

Academic Bio Sketch, actual on November 25th, 2019

DR ALEXANDER KHARLAMOV MD FESC FACC FEACVI

Gender: Male

Birth date: May 21st 1981 (according to Russian ID)

Birth place: Sverdlovsk (USSR/ Russia; according to Russian ID)

Nationality: Russia (since Jun 4th 1997)

Russian ID: 713021184 (valid till Jan 20th 2021), **Dutch BSN:** 6778.86.767 (since Oct 21st 2009)

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Fax: +31-87-7842273

Current post address in Russia: Serova street 42, Degtyarsk 623270, Sverdlovsk oblast, Russia

Post address in the Netherlands: DHRF, Keurenplein 41, Box G9950, 1069CD Amsterdam, Nederland

Status in the Netherlands (since June 2019): a self-employed person (zzp'er), passed Basisexamen Inburgering (Aug 2019-Aug2020), a DBA-model-contract-ready.

Summary:

Dr Kharlamov has 23 years of the clinical experience in general cardiology (since 1996; a Consultant Physician since 2007; a Board-Certified Cardiologist since 2010), 18 years of the translational research in nanomedicine and biomedical engineering (since 2001), and about 12 years of the bench-to-bedside studies in interventional cardiology (a leader of the research group since 2007) including imaging, vascular biology and pathology, RTD of medical devices (bioresorbable scaffolds and stents). He has moved to Russia in his babyhood having American, Dutch and British roots, and has received his M.D. (Doctor of Medicine) cum laude in 2005 from Ural Medical University (Yekaterinburg, Russia). After finishing his internship in internal medicine in 2007 in Ural Institute of Cardiology (mentor - Prof. Jan Gabinsky, Yekaterinburg, Russia) he started as a physician and translational researcher (a group leader as an Assistant Professor) in the field of interventional cardiology and nanobiotechnologies. The main research direction now is an RTD of the multifunctional nanoparticles for theranostics of atherosclerosis. He is an inventor of the revolutionary application which has the potential to replace conventional stenting and CABG. He has passed his C.Sc.-doctoral/ graduate degree course in cardiology (A.B.D.) at the Ural Medical University in 2008-2011. Since 2007-2009 he has been working as a research fellow in some institutes in the Netherlands (UMC St Radboud, Nijmegen; UMCG, Groningen; Erasmus MC, Rotterdam including mentorship of the renowned Prof. Patrick Serruys). He is an author of more than 60 articles and grant proposals for the European Commission and has received for his research work some national and international awards. Since 2018 he is a FESC, and since 2019 – a FACC and a FEACVI.

Education/ training experience:

<i>Level of education</i>	<i>Experience</i>	<i>Institution and location</i>	<i>Degree</i>	<i>Years</i>	<i>Field of study</i>	<i>Comments</i>
Post-graduate	Accreditation Course (CME) with Certification	Ural State Medical University (USMU), Yekaterinburg, Russia (Yek., RU) (www.usma.ru; FAIMER SCHOOL ID: F0001556); New Hospital, Yek., RU (www.newhospital.ru)	Certificate in Cardiology	2017	<i>Cardiology</i>	Board-certified as a cardiologist since 2017
Doctoral-level courses (highest level)	Ph.D. Fellowship	USMU), Yek., RU; Ural Institute of Cardiology (UIC), Yek., RU (www.cardio-burg.ru)	Certificate of Attendance (no degree)	2008-2011	<i>Cardiology</i>	Mentors: Prof. Jan Gabinsky, M.D., D.Sc., h-index 2 (Ural Institute of Cardiology), and Prof. Vladimir Shur, D.Sc., h-index 25 (Modern Nanotechnologies, Ural Federal University); Ph.D. thesis " <i>Regression of atherosclerosis below Glagov threshold</i> "

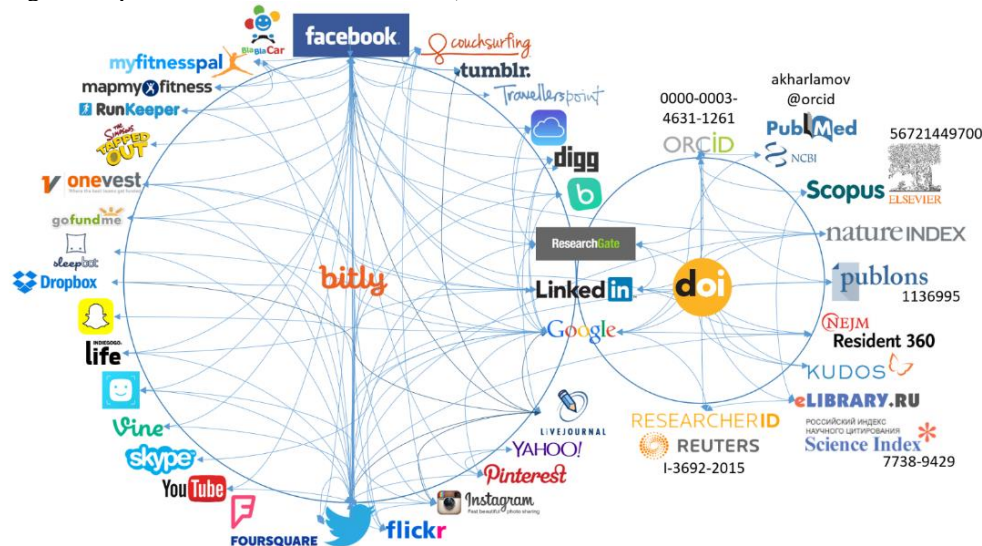
						<i>as new target for theranostic atheroprotective strategy of coronary progressive atherosclerosis: evolution of technologies from statin drugs and noninvasive imaging to bioresorbable scaffolds, nanoformulations and hi-tech intravascular imaging of coronary pool</i> was not defended (A.B.D., ‘all-but-dissertation’ with GPA 5.00/5.00: the dissertation was vetted and stuck by the Russian Intelligence Service (thesis will be published as a Book). Exam in cardiology passed in 2010.
Post-graduate	Clinical Internship with Certification	USMU, Yek., RU; UIC, Yek., RU	Certificate in Internal Medicine	2006-2007	<i>Internal Medicine</i>	Board-certified as a physician in internal medicine since 2007
University degree	M.D. Scholarship	USMU, Yek., RU	M.D.	1999-2005	<i>General Medicine</i>	GPA 4.92/5.00, 98.4% (Magna Cum Laude); ECFMG ID: 1-015-116-5 (ECFMG/ USMLE is not completed yet)

Fellowships/ scholarships (post-graduate level courses):

- 1) Research fellowship in *Interventional Cardiology* (2011-2013): Department of Interventional Cardiology of Erasmus MC, Imaging CoreLab of CRO Cardialysis B.V. (Rotterdam, The Netherlands; mentor – Prof. Patrick Serruys, M.D., Ph.D., h-index 119) by the Grant of Prokhorov Foundation (Russia) and industrial scholarship support of Envision Scientific Private Limited (Surat, India).
- 2) Research fellowship in *Cardiovascular Translational Biomedicine* (2009-2010): Department of Pharmacology and Toxicology of Radboud UMC (Nijmegen, The Netherlands; mentors – Prof. Paul Smits, M.D., Ph.D., h-index 44) by the Research Grant of the European Society of Cardiology.

Networking and Work experience:

Available in LinkedIn ([linkedin.com/in/drkharlamov](https://www.linkedin.com/in/drkharlamov)) and ResearchGate (https://www.researchgate.net/profile/Alexander_Kharlamov4).



The latest positions (check out the attached LinkedIn profile for details):

2019 – curr, Founder, C.E.O., Independent researcher in interventional cardiovascular biomedicine (self-employed), De Haar Research Task Force (aka De Haar Research Foundation), Rotterdam, The Netherlands (NL)

2018 – 2019, Chief Research Officer (Director for Science and Clinical Practice), Attending Cardiologist, Department of Internal Medicine, Transfiguration Clinic, Yekaterinburg (Yek.), Russia (RU)

2018 – curr, Attending Cardiologist-Intensivist at ICU, Department of Cardiology, Department of Neurology and Stroke Center, Central Municipal Hospital, Transfiguration Clinic, Yek., RU

2013 – 2017, Freelance Researcher in Translational Cardiology, Yek., RU

2013 – 2013, Interim Chief Research Officer, Ural Institute of Cardiology, Yek., RU

2012 – 2013, Freelance Medical Advisor, Center for Modern Nanotechnologies, Ural Federal University, Yek., RU

2011 – 2013, Research Fellow, Visiting Researcher in Interventional Cardiology, Erasmus MC, Rotterdam, NL

2010 – 2015, Lecturer, Ural Medical University, Yek., RU

2009 – 2010, Visiting Researcher in Translational Cardiology, Radboud UMC, Nijmegen, NL

2001 – 2011, Translational Research Manager, Freelance Scientific Assistant to C.E.O., Clinician, Ural Institute of Cardiology, Yek., RU

2005 – 2009, C.E.O., Eurolux, Yek., RU

2008 – 2009, Therapist (General Practitioner), Ekaterinburg Koltsovo Airport, Yek., RU

Research interests:

- General and interventional cardiology
- Coronary devices, bioresorbable scaffolds
- Cardiorenal syndrome, and brain-heart-kidney axis
- Intravascular (QCA, IVUS, OCT, NIRS, hybrid) and non-invasive imaging (CT) of coronary arteries
- Nanomedicine, biomedical engineering
- Translational cardiovascular biomedicine, models of atherosclerosis in animals
- Public health administration, clinical trials management
- Epidemiology of cardiovascular burden, risk factors, cardiovascular advocacy and politics
- Philosophy of science (consciousness, whole brain emulation/ mind transfer, transhumanism, singularitarianism, sexuality, biomedical advocacy and ethics)

Publications:

h-index = 8. The publication profile is available in ResearchGate, PubMed (akharlamov@orcid), ORCID (0000-0003-4631-1261), ResearcherID (I-3692-2015), Russian Science Index (7738-9429), and Scopus (56721449700). The editorial/ reviewer profile (Local editorial board member in EuroIntervention in 2011-2013, member of the International Editorial Board in European Heart Journal in 2013-2015, consulting editor in both Cardiovascular Diagnosis and Therapy in 2013-2017, and International Journal of Nanomedicine since 2013), member of the Editorial Board in World Journal of Cardiology (since 2018) is available in Publons (publons.com/a/1136995/).

Memberships:

European Society of Cardiology (since 2006; FESC since 2018), American College of Cardiology (since 2009; FACC since 2019), American Heart Association (since 2009), International Society for Stem Cell Research (since 2009), International Society of Nephrology (since 2009), European Society for Nanomedicine (since 2011), The Society for Cardiovascular Angiography and Interventions (since 2017), World Sleep Society (since 2018), The British Society for Nanomedicine (since 2018), Royal College of Physicians (since 2019), International Society for Cardiovascular Translational Research (since 2019), American Association for the Advancement of Science (since 2019).

Contact

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drskharlamov@gmail.com

www.linkedin.com/in/drskharlamov
(LinkedIn)
www.dhrfpro.com/ (Personal)
www.erasmucmc.nl (Company)
www.pr-clinica.ru (Company)

Top Skills

Interventional Cardiology
Cardiology
Clinical Research

Languages

English C1-C2 (Native or Bilingual)
Medical Latin A2 (Limited Working)
Dutch A2 (Limited Working)

Certifications

Anti-Aging Medicine (CME Course)
Physician, Cardiology (Certificate
of Attendance; 3-year Doctoral/
Graduate Degree Course, Russia)
Functional Diagnostics in Cardiology
(CME Course)
FACC - Fellow of American College
of Cardiology
Ultrasound Cardiovascular Imaging -
TTE (CME Course)

Honors-Awards

Vladimir Potanin Award 2003
Boris Kushelevsky Award 2004
Boris Kushelevsky Award 2005
Best Oral Presentation Award 2007
Travel Grant for ESC Congress 2009

Publications

Dr John Alexander Kharlamov

MD FESC FACC FEACVI

C.E.O. at DHRF | Cardiologist (Non-Invasive, IC, Interventional, Translational) | Innovator | Trialist | Health Advocate and Volunteer | Nanomedicine, Atherosclerosis/ Arterial Remodeling, CV Imaging | Public Health

Amsterdam Area, Netherlands

Summary

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Noble metal nanoparticles for plasmonic photothermal therapy of atherosclerosis

Plasmonic photothermal therapy of atherosclerosis with nanoparticles: long-term outcomes and safety in NANOM-FIM trial

Freeing the vessel from metallic cage: what can we achieve with bioresorbable vascular scaffolds?

Vitamin D in the Treatment of Cardiorenal Syndrome in Patients With Chronic Nephropathy

Chapter 23 – Translational Exploration and Clinical Testing of Silica–Gold Nanoparticles in Development of Multifunctional Nanoplatform for Theranostics of Atherosclerosis

Experience

De Haar Research Task Force (DHRF)

Chief Executive Officer and Founder, Freelance Researcher

February 2013 - Present

Amsterdam Area, Netherlands

I am a Founder and Executive manager of the Task Force/ DHRF (aka De Haar Research Foundation). The idea of DHRF was initially born on February 15th, 2013 in Rotterdam. The Task Force nowadays develops and supports innovations in interventional cardiology, medical device development, intracoronary/ intravascular and non-invasive imaging (QCA, IVUS, OCT, CTA, photoacoustics), biomedical engineering, neurophysiology, PET-imaging, and nanobiomedicine (multifunctional nanoparticles for theranostics of atherosclerosis). The DHRF provides starts-ups and small enterprises in the United States and countries of the Commonwealth of Nations to represent and promote their biomedical business in Europe as well as assist with the relevant translational and clinical studies including CE mark procedures. The DHRF currently is the self-employed business located in Amsterdam and Rotterdam, the Netherlands with ambitions of the further development and expansion inside the Lowlands and in the United States.

Department of Health of the Municipal Administration of Yekaterinburg

Consultant Cardiologist of ICU at Central Municipal Hospital

January 2018 - Present

Yekaterinburg, Russia

I am a Consultant Cardiologist (Attending Cardiologist) of the Cardiac Intensive Care Unit (ICU) at the Department of Cardiology and Department of Neurology of the Central City Hospital (<https://xn--7-7sbc2aomf1e8b.xn--80acgfbsl1azdqr.xn--p1ai/>) in Yekaterinburg city, Russia (from 78 to 170-180 hours a month) combining this practice with the consultancy at the Outpatient Department (up to 80 hours a month) and/ or Private Medical Center (from 44 up to 120-130 hours a month; <http://www.pr-clinica.ru/kardiologiya>). It takes up to 60% of time. The administrative (deputy director for clinical practice and science in multidisciplinary institution) and research responsibilities (translational research in interventional cardiovascular biomedicine and nanobiotechnology) take at least 40% of the time.

