tisselli A, Vinelli S, Puddu P. Effects of beta-methasone on serum creatine kinase release in acute myocardial infarct. *Minerva Cardioangiol.* 1981;29:77-82.
151. **Bugiardini R**, Ferrini D, Galvani M, Muscari A, Tisselli A, Vinelli S, Puddu P. Relationships between the initial area of necrosis and prognosis of acute myocardial infarct. *G Ital Cardiol.* 1981;11:889-896.
152. **Bugiardini R**, Ferrini D, Gridelli C, Muscari A, Vinelli S, Zaca' F, Puddu P. Markers of necrosis and anoxia in the post-infarct heart failure: determination of infarct size. *G Ital Cardiol.* 1981;11:608-613.
153. Zacà F, Pagliarani PL, Cremonesi A, Costa GM, **Bugiardini R**. Indications, advantages and limitations of ambulatory monitoring of ECG. *G Ital Cardiol.* 1981;10:21-23.
154. **Bugiardini R**, Capelli M, Martinelli M, Muscari A, Tisselli A, Vinelli S, Puddu P. Creatine kinase and myoglobin determination in myocardial infarction (determination of infarct size). *Ric Clin Lab.* 1981;11:51-57.
155. Mattace R, Zacà F, **Bugiardini R**, Puddu P, Lenzi S. Lack of increment of insulin in the blood in reversible cardiogenic shock. *Boll Soc Ital Cardiol.* 1981;26:1391-1394.
156. Martinelli M, **Bugiardini R**, Vinelli S, Puddu P, Bugiardini G, Capelli M, Cocchi V, Motta R. Critical analysis of the radioimmunological methods of determining creatine kinase isoenzyme MB (CK-MB), myoglobin (MG) and of LDH (H4) in ischemic cardiopathy. *Quad Sclavo Diagn.* 1980;16:134-148.
157. **Bugiardini R**, Biagetti L, Cavicchi A, Galvani M, Zacà F, Muscari A, Tisselli A, Vinelli S, Puddu P. Prediction of the infarct size by the serum levels of creatin kinase. A new methodological method. *G Ital Cardiol.* 1980;10:771-776.
158. **Bugiardini R**, Ferrini D, Galvani M, Gridelli C, Muscari A, Tisselli A, Vinelli S, Mattace R, Puddu P. Glycolytic enzymes in post-infarct cardiac decompensation. *Boll Soc Ital Cardiol.* 1980;25:1373-1379.
159. **Bugiardini R**, Biagetti L, Ferrini D, Galvani M, Gridelli C, Muscari A, Tisselli A, Vinelli S, Puddu P. Protective effect of glucose and pyruvate in ischemia and reperfusion. *Boll Soc Ital Cardiol.* 1980;25:1063-1067.
160. **Bugiardini R**, Ferrini D, Galvani M, Gridelli C, Tisselli A, Puddu P. The protective effects of glucose in ischaemia, anoxia and reoxygenation. *G Ital Cardiol.* 1980;10:1471-1481.
161. Bernardi P, Pecoraro F, Bastagli L, Andalò A, **Bugiardini R**, Cuccurullo F. Sympatho- adrenergic effects on renal acidification processes. *Minerva Nefrol.* 1979;26:521-530.
162. Bernardi P, Alessandrini G, Pecoraro F, Costantini G, Camurri M, **Bugiardini R**, Puddu P. Renal control of water-electrolyte metabolism in the female climacteric. *G Clin Med.* 1979;60:691-712.
163. Stefoni S, Campieri C, **Bugiardini R**, Biagetti L, Perini L. Value of the determination of alkaline

phosphatase isoenzymes in patients undergoing periodic hemodialytic treatment. *Minerva Nefrol.* 1979;26:173-176.

164. Puddu P, Costantini G, **Bugiardini R**, Bertaccini B, Zappaterra F, Lazzari A, Muscari A. Echocardiographic study of the septum and posterior wall in typical and intermittent Wolff- Parkinson-White syndrome. *Boll Soc Ital Cardiol.* 1979;24:931-939.
165. Puddu P, Bernardi P, **Bugiardini R**, Costantini G, Ferrini D, Galvani M, Martinelli M, Muscari A, Tisselli A, Abate G, Mattace R. Early estimation of serum liberation of creatine kinase by means of a logistic equation. *Boll Soc Ital Cardiol.* 1979;24:1307-1313.
166. Puddu P, Costantini G, Bertaccini B, Zappaterra F, Cuccurullo F, Lazzari Agli A, Tisselli A, **Bugiardini R**. Echocardiographic aspects of the aortic valve in mitral valve diseases. *Boll Soc Ital Cardiol.* 1979;24:1083-1089.
167. Puddu P, Bernardi P, **Bugiardini R**, Costantini G, Galvani M, Martinelli M, Muscari A, Tisselli A, Vinelli S, Mattace R. Extension of the infarction area and prognosis of acute myocardial infarct: correlations with clinical and biohumoral parameters. *Boll Soc Ital Cardiol.* 1979;24:1073-1082.
168. Bugiardini G, Motta R, Tolomelli M, Golinelli N, Biagetti L, **Bugiardini R**. A Study of the enzymes of the alkaline phosphatase in commercial sera. *Quad Sclavo Diagn.* 1978;15:291-299.
169. Puddu P, **Bugiardini R**, Costantini G, Galvani M, Lenzi S. The gamma-glutamyltransferase (GGT) isoenzymes in human serum. *Quad Sclavo Diagn.* 1978;14:129-136.
170. Burlina A, **Bugiardini R**. Studies on alkaline phosphatase isoenzymes in hepatic diseases. Relation to gamma-glutamyltransferase. *Clin Chim Acta.* 1978;85:49-54.
171. Puddu P, **Bugiardini R**, Costantini G, Lenzi S. The glycolytic enzymes in acute myocardial infarct. *Boll Soc Ital Cardiol.* 1978;23:749-754.
172. Burlina A, **Bugiardini R**. Alkaline phosphatase isoenzymes in liver cirrhosis. *Enzyme.*
a. 1978;23:121-126.
173. Puddu P, Costantini G, **Bugiardini R**, Motta R, Vinelli S, Bertaccini B. Proposal for evaluation of the infarction area by computable analysis. *Boll Soc Ital Cardiol.* 1977;22:695-703.
174. Costantini G, **Bugiardini R**, Bertaccini B, Zappoli F, Puddu P. Echocardiographic study of changes in myocardial contractility induced with 3',5'-cyclic AMP. *Boll Soc Ital Cardiol.* 1977;22:1291-1296.
175. Puddu P, **Bugiardini R**, Costantini G, Cucco MP, Muscari A, Uva S, Lenzi S. Effects of 3',5'- cyclic AMP on some enzyme activities of the human myocardium. *Boll Soc Ital Cardiol.* 1977;22:687-693.
176. **Bugiardini R**, Tavoni F, Cirelli D, Favaro W, Burlina A. Electrophoretic fractionation on cellulose acetate, heat denaturation and treatment with neuraminidase for identification of alkaline phosphatase isoenzymes. *G Clin Med.* 1975;56:57-72.