AME Publishing Company

Member of the Editorial Board of Annals of Translational Medicine

July 2019 - Present

Rotterdam Area, Netherlands

Annals of Translational Medicine (Ann Transl Med; ATM; Print ISSN 2305-5839; Online ISSN 2305-5847) is an international, peer-reviewed open access journal published biweekly which is indexed in PubMed in Sept 2014 and in SCIE in 2018. The journal has a mission to publish original and critical research articles in the broad fields of laboratory, clinical, and public health research. With a focus on interdisciplinary academic cooperation, ATM aims to expedite the translation of scientific discovery into new or improved standards of management and health outcomes practice.

Baishideng Publish Group

Member of the Editorial Board of World Journal of Cardiology

January 2018 - Present

Pleasanton, CA, USA

The objective of the World Journal of Cardiology is to disseminate academic research findings and innovative ideas, in order to promote academic exchanges, lead academic development, and cultivate academic teams throughout the field.

The mission of the Editor as a World Journal of Cardiology Editorial Board member is to conduct peer review of manuscripts and track the quality of published articles. More importantly, as a World Journal of Cardiology Editorial Board member I should contribute different types of high-quality articles to the journal, including original articles, reviews, minireviews and editorials, or invite high-quality articles through your own academic influence.

The Science Advisory Board

Scientific Advisor

February 2016 - Present

Yekaterinburg, Russia

The Science Advisory Board connects a global network of research, development, and manufacturing professionals to collaborate on shaping the future of scientific technology. Members share their knowledge and experience with the community, advise and consult leading life science companies, and earn rewards for their engagement. Membership is free of charge, no advertising is accepted or displayed, and we will never transfer your personal information to third parties.

Transfiguration Clinic

Consultant Cardiologist

May 2018 - September 2019 (1 year 5 months)

Yekaterinburg, Russia

I am an Attending Cardiologist in Outpatient Clinic with a consultancy in General and Interventional Cardiology, Sleep Medicine, Ageing/ Longevity Medicine

Dove Medical Press

Consulting Editor of the International Journal of Nanomedicine

April 2015 - August 2019 (4 years 5 months)

Yekaterinburg, Russia

Optimization of the peer-review process with the validation of the priority for the submitted manuscripts and selection of the reviewers including peer review revisions of the chosen manuscripts.

Transfiguration Clinic

Chief Research Officer (Director for Science and Clinical Practice)

July 2018 - July 2019 (1 year 1 month)

Yekaterinburg, Russia

I am covering four sectors of the R&D: 1) Internal sector (interactive seminars, lectures), 2) Public sector (dissemination), 3) Professional sector (meetings, clinical trials), and 4) International sector (conferences, publications, communication with the Foreign services, preclinical and clinical studies). The main research focus is on the internal medicine, translational medicine including translational cardiology, interventional cardiovascular biomedicine, biomedical engineering, and nanomedicine.

Center for Heart and Vessels of the First Sverdlovsk Regional Clinical Hospital

Clinical Fellow in Cardiology

September 2017 - December 2017 (4 months)

Yekaterinburg, Russia

This is a 3-month Clinical Fellowship by the Accreditation Course in Cardiology (500 hours) with a Certification at the Ural Medical University (Yekaterinburg, Russia) between Sep 4, 2017 and Dec 9, 2017.

AME Publishing Company

Editorial Consultant of Cardiovascular Diagnosis and Therapy Journal

October 2012 - July 2017 (4 years 10 months)

Rotterdam Area, Netherlands

I act as an editorial consultant for a Journal Cardiovascular Diagnosis and Therapy (CDT); (Print ISSN: 2223-3652; Online ISSN: 2223-3660) which accepts basic and clinical science submissions related to Cardiovascular Medicine and Surgery.

Oxford University Press

Member of the International Editorial Board - European Heart Journal
September 2013 - April 2016 (2 years 8 months)

The peer reviewer and member of the International Editorial Board with a expertise in general and interventional cardiology, options of atherosclerosis, lipid-lowering strategies, transient scaffolding with bioresorbable scaffolds, imaging and new technologies in biomedical engineering including nanomedicine.

Ural State Medical University

Visiting Lecturer

July 2010 - December 2015 (5 years 6 months)

Yekaterinburg, Russia

Linguistic medical education, and Research Grant Writing at the University Educational Center "Perspective"

GLG - Gerson Lehrman Group

Council Member

April 2013 - May 2015 (2 years 2 months)

Consultations in general and interventional cardiology, nanomedicine, medical devices and lipid-lowering/ atheroprotective interventions.

Healthcare Advisors Bureau

Advisor

August 2009 - May 2015 (5 years 10 months)

Rotterdam Area, Netherlands

Healthcare advising service in general and interventional cardiology, medical devices and lipid-lowering strategies.

Vani Devices

Proctor

February 2013 - May 2013 (4 months)

Proctor of Software for Interventional Cardiology and Cardiac Surgery (QCA, IVUS, OCT, TAVI) of Pie Medical, Maastricht, Limburg, The Netherlands.

Ural Institute of Cardiology
Associate Chief Research Officer
February 2013 - May 2013 (4 months)
Yekaterinburg, Russia

Scientific Assistant to C.E.O., Associate C.R.O., an acting head of the Division of Interventional Cardiology and Nanomedicine of the Ural Institute of Cardiology; expertise in translational research medicine and cardiology with focus on interventional vascular medicine and nanotechnologies; collaboration with governmental authorities including Ministry of Public Health, Office of the Russian President, General Prosecutor Service, and Federal Security Service.

Ural Federal University
Visiting Medical Advisor of Center of Shared Use "Modern nanotechnology"
October 2012 - May 2013 (8 months)
Yekaterinburg, Russian Federation

Freelance unpaid medical advisor with scientific expertise in general and interventional cardiology, nanomedicine and biotechnologies within project NANOM-FIM, NIRVANA and development of new nanotechnologies for cardiology in cooperation with Prof. Vladimir Shur (Ural Federal University, Yekaterinburg). Available technologies: microscopy NTEGRA, scanning probe microscopy, AFM, scanning electron microscopy, low-voltage electron microscopy LVEM5, particle size and zeta-potential analysis, specific surface area analysis, thermogravimetric analysis, gas chromatography, chromatomass-spectrometer. atomic-emission spectrometer, atomic absorption spectrometer, Fourier transform infrared spectrometer, spectrofluorometer, X-ray fluorescence, magnetometry, laser system for material processing (laser ablation).

PCR
Local Associate Member of the Editorial Board of EuroIntervention J
November 2011 - April 2013 (1 year 6 months)
Rotterdam Area, Netherlands

A local associate member of the Editorial Board with expertise on emerging technologies, biotechnology, bench studies and nanomedicine. Editor-in-chief: Prof. Patrick Serruys.

Erasmus MC
Research fellow in Interventional Cardiology and Nanomedicine
October 2011 - February 2013 (1 year 5 months)
Rotterdam, The Netherlands

Unpaid research fellow in Interventional Cardiology and Nanomedicine under the supervision of Prof. Patrick Serruys, Department of Interventional Cardiology, Rotterdam University Medical Center (Erasmus MC), Rotterdam, The Netherlands by the grant of Prokhorov Foundation (Russia) and Envision Scientific Ltd (India). Involved to the imaging analysis (QCA, IVUS, OCT, NIRS, histology of coronaries; Medis and Pie Medical software) of the family of ABSORB trials (transient scaffolding with bioresorbable scaffolds Absorb BVS vs EES XIENCE V), paper writing, grant writing (6 projects) for the European Commission, management of the clinical trials and translational research in the interventional cardiovascular biomedicine, RTD development of the novel medical devices and nanobiotechnologies for the needs of interventional cardiology, analysis of the histopathology of atherosclerosis (animal models of atherosclerosis) and pathomorphology of cardiovascular diseases. The collaboration was supported by Cardialysis B.V. as the outsourcing contract research organization and expert CoreLab for QCA, IVUS and OCT analysis with a specific focus in the field of the intravascular imaging and interventional cardiology. There was an experience with the executive management of the CoreLab for intravascular imaging in interventional cardiology (QCA, IVUS, OCT).

Ural Institute of Cardiology

Visiting Translational Research Manager, Scientific Assistant to C.E.O.
September 2001 - February 2013 (11 years 6 months)

Yekaterinburg, Russian Federation

Translational Research Manager in General and Interventional Cardiology, Nanomedicine, Molecular Biology and Biomedical Engineering. Since Sep 2005 and thru Sep 2011 was a Head and Founder of the Department of Science, Ural Institute of Cardiology, Yekaterinburg, Russia.

Envision Scientific Pvt. Ltd

Medical Advisor

March 2012 - November 2012 (9 months)

A medical advisor with management of NANO FIM study of the stent with nano-formulation of the anti-proliferative drug with restricted funding of the research fellowship in Erasmus MC

Ural Institute of Cardiology

Research Fellow in Cardiology

September 2008 - August 2011 (3 years)

Yekaterinburg, Russian Federation

Ph.D.-like Research Fellow in Cardiology (special focus on translational and interventional cardiology, QCA and IVUS analysis) and Nanomedicine under supervision of Prof. Jan Gabinsky (Ural Institute of Cardiology; Department of Cardiology of the Ural Medical University) and Prof. Vladimir Shur (Nanocenter of the Ural Federal University). Russian Ph.D.-like program (Candidate of Science [C.Sc.] in Medicine doctoral degree program - Aspirantura) was completed in 2011 (GPA - 5.00) without further defense of C.Sc.-dissertation (A.B.D.) at Ural Institute of Cardiology/ Ural Medical University, www.cardio-burg.ru, www.usma.ru. The dissertation was vetted and stuck by the Russian Intelligence Service (FSB) without justification (e.g. of such an oppression of science might be appreciated by the link <http://bit.ly/1Nif1DH> [manuscript in Nature]). The scientific achievements were interpreted and classified as 'controlled' technologies.

Radboudumc

Research fellow in Pharmacology and Translational Cardiology
October 2009 - October 2010 (1 year 1 month)

Nijmegen, The Netherlands

Research fellow in Pharmacology and Cardiology under supervision of Dr. Gerard Rongen, Prof. Frans Russel and Prof. Paul Smits. The project was funded by the Research grant of the European Society of Cardiology. Two projects have been running: Project 1: Dipyridamole Limits Ischemia-Reperfusion Injury and Protects Myocardium in CABG Patients (blood sampling, clinical outcomes, ex vivo right atrial appendage model with the organ bath system, clinical trial management with analysis of contractile recovery after simulated ischemia and reperfusion, concentration of dipyridamole in tissue and blood; in a subset of patients: adenosine transport, activity of phosphodiesterase, binding on membrane, intracellular accumulation, morphology) and in Animal Models; Project 2: Post-treatment Effects of Dipyridamole on Nucleoside Transport Inhibition. Instrumental and analytical skills: manipulations with blood, HPLC (RP, SEC, IEC, HIC), FPLC, LC-MS/MS, ELISA, Fluorescence Spectroscopy, DLS, AFM, TEM, Analytical Ultracentrifugation, Flow Cytometry.

Euroluxe

Chief Executive Officer

October 2005 - August 2010 (4 years 11 months)

Yekaterinburg, Russian Federation

Legal business with expertise in public health and civics. Euroluxe is a maternal company of the Legal Consortium that consists of five companies in the different fields of Law.

Moscow State University

Research Fellow in Stem Cell Biology and Regenerative Medicine

August 2009 - September 2009 (2 months)

Research fellow at the sabbatical research and educational program in stem cell biology and regenerative medicine under the mentorship of Dr. Alexander Tatarintzev within the products of Beckman Coulter including flow cytometry, FACS, centrifugation, liquid handling, cell counting, sizing, viability, and nucleic acid sample preparation.

University Medical Center Groningen

Junior Research Fellow in Experimental Nephrology and Transplantology

June 2009 - July 2009 (2 months)

Junior Research Fellow in experimental nephrology and renal transplantology during Summer School on transplantology and short-term ISCOMS research project at the Department of internal medicine under supervision of Prof. Gerian Navis with a focus on CMV in Tx patients, vitamin D receptor polymorphism, activity and expression associated with kidney allograft rejection and survival.

Matrix Pharmaceutical Research

Clinical Research Associate II

September 2008 - December 2008 (4 months)

Moscow, Russian Federation

Vaccines, cardiology, oncology by the flu vaccine project of GSK Russia.

Ekaterinburg Koltsovo Airport

Therapist (Consultant Physician)

February 2008 - September 2008 (8 months)

Yekaterinburg, Russian Federation

Therapist/ General Practitioner at the Aviation Medical Center including supervision of the Occupational Pathology Center and Food Catering Center of the international airport. Developed individual program for women to resist chronic stress and manage depression.

Ural State Medical University

Researcher in Experimental and Clinical Cardiology and Nephrology

September 2001 - September 2008 (7 years 1 month)

Yekaterinburg, Russian Federation

Nanomedicine, stem cell biology, biomedical engineering - bench and bedside studies with the general lab skills, rat models, stem cell sorting (FACS), cultivation, and culturing, manipulations with the commercially available nanoparticles, generation of tubular grafts, fabrication of cardiac patches.

Yekaterinburg Municipal Ambulance

Ambulance Car Cardiac Physician

September 2007 - February 2008 (6 months)

Yekaterinburg, Russian Federation

Ambulance car cardiac physician at the specialized cardiac medical transport team

Ural Institute of Cardiology

1 year

Acute Care Unit Physician

January 2007 - August 2007 (8 months)

Yekaterinburg, Russian Federation

Acute care unit physician at the Department of Acute Cardiac Care

Clinical Fellow and Internist in Internal Medicine

September 2006 - August 2007 (1 year)

Yekaterinburg, Russian Federation

After completion of M.D. program in 2005 (M.D. granted by Ural State Medical Academy - University, Yekaterinburg, Russia; GPA - 4.92/5.00), Clinical Internship was focused on Internal Medicine, Therapeutics, Psychiatry and General Cardiology (special focus on interventional cardiology with an experience of the QCA and IVUS interpretation) at Ural Institute of Cardiology. The Certificate of the Specialist (Therapist) was granted in 2007 by Ural Medical University, www.usma.ru.

University Medical Center Groningen

Junior Research Fellow in Experimental Surgery

June 2007 - June 2007 (1 month)

Junior research fellow in experimental surgery and transplantology within a short-term (2 weeks; 80 hours) ISCOMS fellowship under supervision of Dr. Henri Leuvenink with an experience of the NHB-III kidney Tx animal model testing normothermic recirculation at the preservation stage with a hypothesis that NR of a warm ischemia damaged donor kidney can partly

repair tissue injury/ prevent further damage and yield superior outcome after cold preservation and transplantation, and a 1 or 2 hr period of normothermic, autologous recirculation directly after a 15' or 30' WI insult to a rat donor kidney leads to better short term graft function after 24 h CS preservation and transplantation, as compared to controls without the intervention of NR. We have performed literature search and analysis, taking part in Brain death experiment, preparing IPK solutions, lab course, essentials of the Central Animal Facility, 2x rat nephrectomy, living donor nephrectomy, histology rat kidneys –cutting slices and HE staining, processing rat urine samples, meeting kidney donor, problems of kidney and liver transplantation, protein analysis on rat urine samples, IPK experiment.

Ural Institute of Cardiology

Junior Clinical and Research Fellow in General Cardiology

July 1996 - September 2006 (10 years 3 months)

Yekaterinburg, Russia

I have been developing my clinical and research skills as well as clinical knowledge since the age of the Secondary School as an assistant physician.

Ingosstrakh

Liaison and Medical Advisor

September 2005 - May 2006 (9 months)

Yekaterinburg, Russian Federation

A liaison and medical advisor of the Call Center at the Department of the Medical Insurance with a decision-making validation of the medical cases.

Novartis

Associate Medical Representative

September 2004 - April 2005 (8 months)

Moscow, Russian Federation

Medical Representative in Yekaterinburg - division of cardiology and therapeutics

Unichem Laboratories Limited

Medical Representative

September 2002 - September 2004 (2 years 1 month)

Medical representative in cardiology and general medicine; outpatient departments, hospitals, drug-stores, key opinion leaders in Yekaterinburg and Moscow

Center for Heart and Vessels of the First Sverdlovsk Regional
Clinical Hospital
Junior Clinical Fellow in Interventional Cardiology and Cardiac Surgery
September 2002 - March 2003 (7 months)
Yekaterinburg, Russian Federation

Junior clinical fellow in interventional cardiology and cardiac surgery at the
Center of Heart and Vessels of the First Sverdlovsk Oblast Hospital under the
supervision of Dr. Dmitry Chernyshov and Prof. Eugene Rozhdestvenskaya
with the main research focus on cosmophysical and biorhythmic factors in
patients with acute coronary syndrome, coronary QCA and BMS stenting of
coronary and renal arteries at the CathLab.

Education

Ural State Medical University
Postgraduate Education, Cardiology · (2017 - 2017)

Erasmus University Rotterdam
Research Fellowship, Interventional Cardiology, Biomedical Engineering,
Nanomedicine · (2011 - 2013)

Ural State Medical University
Research Fellowship, Cardiology · (2008 - 2011)

Radboud University Nijmegen
Research Fellowship, Cardiovascular Translational Medicine · (2009 - 2010)

Ural State Medical University
Internship, Internal Medicine · (2007 - 2008)

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Education

- Sep 2017 – Dec 2017* **Ural Medical University**
A board-certified cardiologist, Accreditation Course in Cardiology
Yekaterinburg, Sverdlovsk, Russia
- Oct 2011 – Feb 2013* **Erasmus MC**
Research Fellowship, Interventional Cardiology
Rotterdam, Netherlands
- Oct 2009 – Oct 2010* **Radboud University Medical Centre (Radboudumc)**
Research Fellowship, Pharmacology and Toxicology, Translational
Cardiovascular Biomedicine
Nijmegen, Netherlands
- Sep 2008 – Aug 2011* **Ural Medical University**
Candidate of Science doctoral degree (Ph.D.-like) Research Fellowship A.B.D.,
Exam in cardiology passed in 2010, Cardiology
Yekaterinburg, Russia
- Sep 2006 – Jul 2007* **Ural Medical University**
Doctor of Medicine, A board-certified physician in internal medicine, Internship
in Internal Medicine with Certification in Internal Medicine
Yekaterinburg, Russia
- Sep 1999 – Aug 2005* **Ural Medical University**
Doctor of Medicine, General Medicine
Yekaterinburg, Russia

Research Experience

- Jul 2018 – Jul 2019* **Chief Research Officer**
Transfiguration Clinic, Administration
Yekaterinburg, Sverdlovsk, Russia
- Sep 2017 – Dec 2017* **Clinical Fellow in Cardiology**

- Ural Medical University, Department of Internal Medicine of the Faculty for Postgraduate Education
Yekaterinburg, Sverdlovsk, Russia
- Feb 2013 – May 2013* **Chief Research Officer**
Ural Institute of Cardiology, Yekaterinburg, Russia,
Yekaterinburg, Sverdlovsk, Russia
- Oct 2012 – May 2013* **Researcher**
Ural Federal University, Modern Nanotechnologies (Nanocenter)
Yekaterinburg, Russia
- Oct 2011 – Feb 2013* **Research Fellow in Interventional Cardiology**
Erasmus MC, Department of Interventional Cardiology
Rotterdam, Netherlands
- Oct 2009 – Oct 2010* **Research Fellow in Translational Cardiovascular Biomedicine**
Radboud University Medical Centre (Radboudumc), Department of Pharmacology and Toxicology
Nijmegen, Netherlands
- May 2009 – Jun 2009* **Junior Research Fellow in Nephrology and Transplantology**
University of Groningen, Department of Internal Medicine
Groningen, Netherlands
- Sep 2008 – Aug 2011* **Research Fellow in Cardiology, Nanomedicine and Biotechnology**
Ural Institute of Cardiology, Department of Cardiology, Faculty of Post-doc Education
Yekaterinburg, Sverdlovsk, Russia
- May 2007 – Jun 2007* **Junior Research Fellow in Experimental Surgery**
University of Groningen, Department of Surgery
Groningen, Netherlands
- Feb 2000 – Aug 2011* **Researcher**
Ural State Medical Academy, 3rd Department of Internal Medicine
Yekaterinburg, Russia
- Sep 1996 – May 2013* **Researcher**
Ural Institute of Cardiology, Yekaterinburg, Russia,
Yekaterinburg, Sverdlovsk, Russia

Statistics

RG Score 28.63

Publications 203

Reads 31,615

Citations 273

Awards & Grants

Nov 2012 Grant: FP7-PEOPLE-IIF-2012 Grant of the European Commission

Jun 2011 Scholarship: Lindau Nobel Laureates Meeting 2011

Feb 2009 Grant: Research Grant of the European Society of Cardiology 2009-2010

Skills & Activities

Skills Scaffolds, Tissue Engineering, Biodegradable Polymers, Biomaterials, Tissue Regeneration, Scaffold Development, Regenerative Medicine, Biocompatibility, Biomaterial Engineering, Biomaterial Science, Nanobiomaterials, Biomaterial Degradation, Regeneration, Nanomaterials, Biomaterial Applications, Interventional Cardiology, Stents, Electrospinning, Nanobiotechnology, Nanomedicine, Cardiology, Translational Medicine, Angioplasty, PCI, Acute Coronary Syndrome, Coronary Angiography, Biocompatible Materials, 3D Bioreactor Culture, Biopolymers, Atherosclerosis, Polymeric Biomaterials, Health Economics, Cardiac Surgery, Biotechnology

Languages Dutch, English, Latin, Russian

Scientific Memberships European Society of Cardiology/ EAPCI, American Heart Association, American College of Cardiology

Interests Travels, art, psychiatry, neurophysiology

Books

Alexander Kharlamov, Bill Gogas, Takashi Muramatsu, Yoshinobu Onuma, John Ormiston, Patrick Serruys: *The Scientific Compendium III (2006-2013) ABSORB Bioresorbable Vascular Scaffold*. Edited by Erasmus MC, Rotterdam, the Netherlands, 03/2012; Abbott Vascular., DOI:10.13140/RG.2.1.3832.5286

Book Chapters

Alexander N. Kharlamov: *Translational Exploration and Clinical Testing of Silica-Gold Nanoparticles in Development of Multifunctional Nanoplatfor Form Theranostics of Atherosclerosis*. Biomedical

Applications of Functionalized Nanomaterials, 1st edited by Bruno Sarmento, Jose das Neves, 03/2018; Elsevier., ISBN: 9780323508780, DOI:10.1016/B978-0-323-50878-0.00023-9

Journal Publications

- A. Kharlamov: *Plasmonic Photothermal Therapy Of Atherosclerosis And Preparation Of Target Lesion In Patients With Arterial Remodeling: Subanalysis Of Nanom-Fim Trial*. *Atherosclerosis* 08/2019; 287., DOI:10.1016/j.atherosclerosis.2019.06.100
- A. Kharlamov: *Can dropping ldl-c cause regression of atherosclerosis or should toxic ldl-c be eradicated? A pooled study of plaque burden reduction in lipid-lowering trials*. *Atherosclerosis* 08/2019; 287., DOI:10.1016/j.atherosclerosis.2019.06.304
- Alexander N Kharlamov: *Undiscovered pathology of transient scaffolding remains a driver of failures in clinical trials*. *World Journal of Cardiology (WJC)* 10/2018; 10(10):165-186., DOI:10.4330/wjc.v10.i10.165
- Alexander N. Kharlamov: *Plasmonic Photothermal Therapy of Atherosclerosis Proves Effectiveness but Not Safety for Real Practice: Long-Term Subanalysis from NANOM-FIM*. *Atherosclerosis Supplements* 06/2018; 32:159-160., DOI:10.1016/j.atherosclerosis.2018.04.484
- Alexander N. Kharlamov: *The Lower The Better or Is There a Bottom In Our Fight Against LDL-C? A Pooled Study of Plaque Burden Reduction in Lipid-Lowering and Invasive Trials*. *Atherosclerosis Supplements* 06/2018; 32:147., DOI:10.1016/j.atherosclerosis.2018.04.450
- Alexander N. Kharlamov: *GLAGOV-PASTERKAMP ARTERIAL REMODELING WITH ATHEROPROTECTIVE PHENOMENON AFTER TRANSIENT SCAFFOLDING WITH FIRST-GENERATION POLYMERIC BIORESORBABLE SCAFFOLD*. *Journal of the American College of Cardiology* 03/2018; 71(11):A1084., DOI:10.1016/S0735-1097(18)31625-5
- Alexander N Kharlamov, Ekaterina V Shishkina, Ilya V Zubarev, Vladimir Ya Shur: *Nanoparticles for Treatment of Atherosclerosis: Challenges of Plasmonic Photothermal Therapy in Translational Studies*. *Future Cardiology* 01/2018; 14(1), DOI:10.2217/fca-2017-0051
- Alexander N Kharlamov, Vladimir Ya. Shur, Ekaterina V Shishkina: *Plasmonic Photothermal Therapy of Atherosclerosis With Nanoparticles: Long-Term Outcomes and Safety in NANOM-FIM Trial*. *Future Cardiology* 06/2017; 13(4), DOI:10.2217/fca-2017-0009
- Alexander Kharlamov: *Regression of Coronary Atherosclerosis with Lipid-Lowering and Invasive Strategies in Caucasian and East Asian Populations: A Systematic Overview of 38 Intravascular Ultrasound Imaging Studies with 9,146 Patients*. *Cardiovascular Diagnosis and Therapy* 06/2017;, DOI:10.21037/cdt.2017.05.04
- Alexander N. Kharlamov: *What exactly, regression of atherosclerosis or foreign body reaction with hyaline arteriosclerosis, drives transient scaffolding of coronary arteries? A pooled analysis of observational ABSORB studies with a serial multimodality imaging substudy of ABSORB cohort B1 trial.* *International journal of cardiology* 06/2017;, DOI:10.1016/j.ijcard.2017.05.134

- Alexander N Kharlamov: *Cardiovascular Burden and Percutaneous Interventions in Russian Federation: Systematic Epidemiological Update*. *Cardiovascular Diagnosis and Therapy* 02/2017; 7(1):60-84., DOI:10.21037/cdt.2016.08.10
- Alexander Kharlamov: *Glimpse Into The Future Of Nanotheranostic Strategies For Regression Of Atherosclerosis Through The Prism Of Systems Biomedicine: Systematic Review Of Innovations From Multifunctional Nanoformulations To Devices On Chip*. *Current Nanomedicine* 12/2016; 6(3):186-218., DOI:10.2174/2468187306666161121142756
- Alexander Kharlamov: *TCT-854 Cardiovascular Burden and Percutaneous Interventions in Russia: Epidemiological Update and Results of National Screening*. *Journal of the American College of Cardiology* 11/2016; 68(18):B345., DOI:10.1016/j.jacc.2016.09.965
- Alexander N. Kharlamov: *Scaffold Thrombosis: Exaggerated Illusion, or When Statistics Rules*. *International Journal of Cardiology* 02/2016; 209(15 April 2016):206-209., DOI:10.1016/j.ijcard.2016.02.054
- M.D. Alexander N. Kharlamov: *Bioresorbable Scaffolds for Atheroregression: Understanding of Transient Scaffolding*. *Current Cardiology Reviews* 01/2016; 12(1):66-82., DOI:10.2174/1573403X1201160126125853
- Alexander N Kharlamov: *Why we fail to achieve Glagovian atheroregression in lipid-lowering trials?. Interventional Cardiology* 10/2015; 7(5):469-482., DOI:10.2217/ica.15.37
- Alexander N. Kharlamov: *Silica-gold nanoparticles for atheroprotective management of plaques: results of the NANOM-FIM trial*. *Nanoscale* 03/2015;, DOI:10.1039/c5nr01050k
- Alexander N. Kharlamov: *TCT-303 Optimal interventional strategy in patients underwent plasmonicphotothermal therapy of atherosclerosis: subanalysis of NANOM-FIM trial*. *Journal of the American College of Cardiology* 10/2013; 62(18)., DOI:10.1016/j.jacc.2013.08.1040
- Alexander N. Kharlamov: *TCT-304 Retrospective analysis of long-term outcomes in NANOM-FIM trial: safety of plasmonicphotothermal therapy of atherosclerosis*. *Journal of the American College of Cardiology* 10/2013; 62(18)., DOI:10.1016/j.jacc.2013.08.1041
- Alexander N Kharlamov: *View point: Russian science through the prism of intelligence: is fraud still possible? (retracted)*. *European Heart Journal* 10/2013;, DOI:10.1093/eurheartj/eh383
- Alexander Kharlamov, Rob Krams, Zahi Fayad, Christian Matter: *Understanding of The Transient Scaffolding: New Frontiers in Vascular Interventional Medicine for Atheroregression*.
- Takashi Muramatsu, Yoshinobu Onuma, Yao-Jun Zhang, Christos V. Bourantas, Alexander Kharlamov, Roberto Diletti, Vasim Farooq, Bill D. Gogas, Scot Garg, Hector M. García-García, Yukio Ozaki, Patrick W. Serruys: *Avances en el tratamiento mediante intervención coronaria percutánea: el stent del futuro*. *Revista Espa de Cardiologia* 06/2013; 66(6):483-496., DOI:10.1016/j.recsep.2012.12.009
- Pedro A Lemos, Vasim Farooq, Celso K Takimura, Paulo S Gutierrez, Renu Virmani, Frank Kolodgie, Uwe Christians, Alexander Kharlamov, Manish Doshi, Prakash Sojitra, Heleen M.M. van Beusekom, Patrick W Serruys: *Emerging technologies: Polymer-free phospholipid encapsulated sirolimus nanocarriers*

for the controlled release of drug from a stent-plus-balloon or a stand-alone balloon catheter.

EuroIntervention: journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology 05/2013; 9(1):148-156., DOI:10.4244/EIJV9I1A21

Alexander N Kharlamov: *Can we adapt histological injury score for optical coherence tomography of coronaries?*. International journal of cardiology 05/2013; 168(4)., DOI:10.1016/j.ijcard.2013.04.168

Alexander N Kharlamov: *Phenomenon of elongated struts: Is optical coherence tomography accurate enough to analyze scaffold area?*. International journal of cardiology 05/2013; 168(4)., DOI:10.1016/j.ijcard.2013.04.201

Takashi Muramatsu, Yoshinobu Onuma, Yao-Jun Zhang, Christos V Bourantas, Alexander Kharlamov, Roberto Diletti, Vasim Farooq, Bill D Gogas, Scot Garg, Hector M García-García, Yukio Ozaki, Patrick W Serruys: *Progress in Treatment by Percutaneous Coronary Intervention: The Stent of the Future*. Revista Espa de Cardiologia 05/2013; 66(6)., DOI:10.1016/j.rec.2012.12.009

Alexander N Kharlamov: *Plasmonic photothermal therapy for atheroregression below Glagov threshold*. Future Cardiology 05/2013; 9(3):405-25., DOI:10.2217/fca.13.16

Alexander N Kharlamov: *Optimal Strategy of Coronary Intervention in Patients Underwent Plasmonic Photothermal Therapy for Atheroregression below Glagov Threshold: Subanalysis of NANOM-FIM Trial*. 01/2013; 03(02)., DOI:10.4172/2155-983X.1000113

Alexander N Kharlamov, Henricus J Duckers, Heleen M M van Beusekom, Pieter C Smits, Emerson C Perin, Patrick W Serruys: *Do we have a future with transcatheter adventitial delivery of stem cells?*. International journal of cardiology 12/2012; 165(2)., DOI:10.1016/j.ijcard.2012.11.063

Alexander Kharlamov: *[Technological advances in the treatment of atherosclerosis: from metal stents and bioresorbable scaffolds to nanomedicine]*.

A N Kharlamov, A N Perrish, Ia L Gabiskiĭ, Kh Ronne, E Iu Ivanova: *[Vitamin D in the treatment of cardiorenal syndrome in patients with chronic nephropathy]*. Kardiologiia 07/2012; 52(3):33-44.

Alexander Kharlamov: *[Medical education abroad and international cooperation as an important part of the professional development of Russian experts and scholars on the example of personal experience]*.

Yoshinobu Onuma, Takashi Muramatsu, Alexander Kharlamov, Patrick W Serruys: *Freeing the vessel from metallic cage: What can we achieve with bioresorbable vascular scaffolds?*. Cardiovascular Intervention and Therapeutics 05/2012; 27(3):141-54., DOI:10.1007/s12928-012-0101-8

Alexander N Kharlamov, Jan L Gabinsky: *Plasmonic Photothermic and Stem Cell Therapy of Atherosclerotic Plaque As a Novel Nanotool for Angioplasty and Artery Remodeling*. Rejuvenation Research 04/2012; 15(2):222-30., DOI:10.1089/rej.2011.1305

Alexander N. Kharlamov: *Plasmonics for Treatment of Atherosclerosis: Results of NANOM-FIM Trial (retracted)*. Journal of Nanomedicine & Nanotechnology 01/2012; 04(01)., DOI:10.4172/2157-7439.1000160

Alexander Kharlamov: *[A Case of Bioresorbable Scaffold Implantation in a Young Woman with 10 Years Coronary History]*.

A. N. Kharlamov, A. N. Perrish, Ya. L. Gabinskyi, Kh. Ronne, E. Yu. Ivanova: *Reparative effects of paricalcitol and calcitriol in patients with cardio-renal syndrome and chronic allograft nephropathy. Cardiovascular Therapy and Prevention (Russian Federation) 01/2011; 10(7):58-69.*

A. Kharlamov, J. L. Gabinsky: *P25 PHOTOTHERMAL NANODESTRUCTION VERSUS STROMA ABLATION WITH LENTIVIRAL VECTOR EXPRESSING DIPHTHERIA TOXIN FOR THE MANAGEMENT OF ATHEROSCLEROTIC PLAQUE. Atherosclerosis Supplements 06/2010; 11(2):22-22., DOI:10.1016/S1567-5688(10)70092-1*

A. N. Kharlamov, Ya. L. Gabinsky, E. K. Bos, P. A. Davidovich, V. S. Veselova: *Stenting and cell technologies in the treatment of atherosclerotic renovascular hypertension Part 3. Some genetic, pharmacological, and radio-ecological features of malignant renovascular hypertension. Cardiovascular Therapy and Prevention (Russian Federation) 12/2008; 7(7):69-78.*

Alexander Kharlamov: *[Some essentials of stem-progenitor cells biology, tissue engineering and new aspects of heart failure management]*.

Alexander Kharlamov: *[Some essentials of stem-progenitor cells biology, tissue engineering and new aspects of heart failure management]*.

A. N. Kharlamov, Ya. L. Gabinsky, M. S. Freydina, E. K. Bos, T. A. Naydanova, S. D. Chernyshev, B. V. Fadin: *Stenting and cell technologies in the treatment of atherosclerotic renovascular hypertension Part 2. Effectiveness and safety of postnatal mobilized peripheral blood stem cell auto-transplantation into renal and vertebral arteries in ischemic kidney disease lasting over ten years. Cardiovascular Therapy and Prevention (Russian Federation) 10/2008; 7(5):16-23.*

Alexander Kharlamov: *[History, results and prospects of the Scientific Society of Young Scientists and Students at the 3rd Department of Internal Medicine of Ural State Medical Academy]*.

Alexander Kharlamov: *[Photothermal nanodestruction of atherosclerotic plaque in the model of atherosclerosis in transgenic pigs using microvesicles and chorionic stem-progenitor cells for delivery of silica-gold nanoparticles]*.

Alexander Kharlamov: *Stenting and cell technologies in the treatment of atherosclerotic renovascular hypertension Part 1. Effectiveness and safety of renal artery stenting in ischemic kidney disease. Cardiovascular Therapy and Prevention (Russian Federation) 04/2008; 7(4):83-88.*

Alexander Kharlamov: *Comparative analysis of intramyocardial autologous transplantation of stem cells from peripheral blood and adipose tissue in patients with acute myocardial infarction after effective thrombolytic reperfusion and stenting of the coronary arteries.*

Alexander Kharlamov: *[Comparative analysis of intramyocardial autotransplantation of postnatal stem cells from peripheral blood and adipose tissue in patients with acute phase of myocardial infarction, ST segment elevation, after effective thrombolytic reperfusion and coronary artery stenting]*. Cardiovascular Therapy and Prevention (Russian Federation) 08/2007; 6(8):52-59.

Ya. L. Gabinsky, A. N. Kharlamov, M. S. Freydlina, Vm. Khamitova, N. A. Leontyeva: *Fatal case of progressing Pickwick syndrome*. Cardiovascular Therapy and Prevention (Russian Federation) 01/2007; 6(8):81-87.

Alexander Kharlamov: *[Two-year observation of a young woman with recurrent myocardial infarction]*. Cardiovascular Therapy and Prevention (Russian Federation) 05/2005; 4(5):99-104.

Alexander Kharlamov: *[Some features of seasonal cyclicity of acute myocardial infarction in the Middle Ural]*.

Alexander Kharlamov: *[Cosmophysical factors influence the likelihood of developing acute myocardial infarction]*.

Alexander Kharlamov: *[Geomagnetic activity and possibility of acute myocardial infarction in structure of biorhythms]*.

Alexander Kharlamov: *[Prognosis of myocardial infarction on patient's biorhythm curve]*.

Conference Proceedings

Alexander Kharlamov: *Can Dropping LDL-C Cause Regression of Atherosclerosis or Should Toxic LDL-C Be Eradicated? A Pooled Study of Plaque Burden Reduction in Lipid-Lowering Trials*. 87th European Atherosclerosis Society Congress, Maastricht, The Netherlands; 05/2019, DOI:10.26226/morressier.5cc04c44c66852000b5aedb9

Alexander Kharlamov: *Plasmonic Photothermal Therapy of Atherosclerosis and Preparation of Target Lesion in Patients with Arterial Remodeling: Subanalysis of NANOM-FIM Trial*. 87th European Atherosclerosis Society Congress, Maastricht, The Netherlands; 05/2019, DOI:10.26226/morressier.5cc04c40c66852000b5ae61b

Alexander Kharlamov: *Clinical Gains of Target Lesion Preparation in Patients Underwent Plasmonic Photothermal Therapy of Atherosclerosis: Adjudicated Subanalysis of NANOM-FIM Trial*. SCAI 2019, Las Vegas, Nevada; 05/2019

Alexander Kharlamov: *Target Lesion Preparation In Patients with Plasmonic Photothermal Therapy of Atherosclerosis with Noble Metal Nanoparticles*. Vascular Discovery: From Genes to Medicine 2019 Scientific Sessions, Boston, Massachusetts; 05/2019

Alexander Kharlamov: *A window of external elastic membrane enlargement in treated coronary arteries as a clinical target: results of intravascular imaging studies*. TCT 2018, San Diego Convention Center, San Diego, CA; 09/2018

Alexander Kharlamov: *Haplogroup disparities of atheroregression in white and east asian populations in lipid-lowering and invasive studies*. ESC Congress (Congress of European Society of Cardiology) 2018, August 25-28, 2018, Munich, Germany; 08/2018

Alexander Kharlamov: *Proper preparation of lesion improves long-term outcomes in patients underwent plasmonic photothermal therapy of atherosclerosis with noble metal nanoparticles: results of expert adjudicated subanalysis from NANOM-FIM trial*. CardioVascular Innovations 2018, Denver, CO; 07/2018

- Alexander Kharlamov: *Plasmonic Photothermal Therapy of Atherosclerosis Proves Atheroprotective Effectiveness for Real Clinical Practice: Long-Term Subanalysis from NANOM-FIM*. XVIII International Symposium on Atherosclerosis, June 9-12, 2018, poster 1108, Toronto, Canada; 06/2018
- Alexander Kharlamov: *The Lower The Better or Is There a Bottom In Our Fight Against LDL-C? A Pooled Study of Plaque Burden Reduction in Lipid-Lowering and Invasive Trials*. XVIII International Symposium on Atherosclerosis, June 9-12, 2018, poster 1107, Toronto, Canada; 06/2018
- Alexander Kharlamov: *Glagov-Pasterkamp Arterial Remodeling with Atheroprotective Phenomenon After Transient Scaffolding with First-Generation Polymeric Bioresorbable Scaffold*. The American College of Cardiology's 67th Annual Scientific Sessions (ACC.18), Orlando, Florida; 03/2018
- Alexander Kharlamov, Ekaterina Shishkina, Vladimir Ya. Shur: *Cytotoxicity of Gold Nanoparticles in Red Blood Cells: Applications of Atomic Force Microscopy and Scanning Microscopy for Individual Biomedical Screening*. NN17 Nanotechnology Conference, Thessaloniki, Greece; 07/2017
- Alexander Kharlamov: *Current Interventional Trends in Translational Development of Multifunctional Nanomedicine For Regression of Atherosclerosis*. EuroPCR 2017, Paris, France; 05/2017
- Alexander Kharlamov: *Scaffold Thrombosis in Real Clinical Practice: A Mallēus Maleficārum Illusion?*. SCAI 2017 (The Society for Cardiovascular Angiography and Interventions), New Orleans, LA; 05/2017
- Alexander Kharlamov: *Accuracy of Coronary Angiography, Intravascular Ultrasound, Optical Coherence Tomography and Computed Tomography in ABSORB Cohort B1 Trial*. SCAI 2017 (The Society for Cardiovascular Angiography and Interventions), New Orleans, LA; 05/2017
- Alexander Kharlamov: *Plaque Burden and Adverse Cardiovascular Events, or When Window of External Elastic Membrane Enlargement Matters: Subanalysis of NANOM-FIM Trial*. China Interventional Therapeutics (CIT) Conference 2017, China National Convention Center, Beijing, China; 03/2017
- Alexander Kharlamov: *Phenomenon of Hyaline Arteriosclerosis With Glagovian Artery Remodeling After Implantation of Bioresorbable Vascular Scaffold: A Serial Multimodality Imaging Analysis of ABSORB Cohort B1 Trial*. China Interventional Therapeutics (CIT) Conference 2017, China National Convention Center, Beijing, China; 03/2017
- Alexander Kharlamov: *TCT-854: Cardiovascular Burden and Percutaneous Interventions in Russia: Epidemiological Update and Results of National Screening*. Transcatheter Cardiovascular Therapeutics (TCT) 2016, Washington, DC; 10/2016, DOI:10.13140/RG.2.2.28621.23525
- Alexander Kharlamov: *Long-Term Safety of Plasmonic Photothermal Therapy With Silica-Gold Nanoparticles In Patients With Coronary Atherosclerosis*. 2016 TechConnect World Innovation Conference, Gaylord National Resort and Convention Center, National Harbor, Maryland, just outside of Washington, D.C., U.S.A.; 05/2016, DOI:10.13140/RG.2.1.1048.9203
- Alexander Kharlamov: *Optical Coherence Tomography-adapted Score As Tool For In-vivo Coronary Artery Injury Evaluation: Subanalysis Of NANO ACTIVE FIM-IN Study*. CRT2016, Washington, DC; 02/2016, DOI:10.13140/RG.2.1.1957.1284

- Alexander Kharlamov: *Grain Domains on Surface of Red Blood Cells as Mirror of Nanotoxicity in Patients Underwent Plasmonic Photothermal Therapy of Atherosclerosis With Silica-Gold Nanoparticles: Subanalysis of NANOM-FIM Trial*. CRT2016, Washington, DC; 02/2016, DOI:10.13140/RG.2.1.1389.8323
- Alexander Kharlamov: *Phenomenon of Elongated Struts and Accuracy of Optical Coherence Tomography to Calculate Scaffold Area: Subanalysis of ABSORB Cohort B Trial*. CRT2016, Washington, DC; 02/2016, DOI:10.13140/RG.2.1.1829.1286
- Alexander Kharlamov: *Glagovian Window Of External Elastic Membrane Enlargement As Cornerstone Phenomenon Of Artery Remodeling In Natural History Of Atherosclerosis: Subanalysis Of NANOM-FIM Trial*. CRT2016, Washington, DC; 02/2016, DOI:10.13140/RG.2.1.4615.4322
- Alexander Kharlamov: *[The Modern Understanding of Statins from the Interventional Cardiology Point of View]*. 2nd Eurasian Forum 'Medicine, Pharmacy and Public Health', Yekaterinburg, Russia; 10/2015, DOI:10.13140/RG.2.1.2917.4482
- Alexander Kharlamov: *80101: Long-term outcomes in NANOM-FIM trial: 5-year analysis*. ESC Congress 2015, London, UK; 08/2015, DOI:10.13140/RG.2.1.2177.3926
- Alexander Kharlamov: *80100: Frontiers of plasmonic photothermal and stem cell therapy of atherosclerosis: nanotoxicity in NANOM-PCI trial*. ESC Congress 2015, London, UK; 08/2015, DOI:10.13140/RG.2.1.2830.7043
- Alexander Kharlamov: *Long-Term Outcomes in Population Undergoing Plasmonic Photothermal Therapy of Atherosclerosis with Silica-Gold Nanoparticles: Safety in NANOM-FIM trial*. The 3rd International Translational Nanomedicine (ITNano) Conference (<http://www.itnano2015.ecpd.org.rs/>), Milocer (Hotel Milocer), Montenegro; 06/2015, DOI:10.13140/RG.2.1.5167.1205
- Alexander Kharlamov: *Safety and nano-toxicity in patients managed with plasmonic photothermal therapy: longterm clinical outcomes in NANOM-FIM trial*. 3rd International Conference on Nanotek & Expo, Las Vegas, NV, USA; 12/2013, DOI:10.13140/RG.2.1.3432.1680
- A N Kharlamov, J L Gabinsky: *Noble Metal Nanoparticles for Plasmonic Photothermal Therapy of Atherosclerosis*. TechConnect World 2013 Nanotech 2013, Washington DC; 05/2013, DOI:10.13140/RG.2.1.3439.3122
- Alexander Kharlamov: *Intravascular plasmonic photothermal therapy for atheroregression below Glagov threshold: Results of NANOM-PCI trial*. 3rd International Conference on Clinical & Experimental Cardiology, Chicago, IL, USA; 04/2013, DOI:10.13140/RG.2.1.4349.6722
- Alexander Kharlamov: *Nanoparticle-based Therapies for Atherosclerosis: The NANOM FIM Study*. TCT 2012, Miami, FL; 10/2012, DOI:10.13140/2.1.3633.8725
- Alexander Kharlamov: *Plasmonic Photothermal Therapy of Atherosclerotic Lesions with Silica-Gold Nanoparticles*. TCT 2012; 10/2012, DOI:10.13140/2.1.2585.2960
- Alexander Kharlamov: *80479 Two novel approaches of plasmonic photothermic angioplasty with nanoparticles and stem cells as an alternative to current cardiac interventions*. ESC Congress 2012 (State of the Art

Session: Novel approaches in percutaneous coronary interventions), Munich, Germany; 08/2012, DOI:10.13140/2.1.4657.8728

Patrick Serruys, Alexander Kharlamov: *Nano-technology in Meril Life stents. The Vulnerable Patient Meeting (VPM)*, Cape Sounion, Greece; 06/2012, DOI:10.13140/RG.2.1.3840.4323

Alexander Kharlamov: *Nano-technology in Envision stents. The Vulnerable Patient Meeting (VPM)*, Cape Sounion, Greece; 06/2012, DOI:10.13140/RG.2.1.1218.9925

Alexander Kharlamov: *Plasmonic Photothermic Angioplasty with Nanoparticles and Stem Cells as the New Revolution in Interventional Cardiology*. CLINAM Annual meeting, Basel, Switzerland; 05/2012, DOI:10.13140/RG.2.1.4717.2646

Alexander Kharlamov: *New Frontiers in Interventional Cardiology: From Metallic Stents and Bioresorbable Scaffolds to Nanoplatfoms*. CLINAM Annual Meeting, Basel, Switzerland; 05/2012, DOI:10.13140/RG.2.1.4455.1206

Alexander Kharlamov: *Plasmonic photothermic angioplasty with nanoparticles and stem cells as the new revolution in interventional cardiology*. International Conference and Exhibition on Nanotechnology & Nanomedicine, Omaha, Nebraska, USA; 03/2012, DOI:10.4172/2157-7439.S1.08

Alexander Kharlamov: *Abstract P017: Plasmonic Photothermal Therapy of Atherosclerosis with the Use of Silica-Gold Nanoparticles and Mesenchymal Stem Cells Versus Ferromagnetic Approach*. Cardiovascular Sciences 2011 Scientific Sessions; 12/2011

Alexander Kharlamov: *Abstract 8303: Silica-Gold Nanoparticles and Mesenchymal Stem Cells versus Composite Ferro-Magnetic Approach for Management of Atherosclerotic Plaque and Artery Remodeling*. AHA Scientific Sessions 2011; 12/2011

Alexander Kharlamov: *Plasmonic Photothermal Therapy of Atherosclerotic Plaque with the Use of Silica-Gold Nanoparticles and Stem Cells versus Ferro-Magnetic Approach*. SENS5: Strategies for Engineered Negligible Senescence, Queens' College, Cambridge, UK; 09/2011, DOI:10.1089/rej.2011.14.sensabs

Alexander Kharlamov: *Plasmonic Photothermal and Stem Cell Therapy of Plaque With The Use of Silica-Gold and Iron-Bearing Nanoparticles as The Novel Tool to Regress Coronary Atherosclerosis, or "Nanoburning" Atherosclerotic Plaques*. PhD Program Regenerative Sciences REBIRTH, Hannover Medical School, Germany, Hannover, Germany; 06/2011, DOI:10.13140/RG.2.1.2789.9606

Alexander Kharlamov: *60009 Plasmonic nanophotothermal atherodestruction and stem cell therapy for the management of heart failure*. Heart Failure Congress 2011; 02/2011

Alexander Kharlamov: *11973/87 - Nanoplasmonic Atherodestruction With Silica-Gold Nanoshells as the Novel Tool for Angioplasty*. AHA Scientific Sessions 2010, Chicago, Illinois; 11/2010, DOI:10.13140/RG.2.1.2534.3208

Alexander Kharlamov: *80366 Cholecalciferol for prevention of ischemic heart disease and stimulation of cardiorenal repair in vitamin D deficient kidney transplant recipients*. ESC Congress 2010; 08/2010

- Alexander Kharlamov: *Nanoplasmonic Atherodestruction With Silica-Gold Nanoshells as the Novel Tool for Angioplasty*. Basic Cardiovascular Sciences 2010 Scientific Sessions: Technological and Conceptual Advances in Cardiovascular Disease, Rancho Las Palmas, in Rancho Mirage, California; 07/2010, DOI:10.13140/RG.2.1.3320.7525
- Alexander Kharlamov: *1001-4 Photothermal Nanodestruction of Atherosclerotic Plaque with Using of Adult Stem Cells for Delivery of Gold Nanoparticles*. ACC.10, Georgia World Congress Center, Hall B5, Atlanta, GA; 03/2010, DOI:10.13140/2.1.4944.5920
- Alexander Kharlamov: *Dipyridamole Limits Ischemia-Reperfusion Injury and Protects Myocardium in CABG Patients and in Animal Models*. AGIKO, Nijmegen, the Netherlands; 02/2010, DOI:10.13140/RG.2.1.1877.2967
- Alexander Kharlamov: *11 Photothermal nanodestruction with silica-gold nanoshells versus stroma ablation with lentiviral vector expressing diphtheria toxin for the management of atherosclerotic plaque*. Frontiers in CardioVascular Biology; 11/2009
- Alexander Kharlamov: *Dipyridamole Limits Ischemia-Reperfusion Injury and Stimulates Normal Circulating Progenitor Cell-Mediated Regeneration in Myocardium in CABG Patients and in Animal Model*. Lab Meeting of the Department of Pharmacology and Toxicology, Radboud UMC, Nijmegen, the Netherlands; 10/2009, DOI:10.13140/RG.2.1.5023.0241
- Alexander Kharlamov: *Allogeneic Transplantation of Chorionic Stem-Progenitor Cells at Normothermic Reperfusion of Kidney Received From Non-Heart Beating Rats*. Dutch Medicines Days (FIGON), Lunteren, the Netherlands; 10/2009, DOI:10.13140/RG.2.1.1680.6880
- Alexander Kharlamov: *80453 Endothelin1-induced postnatal rat cardiac stem cells with transfected pAdCGI-HCN2 and co-expressed beta-KCNE2 for functional assembly of self-organizing pulsatile myocardial tubes*. ESC Congress 2009; 08/2009
- Alexander Kharlamov: *Vitamin D Receptor Polymorphism and Expression Associated with Immune Response, Kidney Allograft Rejection and Survival*. ISCOMS Research Fellowship 2009, Groningen, the Netherlands; 06/2009, DOI:10.13140/RG.2.1.1484.0802
- Alexander Kharlamov: *CMV – „Killing me softly“?*. Summer School on Transplantation 2009, Groningen, the Netherlands; 06/2009, DOI:10.13140/RG.2.1.4105.5200
- Alexander Kharlamov: *Efficiency of allogeneic chorionic stem-progenitor cells' using in composition of preservative solution at normothermic kidney reperfusion received from non-heart beating rats*. LIMSC, Leiden, the Netherlands; 03/2009
- Alexander Kharlamov: *Endothelin1-induced postnatal rat cardiac stem cells with transfected pAdCGI-HCN2 and co-expressed β -KCNE2 for functional assembly of self-organizing pulsatile myocardial tubes*. LIMSC, Leiden, the Netherlands; 03/2009
- Alexander Kharlamov: *Photothermic Nanodestruction of Plaque and Chorionic Stem-Progenitor Cells for Delivery of Nanoshells*. LIMSC, Leiden, the Netherlands; 03/2009

Alexander Kharlamov: [*Photothermal Nanodestruction of Atherosclerotic Plaque*]. Annual Congress of the Russian Society of Cardiology, Moscow, Russia; 10/2008, DOI:10.13140/RG.2.1.4586.1922

Alexander Kharlamov: 80984 *Photothermic nanodestruction of plaque with using of microbubbles and chorionic stem-progenitor cells for delivery of gold-silica nanoshells*. ESC Congress 2008; 08/2008

Alexander Kharlamov: [*Efficiency of chorionic allogeneic stem-progenitor cells in the composition a preservative solution at normothermic reperfusion machine kidneys obtained based on the asystolic model of the third class to stimulate regeneration, ischemia-reperfusion protection and prevention of chronic allograft nephropathy in a kidney transplant allogeneic rats*]. 63rd Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2008

Alexander Kharlamov: [*Photothermal nanodestruction of the plaque of the second segment of the left anterior descending artery in the model of atherosclerosis in transgenic pigs using microvesicles and chorionic stem-progenitor cells for delivery of silica-gold nanoparticles*]. 63rd Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2008

Alexander Kharlamov: [*SWOT-analysis of the situation in Russia and the city of Yekaterinburg in the field of stem cell research in cardiology*]. Actual problems of tissue and cellular transplantology, Moscow, Russia; 10/2007

Alexander Kharlamov: [*Comparative analysis of intramyocardial autologous transplantation of postnatal stem cells from peripheral blood and adipose tissue in patients with acute myocardial infarction*]. Actual problems of tissue and cellular transplantology, Moscow, Russia; 10/2007

Alexander Kharlamov: *Photothermal nanodestruction of plaque with using of stem cells*. II YES Meeting 2007, Porto, Portugal; 09/2007

Alexander Kharlamov: 82326 *Transplantation of peripheral blood and adipose tissue stem cells to renal and vertebral artery for management of atherosclerotic renovascular hypertension*. ESC Congress 2007; 07/2007

Alexander Kharlamov: *Allogeneic Chorionic Stem-Progenitor Cells in Preserved Solution at Normothermic Recirculation of Kidney Received From the Non-Heart Beating Donors*. ISCOMS Research Fellowship 2007, Groningen, the Netherlands; 06/2007, DOI:10.13140/RG.2.1.3712.3047

Alexander Kharlamov: *Transplantation of peripheral blood and adipose tissue stem cells to renal and vertebral artery for management of atherosclerotic renovascular hypertension with duration more than ten years after the stenting*. 14th International Student Congress of Medical Sciences "World Wide Science", Groningen, the Netherlands; 06/2007

Alexander Kharlamov: *Renal-artery stenting and transplantation of embryonic stem cells received with nucleus transfer method, and special technique in renal and vertebral arteries in patients with 10-year atherosclerotic ischemic kidney disease and severe hypertension*. 18th Israeli Medical Association World Fellowship International Conference "Advanced Technologies in Medicine", Jerusalem, Israel; 04/2007

Alexander Kharlamov: [*The effectiveness of renal artery stenting and transplantation of bone marrow stem cells in renal and vertebral arteries in patients with ischemic kidney disease lasting more than a decade*]. Russian National Congress of Cardiologists, Moscow, Russia; 10/2006

Alexander Kharlamov: *Transplantation of autologous bone marrow progenitor cells in post-ablation myocardium in patients with familial obstructive hypertrophic cardiomyopathy and multivessel coronary heart disease*. 14th Annual International Ain Shams Medical Students' Congress, Cairo, Egypt; 02/2006

Alexander Kharlamov: [*Some results of endovascular treatment and renal-artery stenting of atherosclerotic renovascular hypertension*]. 60th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2005

Alexander Kharlamov: [*Fluvastatin and Valsartan for Management of Renovascular Hypertension*]. Annual Congress of the Russian Society of Cardiology, Moscow, Russia; 04/2005

Alexander Kharlamov: *Renal-artery stenting in patients with atherosclerotic renovascular disease receiving fluvastatin and valsartan*. 13th Annual International Ain Shams Medical Students' Congress, Cairo, Egypt; 02/2005

Alexander Kharlamov: [*Acute myocardial infarction in young women*]. 59th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2004

Alexander Kharlamov: [*The fat component in the composition of the student body as a possible predictor of metabolic syndrome*]. 59th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2004

Alexander Kharlamov: [*Some chronobiological features of acute myocardial infarction in women*]. 58th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2003

Alexander Kharlamov: [*Some morphometric and histo topographical aspects of the structure of the human heart*]. 58th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2003

Alexander Kharlamov: [*Preclinical studies of the biological action of the aqueous solution of Amaranthine*]. 58th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2003

Alexander Kharlamov: [*The use of antihypoxic drugs in the treatment of pneumonia*]. 58th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2003

Alexander Kharlamov: [*Some clinical features of acute myocardial infarction in women*]. All-Russian Research Conference of Students and Young Scientists of Tyumen State Medical Academy "Actual problems of theoretical, experimental and clinical medicine", Tyumen, Russia; 04/2003

Alexander Kharlamov: *[Assessment of iodine deficiency in infants in Yekaterinburg]*. 57th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2002

Alexander Kharlamov: *[Cosmophysical factors and probability of acute myocardial infarction in the Middle Ural]*. Regional Students Research Competition in Natural Sciences, Yekaterinburg, Russia; 03/2002

Alexander Kharlamov: *[The impact of the phenomenon of radiation of the form of pyramids of the golden section proportions on the blood system]*. 56th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2001

Alexander Kharlamov: *[The use of respiratory exercises in the treatment of acute pneumonia]*. 56th Research Conference for Students and Young Scientists with International Participating "Actual Problems of the Modern Public Health Service", Yekaterinburg, Russia; 04/2001

Dr John Alexander Kharlamov, MD FESC FACC FEACVI

<https://publons.com/a/1136995>

Awards on Publons

September 2019: Top 1% of reviewers in Pharmacology and Toxicology

September 2019: Top 1% of reviewers in Cross-Field

September 2018: Top reviewers in Pharmacology and Toxicology

September 2017: Top Handling Editors

September 2017: Top Post-publication Reviewers

September 2016: Sentinels of Science: Medicine

Publons Rankings

99th percentile of reviewers from De Haar Research Task Force on Publons between January 1900 and November 2019.

99th percentile of reviewers from Central Municipal Hospital on Publons between January 1900 and November 2019.

99th percentile of reviewers from Transfiguration Clinic on Publons between January 1900 and November 2019.

99th percentile of reviewers from Erasmus University Rotterdam on Publons between January 1900 and November 2019.

99th percentile of reviewers from Ural Medical University on Publons between January 1900 and November 2019.





















99th percentile of reviewers from Radboud University Nijmegen Medical Center on Publons between January 1900 and November 2019.









99th percentile of reviewers from Ural Institute of Cardiology on Publons between January 1900 and November 2019.

99th percentile of reviewers in Medicine (all) on Publons between January 1900 and November 2019.

Peer Review Summary




Performed 300 reviews for journals including *European Heart Journal* and *Circulation* between January 1900 and November 2019.

	43	European Heart Journal
	2	Circulation
	1	Circulation: Cardiovascular Interventions
	1	Stroke
	2	Heart
	3	Nanomedicine
	2	Journal of the American Heart Association
	19	EuroIntervention
	1	World Journal of Stem Cells
	92	International Journal of Nanomedicine
	4	Scientific Reports
	33	International Journal of Cardiology
	4	World Journal of Gastroenterology
	16	Materials Letters
	2	Catheterization and Cardiovascular Interventions
	1	Biomarkers in Medicine
	1	Expert Review of Medical Devices
	14	World Journal of Clinical Cases
	17	Journal of Interventional Cardiology
	5	Cardiovascular Diagnosis and Therapy


-  **1** World Journal of Diabetes
-  **1** World Journal of Orthopedics
-  **27** World Journal of Cardiology
-  **1** World Journal of Critical Care Medicine
-  **1** Therapeutic Delivery
-  **4** European Heart Journal - Cardiovascular Pharmacotherapy
-  **1** World Journal of Meta-analysis
-  **1** AsiaIntervention Journal

Editor Record Summary

Managed the reviewing process for 987 publications for journals including *International Journal of Nanomedicine* and *Infection and Drug Resistance*. These are all the editor records added to Publons up until November 2019.

-  **985** International Journal of Nanomedicine
-  **1** Infection and Drug Resistance
-  **1** Nanotechnology, Science and Applications

Publons Academy

 Completed the Publons Academy peer review course on June 8th 2017

Publons Academy Mentor








 Mentored 7 students through the Publons Academy between January 1900 and November 2019.

























Students:

- Ilesanmi Peter Badaki, graduated September 28th 2018
- Maksim Kashtanov, graduated February 8th 2018
- José Gildo de Moura Monteiro Júnior, graduated November 19th 2017
- Michel Pompeu B. O. Sá, MD, MSc, PhD, graduated January 8th 2018
- Patrizio Petrone, MD, PhD, FACS, graduated November 15th 2017
- Otilia Tica, graduated November 27th 2017
- Federico Guerra, graduated November 29th 2017

Pre-Publication Review List


A list of all verified reviews between January 1900 and November 2019.

-  Nov 2019 World Journal of Clinical Cases
A Young Patient with Recurrent Acute Myocardial Infarction: a Case Report
-  Nov 2019 Scientific Reports
An Abluminal Biodegradable Polymer Sirolimus-eluting Stent Versus a Durable Polymer Everolimus-eluting Stent in Patients Undergoing Coronary Revascularization: 3-year Clinical Outcomes of a Randomized Non-inferiority Trial
-  Nov 2019 International Journal of Nanomedicine
Liquiritigenin-loaded Submicron Emulsion Protects Against Doxorubicin-induced Cardiotoxicity Via Antioxidant, Anti-inflammatory, and Anti-apoptotic Activity
-  Nov 2019 International Journal of Nanomedicine
A Peptide-functionalized Magnetic Nanoplatfrom Loaded Melatonin for Targeted Ameliorating Fibrosis in Pressure Overload Induced Cardiac Hypertrophy
-  Nov 2019 World Journal of Cardiology
Do Age-associated Changes of Voltage-Gated Sodium Channel Isoforms Expressed in the Mammalian Heart Predispose the Elderly to Atrial Fibrillation?
-  Oct 2019 World Journal of Clinical Cases
A Thoracoabdominal Aorta Aneurysm Patient with Severe Calcification in Arch of Riolan
-  Oct 2019 World Journal of Meta-analysis

-  Sep 2019 World Journal of Clinical Cases
Treatment of Severe Upper Gastrointestinal Bleeding Caused by Mallory-Weiss Syndrome after a Primary Coronary Intervention for Acute Inferior Wall Myocardial Infarction: A case report
-  Sep 2019 Scientific Reports
An abluminal biodegradable polymer sirolimus-eluting stent versus a durable polymer everolimus-eluting stent in patients undergoing coronary revascularization: 3 year clinical outcomes of a randomized non-inferiority trial
-  Sep 2019 World Journal of Clinical Cases
The Perfect double Storm: Contrast-induced Coronary Thrombotic Storm Overlapped with Electrical Storm : A Case Report and Literature Review
-  Aug 2019 World Journal of Cardiology
-  Aug 2019 International Journal of Nanomedicine
Variable Effects of LDL Subclasses on Endothelial Nitric Oxide/Peroxynitrite Balance – The Risks and Clinical Implications for Cardiovascular Disease
-  Aug 2019 International Journal of Nanomedicine
Nd2O3 nanoparticles induces toxicity and cardiac/ cerebrovascular abnormal in zebrafish embryos via apoptosis pathway
-  Aug 2019 World Journal of Clinical Cases
Correlation of serum BNP and ET-1 levels with cardiac pump function and ventricular remodeling in patients with heart failure
-  Aug 2019 International Journal of Nanomedicine
Heterozygous disruption of the beclin 1 alleviates zinc oxide nanoparticles- induced disturbance of cholesterol biosynthesis in mouse liver
-  Jul 2019 International Journal of Nanomedicine
Platelet membrane-coated nanoparticles target sclerotic aortic valves in ApoE^{-/-} mice by multiple binding mechanisms under pathological shear stress
-  Jul 2019 Materials Letters
Influence of different concentrations of Zn-carbonate phase on physical-chemical properties of antimicrobial agar composite films
-  Jul 2019 Materials Letters
Indocyanine green (ICG) -menthol loaded cerasomal nanoparticles for ultrasound imaging and photothermal therapy against tumor
-  Jul 2019 World Journal of Cardiology
Incidence and Risk Factors for Atrial Fibrillation Recurrence after Ablation of Nodal and Atrio-ventricular Re-entrant Tachycardia
-  Jul 2019 World Journal of Cardiology
Managing Hyperlipidemia in Primary care
-  Jul 2019 International Journal of Nanomedicine
CD-340 functionalized doxorubicin loaded nanoparticle induces apoptosis and reduces tumor volume along with drug-related cardiotoxicity in mice
-  Jul 2019 World Journal of Cardiology
Percutaneous Balloon Mitral Valvuloplasty during Pregnancy in Symptomatic Rheumatic Mitral Stenosis: A Retrospective study
-  Jul 2019 International Journal of Nanomedicine
Local intramyocardial delivery of bioglass with alginate hydrogels for post-infarct myocardial regeneration
-  Jun 2019 World Journal of Cardiology
Cardiovascular Surgery in Turner Syndrome – Early Outcome and Long-term Follow-up
-  Jun 2019 World Journal of Cardiology
Takotsubo syndrome: The Past, the Present, and the Future
-  Jun 2019 Materials Letters
Indocyanine green (ICG) -menthol loaded cerasomal nanoparticles for ultrasound imaging and photothermal therapy against tumor
-  Jun 2019 International Journal of Nanomedicine
Polydopamine-Modifid Dual-Ligand Nanoparticles As Highly Effective And Targeted Magnetic Resonance/Photoacoustic Dual-Modality Thrombus Imaging Agents
-  Jun 2019 World Journal of Stem Cells
Poly(3-hydroxybutyrate)/hydroxyapatite/alginate scaffolds seeded with mesenchymal stem cells enhance the regeneration of critical-sized bone defect
-  Jun 2019 International Journal of Nanomedicine
Insights of nanomaterials on angiogenic effect: potential applications and related mechanisms
-  Jun 2019 Materials Letters
The influence of barium titanate on the biological properties of collagen-hydroxiapatite composite scaffolds
-  Jun 2019 Materials Letters


Influence of different concentrations of Zn-carbonate phase on physical-chemical properties of antimicrobial agar composite films


 May 2019 International Journal of Nanomedicine
Effects of functionalized silver nanoparticles on aggregation of human blood platelets


 May 2019 World Journal of Cardiology
Social media in cardiology: Reasons to learn how to use it


 May 2019 Materials Letters
Construction of pH-Responsive Periodic Mesoporous Organosilicas with Flexible and Robust Framework of Histidine for Drug Delivery


 May 2019 World Journal of Cardiology
Atypical Takotsubo Cardiomyopathy with Hypokinetic Left Mid-ventricle and Apical Wall Sparing: A Case Report and Literature Review

 May 2019 World Journal of Cardiology
Phrenic Nerve Displacement by Intrapericardial Balloon Inflation during Epicardial Ablation of Ventricular Tachycardia: Case Series and Review of Literature


 May 2019 International Journal of Nanomedicine
Natural product-based nanoformulations for management of metabolic syndrome

 May 2019 World Journal of Clinical Cases
The heart-breath regulation by hypnotic music benefits the early prevention of arrhythmias in young individuals: A case report

 May 2019 World Journal of Gastroenterology
Portal vein thrombosis in cirrhosis: Why a well-known complication is still matter of debate

 May 2019 International Journal of Nanomedicine
Administrative routes of nanoparticles for therapeutic applications-A Comprehensive Review

 May 2019 International Journal of Nanomedicine
Advanced nanofabrication methods for nanoparticle-based drug delivery and molecular imaging


 Apr 2019 World Journal of Cardiology
Retrospective evaluation of Azilsartan in hypertensive patients for effectiveness & safety from hospital of Gujarat-India


 Apr 2019 International Journal of Nanomedicine
Nanofibrous vildagliptin-eluting stents enhance re-endothelialization and reduce neointimal formation in diabetes: in vitro and in vivo

 Apr 2019 Materials Letters
The influence of barium titanate on the biological properties of collagen-hydroxiapatite composite scaffolds


 Apr 2019 World Journal of Cardiology
Risk factors, Clinical And Angiographic Features of Coronary Artery Ectasia Compared to Stenotic Coronary Artery Disease


 Apr 2019 International Journal of Nanomedicine
Co-loading Antioxidant N-acetylcysteine Attenuates Cytotoxicity of Iron Oxide Nanoparticles in Hypoxia/ Reoxygenation Cardiomyocytes

 Apr 2019 International Journal of Nanomedicine
Resveratrol Solid Lipid Nanoparticles to Trigger Credible Inhibition of Doxorubicin Cardiotoxicity


 Apr 2019 World Journal of Cardiology
Association and Common Etiology of Heart Failure and Cancer: A Systematic Review


 Apr 2019 International Journal of Nanomedicine
The acute toxic effect of platinum nanoparticles on cardiac electrophysiology in mice

























 Apr 2019 International Journal of Nanomedicine
Preparation of Tiliain Loaded Solid Lipid Nanoparticles and its Cardioprotective Effects against Myocardial Ischemic-reperfusion Injury






 Apr 2019 International Journal of Nanomedicine
Development and in-vitro evaluation of (β -CD-g-MAA)/Na⁺-MMT nanocomposite hydrogels for controlled delivery of Lovastatin

 Apr 2019 World Journal of Clinical Cases
Ultrasound-assisted Diagnosis of Intraoperative Cardiac Tamponade during Hemihepatectomy

 Mar 2019 World Journal of Clinical Cases
Successful multidisciplinary clinical approach and molecular characterization by whole transcriptome sequencing of a cardiac myxofibrosarcoma: A case report

 Mar 2019 World Journal of Cardiology
Use of rotablation to rescue a "fractured" micro catheter tip, case report

-  Mar 2019 International Journal of Nanomedicine
Comparative study of in vitro effects of different nanoparticles at non-cytotoxic concentration on the adherens junction of human vascular endothelial cells
-  Mar 2019 World Journal of Gastroenterology
Extrahepatic complications of NAFLD in youths: a systematic review
-  Mar 2019 World Journal of Critical Care Medicine
Coronary vasospasm-induced pulseless electrical activity managed with extracorporeal membrane oxygenation: a case report
-  Mar 2019 International Journal of Nanomedicine
Nano-scaled MTCA-KKV: For targeting thrombus, releasing pharmacophores, inhibiting thrombosis and dissolving blood clots in vivo
-  Mar 2019 World Journal of Cardiology
The Association of Thrombocytopenia on Prevalence and Outcome of Acute Coronary Syndrome from National Inpatient Database
-  Mar 2019 International Journal of Nanomedicine
Evaluation of a simple off-the-shelf bi-layered vascular scaffold based on Poly(L-lactide-co-caprolactone)/silk fibroin in vitro and in vivo
-  Mar 2019 International Journal of Nanomedicine
Self-nanoemulsifying ramipril tablets: a novel delivery system for the enhancement of drug dissolution and stability
-  Mar 2019 International Journal of Nanomedicine
A brief review of nanoparticles and imaging methods for labeling and tracking mesenchymal stem cells in regenerative medicine
-  Mar 2019 Nanomedicine
Dual-Modality Imaging Atherosclerotic Plaques Based on Ultrasmall Superparamagnetic Iron Oxide Particles With Rhodamine
-  Feb 2019 World Journal of Clinical Cases
Association between ventricular repolarization variables and cardiac diastolic function: a cross-sectional study of a healthy Chinese population
-  Feb 2019 International Journal of Nanomedicine
Long Noncoding RNA Expression Analysis Reveals the Regulatory Effects of Nitinol-Based Nanotubular Coatings on Human Coronary Artery Endothelial Cells
-  Feb 2019 World Journal of Orthopedics
Is cell-free multilayered biomimetic scaffold effective in treating osteochondral knee injuries?
-  Feb 2019 International Journal of Nanomedicine
In vitro Characterizations and Pharmacokinetics Studies of Valsartan Loaded Solid Lipid Nanoparticles
-  Jan 2019 International Journal of Nanomedicine
Short Communication: The first transparent and flexible one-transistor memory device using advanced nano materials for medical applications
-  Jan 2019 World Journal of Cardiology
A cross-sectional study on assessment of oxidative stress in Bangladeshi CHD patients
-  Jan 2019 International Journal of Nanomedicine
Synthesis and preliminary characterization of polyurethane nanoparticles with ginger extract as a possible cardiovascular protector
-  Jan 2019 World Journal of Diabetes
Cardiovascular disease associated to insulin resistance
-  Jan 2019 International Journal of Nanomedicine
Anti-angiogenic Properties of Nanoparticles: A Systematic Review
-  Jan 2019 International Journal of Nanomedicine
Green Nanotechnology: A review on green synthesis of silver nanoparticles –An eco-friendly approach
-  Jan 2019 World Journal of Clinical Cases
Cardiac Amyloidosis: Case Report with review of current literature
-  Jan 2019 Scientific Reports
Device Thrombogenicity Emulation: An In Silico Predictor of In Vitro and In Vivo Ventricular Assist Device Thrombogenicity
-  Jan 2019 International Journal of Nanomedicine
EGFP-EGF1 conjugated PLGA nanoparticles, a new diagnostic tool and drug carrier for atherosclerosis
-  Jan 2019 International Journal of Nanomedicine
Alzheimer's disease: Pathogenesis, diagnostics and Therapeutics
-  Jan 2019 Journal of the American Heart Association
Stromal Cell Derived Factor-1 and Long-Term Prognosis in Acute Coronary Syndrome

-  Jan 2019 International Journal of Nanomedicine
Human serum albumin-based probes for molecular targeting of macrophage scavenger receptors
-  Dec 2018 International Journal of Nanomedicine
3D printing approaches for cardiac tissue engineering and role of immune modulation in tissue regeneration
-  Dec 2018 International Journal of Nanomedicine
Atomic layer deposition coating of TiO₂ nano-thin films on magnesium-zinc alloys to enhance cytocompatibility for bioresorbable vascular stents
-  Dec 2018 International Journal of Nanomedicine
A smartphone assisted pressure-measuring-based diagnosis system for acute myocardial infarction diagnosis
-  Dec 2018 International Journal of Nanomedicine
Cholesterol rich lipid mediated nanoparticles boost of transfection efficiency, utilized for gene editing by CRISPR-Cas9
-  Dec 2018 Nanomedicine
Tumor blood perfusion based requirement of nanoparticle dose-loadings for plasmonic photothermal therapy
-  Dec 2018 World Journal of Clinical Cases
Diagnostic detection with cardiac tomography and resonance of extremely rare coronary anomaly: a case report and review literature
-  Dec 2018 International Journal of Nanomedicine
Lipid-Polymer Hybrid Nanoparticles as a Next Generation Drug Delivery Platform: State of the Art, Emerging Technologies and Perspectives
-  Dec 2018 International Journal of Nanomedicine
Shape-dependent toxicity and mineralization of hydroxyapatite nanoparticles in A7R5 aortic smooth muscle cells
-  Dec 2018 World Journal of Clinical Cases
Takotsubo cardiomyopathy with unremarkable electrocardiogram in a patient with depressive disorder: case report and brief review of the literature
-  Dec 2018 International Journal of Nanomedicine
Nanomedicine-based formulations containing ω -3 polyunsaturated fatty acids: potential application in cardiovascular, inflammatory and neoplastic diseases
-  Dec 2018 World Journal of Gastroenterology
Non-endoscopic assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with Optical Coherence Tomography angiography: a pilot study
-  Dec 2018 International Journal of Nanomedicine
DIBc, a Nanochelating-Based Nano Metal-Organic Framework, Shows Antidiabetic Effects in High-Fat Diet and Streptozotocin-Induced Diabetic Rats
-  Dec 2018 Materials Letters
Nano lily-buds garden like ZnO nanostructures based gas sensor for H₂ detection
-  Nov 2018 World Journal of Cardiology
ST-segment elevation during treadmill exercise test in a patient without prior myocardial infarction. A case report and literature review
-  Nov 2018 Scientific Reports
Device Thrombogenicity Emulation: An In Silico Predictor of In Vitro and In Vivo Ventricular Assist Device Thrombogenicity
-  Nov 2018 International Journal of Nanomedicine
Electrospun PCL/collagen nanofibers crosslinked with EDC/NHS and Genipin facilitating endothelial cells regeneration manifest promising candidate for vascular scaffolds
-  Nov 2018 International Journal of Nanomedicine
Effects of triptolide and methotrexate nanosuspension on left ventricular remodeling in autoimmune myocarditis rats
-  Nov 2018 World Journal of Cardiology
Heart disease in Friedreich's ataxia
-  Nov 2018 World Journal of Clinical Cases
Malignant arrhythmia with new mutations of desmocollin-2 and desmoplakin genes: A case report
-  Nov 2018 International Journal of Nanomedicine
Strategic approach to developing a self-microemulsifying drug delivery system to enhance antiplatelet activity and bioavailability of ticagrelor
-  Nov 2018 International Journal of Nanomedicine
Chitosan-nanoparticle-coated scaffold improves anti-aneurysm potential of coil embolism in the patients with intracranial aneurysm
-  Oct 2018 World Journal of Cardiology
Prevalence and clinical characteristics associated with left atrial thrombus detection: Apixaban
-  Oct 2018 World Journal of Cardiology

Percutaneous devices for left atrial appendage occlusion: A contemporary review



Oct 2018 World Journal of Cardiology

Subclinical carotid atherosclerosis predicts all-cause mortality and cardiovascular events in obese patients with negative exercise echocardiography



Oct 2018 International Journal of Nanomedicine

Electrostatic Self-assemble Modified Electrospun PLLA/PVP Composite Polymer and its Potential Applications in Small-diameter Artificial Blood Vessels



Oct 2018 International Journal of Nanomedicine

Complement activation-related circulatory changes caused by amphotericin-B-containing liposomes in mice



Oct 2018 World Journal of Cardiology

Bacterial Endocarditis of Double-Chamber Right Ventricle



Sep 2018 Materials Letters

Green synthesis of gold nanoparticles using Croton Caudatus Geisel leaf extract and their biological studies



Sep 2018 World Journal of Cardiology

The use of patient-derived cells to model genetic cardiomyopathies



Sep 2018 International Journal of Nanomedicine

A comparative study of toxicity of TiO₂, ZnO and Ag nanoparticles to human aortic smooth muscle cells



Sep 2018 World Journal of Cardiology

Contemporary characteristics and outcomes of adults with familial dilated cardiomyopathy listed for heart transplantation



Sep 2018 International Journal of Nanomedicine

A Highly Sensitive Biosensor Based on Au NPs/ rGO-PAMAM-Fc Nanomaterials for Detection of Cholesterol



Sep 2018 International Journal of Nanomedicine

Silica-coated magnetic nanoparticles labeled EPCs alleviate ischemic myocardial injury and improve long-term cardiac function with magnetic field guidance in rats with myocardial infarction



Sep 2018 World Journal of Clinical Cases

Paroxysmal Nocturnal Dyspnea After Atrial Septal Defect Correction: A Case of Pulmonary Hypertension Due to Left Heart Disease



Sep 2018 International Journal of Nanomedicine

Controlled releasing Hydrogen Sulfide Donor based on Dual Modal Iron Oxide Nanoparticles protects myocardial tissue from Ischemia-reperfusion Injury



Sep 2018 International Journal of Nanomedicine

Silica nanoparticles trigger the hepatic lipid metabolism disorder in vivo and in vitro



Sep 2018 World Journal of Cardiology

Chronic Aortocaval Fistula Presenting as Right Heart Failure



Sep 2018 International Journal of Nanomedicine

Co-exposure subacute toxicity of silica nanoparticles and lead acetate on cardiovascular system



Aug 2018 International Journal of Nanomedicine

Ultra-small gold nanorods: synthesis and glycocalyx-related permeability in human endothelial cells



Aug 2018 World Journal of Gastroenterology

HCV, atherosclerosis and cardiovascular disease: what impact of direct-acting antiviral treatments



Aug 2018 International Journal of Nanomedicine

Effects of 20nm Gold Nanoparticles on ISO-induced Heart Failure Rats



Aug 2018 International Journal of Nanomedicine

Preparation and evaluation of poly(ester-urethane) urea/gelatin nanofibers based on different crosslinking strategies for potential applications in vascular tissue engineering



Aug 2018 International Journal of Nanomedicine

Macroporous nanofibrous vascular scaffold with improved biodegradability and smooth muscle cells infiltration prepared by dual phase separation technique



























Aug 2018 International Journal of Nanomedicine

Sensitive detection of myoglobin by gold nanorods based plasmonic ELISA with a smart phone reader for acute myocardial infarction POCT diagnosis



Aug 2018 European Heart Journal - Cardiovascular Pharmacotherapy

Neoatherosclerosis after drug-eluting stent implantation: a novel clinical and therapeutic challenge

-  Aug 2018 International Journal of Nanomedicine
Synthesis and Characterization of a Polyurethane Carrier Containing Chili Peppers Extract as an Alternative Administration in Cardiovascular Disease
-  Aug 2018 World Journal of Cardiology
New Frontiers in the Therapeutic Approach of Patients with Cardiovascular and Endocrine Diseases
-  Jul 2018 International Journal of Nanomedicine
Targeted delivery of reduced Graphene oxide nanosheets using multifunctional ultrasound nanobubbles for visual and enhanced photothermal therapy
-  Jul 2018 International Journal of Nanomedicine
Macrophage Uptake switches on OCT contrast of Superparamagnetic Nanoparticles for MR imaging of Atherosclerotic Plaques
-  Jul 2018 International Journal of Nanomedicine
Inverse opal substrate-loaded mesenchyma stem cells contribute to decreased myocardial remodeling after transplantation into acute myocardial infarction mice
-  Jul 2018 Journal of Interventional Cardiology
The role of interleukin-9 and interleukin-17 in myocarditis with different etiologies
-  Jul 2018 European Heart Journal - Cardiovascular Pharmacotherapy
Neoatherosclerosis after drug-eluting stent implantation: a novel clinical and therapeutic challenge
-  Jul 2018 Materials Letters
Green synthesis of gold nanoparticles using Croton Caudatus Geisel leaf extract and their biological studies
-  Jul 2018 World Journal of Cardiology
Pre-operative use of anti-aggregates may reduce atrial fibrillation development rate during coronary bypass surgery
-  Jul 2018 International Journal of Nanomedicine
Curcumin-loaded nanoparticles for attenuating palmitate-induced oxidative stress and cardiomyocyte apoptosis through AMPK pathway
-  Jul 2018 International Journal of Nanomedicine
Microfluidization trends in the development of nano delivery systems and applications in chronic disease treatments
-  Jun 2018 Materials Letters
Injectable temperature-sensitive hydrogel with VEGF loaded microspheres for vascularization and bone regeneration of femoral head necrosis
-  Jun 2018 International Journal of Nanomedicine
Novel breviscapine nanocrystals modified by panax notoginseng saponins for enhancing bioavailability and antiplatelet aggregation effect
-  Jun 2018 International Journal of Nanomedicine
Nanostructures: from Quantum-Mechanical Calculations up to Drug-delivery. What is nanotechnology? Will nanotechnology revolutionize medicine?
-  Jun 2018 International Journal of Nanomedicine
In vivo toxicological evaluation of graphene oxide nanoplatelets for clinical application
-  Jun 2018 Materials Letters
Injectable temperature-sensitive hydrogel with VEGF loaded microspheres for vascularization and bone regeneration of femoral head necrosis
-  May 2018 International Journal of Nanomedicine
Resveratrol release from polyurethane elastomer nanofibers for vascular tissue engineering application
-  May 2018 International Journal of Nanomedicine
In situ exploring structural characteristics of macropinocytosis and size range of internalized substances in cells by 3D-structured illumination microscopy
-  May 2018 International Journal of Nanomedicine
Low-molecular-weight sulfonated chitosan as template for anticoagulant nanoparticles
-  May 2018 International Journal of Nanomedicine
Highly efficient transfection of human induced pluripotent stem cells using magnetic nanoparticles
-  Apr 2018 International Journal of Nanomedicine
The use of gadolinium-based nanoparticles (GBNs) to counteract the radioresistance of HNSCC: from cellular uptake to subcellular damage
-  Apr 2018 International Journal of Nanomedicine
Evaluation of toxicity of functionalized graphene oxide with ginsenoside Rh2, Lysine and Arginine RBCs, blood coagulation and cardiovascular tissue: In vitro and In vivo study
-  Mar 2018 Materials Letters
Effects of Polymethylsilsesquioxane concentration on morphology shape of electrosprayed particles
-  Feb 2018 Materials Letters

Facile preparation of three-dimensional controlled-release scaffold as a potential application in vascular tissue engineering



Feb 2018 **Materials Letters**

Effects of Polymethylsilsesquioxane concentration on morphology shape of electrosprayed particles



Jan 2018 **International Journal of Nanomedicine**

Simultaneous delivery of electrostatically complexed multiple gene-targeting siRNAs and an anticancer drug for synergistically enhanced treatment of prostate cancer



Jan 2018 **Cardiovascular Diagnosis and Therapy**

Aneurysm formation of the membranous ventricular septum in an adult patient with history of repaired partial atrioventricular septal defect: demonstration by cardiac CT



Jan 2018 **International Journal of Nanomedicine**

Recent advances in functional nanostructures as cancer photothermal therapy



Dec 2017 **Biomarkers in Medicine**

Evaluation of serum cysteine-rich protein 61 levels in patients with coronary artery disease



Dec 2017 **Cardiovascular Diagnosis and Therapy**

Brain abscess as a complication of disturbed Fontan Surgery hemodynamics at high-altitude



Nov 2017 **International Journal of Nanomedicine**

Cantharidin encapsulated thermal-sensitive liposomes coated with gold nanoparticles (CTD-TSL@GNPs) for enhanced photothermal therapy on A431 cells



Nov 2017 **Materials Letters**

Comparison of extraction methods of sirolimus from polymeric coatings of biodegradable stents



Oct 2017 **Journal of Interventional Cardiology**

Relationship between the endothelial glycocalyx and the extent of coronary atherosclerosis



Oct 2017 **Journal of Interventional Cardiology**

Efficacy and Safety of "Coronary Artery Bypass Graft Angiography" with Right Transradial Access versus Left Transradial Access and Femoral Access; A Retrospective Comparative Study



Aug 2017 **International Journal of Nanomedicine**

Inhibition of Cancer Cell Migration with CuS@mSiO₂-PEG Nanoparticles by Repressing MMP-2/MMP-9 Expression



Jul 2017 **Journal of Interventional Cardiology**

Evaluation of prognostic (in-hospital and long-term follow up) efficacy of SYNTAX score II in STEMI patients undergoing p-PCI and compared anatomical and Logistic Clinical SYNTAX score



Jul 2017 **European Heart Journal - Cardiovascular Pharmacotherapy**

Which thienopyridine in patients with Left Ventricular Assist Device? Insights from a case of aspirin allergy



Jul 2017 **Cardiovascular Diagnosis and Therapy**

Periodicity of the cardiovascular system when ordered by the left ventricular Ejection Fraction



Jun 2017 **International Journal of Nanomedicine**

Preparation of Liposome Gels containing Monocrotaline and Evaluation of In Vitro Percutaneous Penetration



Jun 2017 **Journal of Interventional Cardiology**

Impact of Chronic Kidney Disease on Mortality in Adults Undergoing Balloon Aortic Valvuloplasty



Jun 2017 **Journal of Interventional Cardiology**

Utilizing Intravascular Ultrasound Imaging Prior to Treatment with Coronary Orbital Atherectomy: An ORBIT II Sub-analysis



May 2017 **International Journal of Nanomedicine**

Progress and Application of Dendrimer in Imaging of Atherosclerotic Plaque



Apr 2017 **Journal of Interventional Cardiology**

A Randomized Trial of Uninterrupted Warfarin versus Heparin Bridging in Transfemoral Coronary Angiography



Apr 2017 **Stroke**

Adiponectin Correlates with Symptom Status and Carotid Plaque Calcification


























Mar 2017 **International Journal of Nanomedicine**

Near-infrared light-triggered theranostics for tumor-specific enhanced multimodal imaging and photothermal therapy















































Mar 2017 **Cardiovascular Diagnosis and Therapy**

Cardiovascular mortality in Russia: a comment

























-  Feb 2017 International Journal of Nanomedicine
Nanoparticle-allergen complexes for allergen immunotherapy
-  Jan 2017 Expert Review of Medical Devices
Advantages and disadvantages of polymer free drug eluting stents
-  Jan 2017 Circulation
Defining prolonged dwell time: When are advanced inferior vena cava filter retrieval techniques necessary? An analysis in 762 procedures
-  Jan 2017 Journal of Interventional Cardiology
Early discharge is safe and feasible after TAVR
-  Dec 2016 AsiaIntervention Journal
Management of antithrombotic therapy in patients with recent percutaneous coronary intervention and acute dengue infection: A case series
-  Dec 2016 International Journal of Nanomedicine
High Density Lipoprotein Coating Gold Nanoparticles as a Drug Delivery Tool for the Simultaneous Detection and Therapy of Atherosclerosis
-  Dec 2016 Cardiovascular Diagnosis and Therapy
CVD Prevention Efforts in the Russian Federation
-  Nov 2016 Journal of Interventional Cardiology
Association of Body Mass Index with Mortality in Chinese Patients after Percutaneous Coronary Intervention: A Large Single Center Data
-  Oct 2016 International Journal of Nanomedicine
Solid lipid nanoparticles that resemble low-density lipoprotein composition and regression of atherosclerotic lesions in rabbits: effects of particle size
-  Oct 2016 International Journal of Cardiology
Intensive statin regimens for reducing risk of cardiovascular diseases among human immunodeficiency virus-infected population: A nation-wide longitudinal cohort study 2000-2011
-  Sep 2016 International Journal of Nanomedicine
Superparamagnetic Reconstituted High Density (rHDL) Nanocarriers For Magnetically Guided Drug Delivery
-  Aug 2016 Journal of Interventional Cardiology
The long-term PCI outcomes of elderly patients in the era of second-generation drug eluting stents
-  Aug 2016 International Journal of Nanomedicine
Upconversion nanoparticle-mediated photodynamic therapy promotes the cholesterol efflux of THP-1 macrophage-derived foam cells via autophagy
-  Aug 2016 International Journal of Cardiology
Intensive statin regimens for reducing risk of cardiovascular diseases among human immunodeficiency virus-infected population: A nation-wide longitudinal cohort study 2000-2011
-  Jul 2016 Catheterization and Cardiovascular Interventions
Long-term outcome following remote ischemic postconditioning during percutaneous coronary interventions - The RIP-PCI trial long-term follow-up
-  Jul 2016 Catheterization and Cardiovascular Interventions
Orbital atherectomy of distal Left Anterior Descending through Left Internal Mammary Artery
-  Jul 2016 Circulation: Cardiovascular Interventions
Defining prolonged dwell time: When are advanced inferior vena cava filter retrieval techniques necessary? An analysis in 762 procedures
-  Jul 2016 International Journal of Cardiology
Comparison of standard and Lewis ECG in detection of atrioventricular dissociation in patients with wide QRS tachycardia
-  Jun 2016 International Journal of Cardiology
Early repolarization pattern in the general population: Prevalence and associated factors
-  Jun 2016 International Journal of Cardiology
Methanolic seed extract of Vitis vinifera ameliorates oxidative stress, inflammation and ATPase dysfunction in infarcted and non-infarcted heart of streptozotocin-nicotinamide induced male diabetic rats
-  Jun 2016 International Journal of Cardiology
The Outcomes of Different Vessel Diameter in Patients Receiving Coronary Artery Stenting
-  Jun 2016 Journal of the American Heart Association
Nuclear Transport Modulation Reduces Hypercholesterolemia, Atherosclerosis, and Fatty Liver
-  May 2016 Journal of Interventional Cardiology
Carotid Intima Media Thickness and Epicardial Fat Tissue Associated with Syntax Score II
-  May 2016 Journal of Interventional Cardiology

Serum Receptor Advanced Glycation Endproduct (sRAGE) in Diabetic and Non-Diabetic Patients Admitted with Acute Myocardial Infarction

-  Apr 2016 *Circulation*
Defining prolonged dwell time: When are advanced inferior vena cava filter retrieval techniques necessary? An analysis in 762 procedures
-  Mar 2016 *International Journal of Cardiology*
*Methanolic seed extract of *Vitis vinifera* ameliorates oxidative stress, inflammation and ATPase dysfunction in the infarcted heart of type-2 diabetic rats*
-  Jan 2016 *International Journal of Cardiology*
The influence of training characteristics on the effect of aerobic exercise training in patients with chronic heart failure: A meta-regression analysis
-  Jan 2016 *Journal of Interventional Cardiology*
The Relationship between Carbon Dioxide Combining Power and Contrast-induced Nephropathy after Contrast Media Exposure in Patients with Chronic Kidney Disease
-  Nov 2015 *Journal of Interventional Cardiology*
Clinical Outcomes of Diabetic Patients Treated With a polymer free Amphilimus-Eluting Stent and reduced DAPT: Results Of The Utrecht Cre8 Registry (UCre8)
-  Nov 2015 *Journal of Interventional Cardiology*
Novel Method for Real Time Co-Registration of IVUS and Coronary Angiography
-  Nov 2015 *International Journal of Cardiology*
Health status of patients with type 2 diabetes and screen-detected heart failure
-  Oct 2015 *European Heart Journal*
Priming with Erythropoietin Enhances Survival and Pro-Angiogenic Properties in Mesenchymal Stem Cells from Bone Marrow
-  Sep 2015 *Nanomedicine*
Nanotechnology in diagnosis and treatment of coronary artery disease
-  Aug 2015 *International Journal of Cardiology*
Pneumoconiosis increases the risk of congestive heart failure: A nationwide population-based cohort study
-  Aug 2015 *International Journal of Cardiology*
Plasma MiR-1, MiR-208, MiR-499 as Potential Diagnostic Biomarkers for Acute Myocardial Infarction: An Independent Study of Han Population
-  Aug 2015 *International Journal of Cardiology*
Rho-associated kinase inhibitors promote the cardiac differentiation of embryonic and induced pluripotent stem cells
-  Aug 2015 *Journal of Interventional Cardiology*
*Effect of *Gundelia tournefortii* L. extract on lipid profile and TAC in patients with coronary artery disease: A double-blind randomized placebo controlled clinical trial*
-  Aug 2015 *International Journal of Cardiology*
Could ten questions asked by the dispatch center predict the outcome for patients with chest discomfort?
-  Jul 2015 *European Heart Journal*
Improved risk stratification of patients with acute coronary syndromes using a combination of hsTnT, NT-proBNP and hsCRP with the GRACE risk score
-  Jul 2015 *European Heart Journal*
Telomere length in early childhood: Early life risk factors and association with carotid intima-media thickness in later childhood
-  Jul 2015 *International Journal of Cardiology*
Rho-associated kinase inhibitors promote the cardiac differentiation of embryonic and induced pluripotent stem cells
-  Jul 2015 *European Heart Journal*
Mechanical Assist Devices: From Bridge to Transplant to Destination Therapy
-  Jul 2015 *European Heart Journal*
T-cells in myocardial infarction- future upcoming therapeutic targets?
-  Jun 2015 *International Journal of Cardiology*
Development and validation of a risk model for 5-year mortality after percutaneous coronary intervention
-  Jun 2015 *International Journal of Cardiology*
Fucoidan protects mesenchymal stem cells against oxidative stress and enhances vascular regeneration in a murine hindlimb ischemia model
-  Jun 2015 *International Journal of Cardiology*
Effects of Triple Therapy in Patients With Non-Valvular Atrial Fibrillation Undergoing Percutaneous Coronary Intervention Regarding Thromboembolic Risk Stratification

-  May 2015 International Journal of Cardiology
Rho-associated kinase inhibitors promote the cardiac differentiation of embryonic and induced pluripotent stem cells
-  May 2015 European Heart Journal
Canopy 2 attenuates the transition from compensatory hypertrophy to dilated heart failure in hypertrophic cardiomyopathy
-  May 2015 Journal of Interventional Cardiology
Feasibility of procedural anticoagulation with Bivalirudin in Transcatheter Aortic Valve Implantation: The BiTAVI pilot study
-  May 2015 International Journal of Cardiology
Pneumoconiosis increases the risk of congestive heart failure: A nationwide population-based cohort study
-  Apr 2015 International Journal of Cardiology
Exosomes/microvesicles from induced pluripotent stem cells deliver cardioprotective miRNAs and prevent cardiomyocyte apoptosis in the ischemic myocardium
-  Apr 2015 European Heart Journal
Telomere length in early childhood: Early life risk factors and association with carotid intima-media thickness in later childhood
-  Apr 2015 International Journal of Cardiology
Fucoidan protects mesenchymal stem cells against oxidative stress and enhances vascular regeneration in a murine hindlimb ischemia model
-  Apr 2015 European Heart Journal
Lowering cholesterol in chronic kidney disease: is it safe and effective?
-  Mar 2015 International Journal of Cardiology
Exosomes/microvesicles from induced pluripotent stem cells deliver cardioprotective miRNAs and prevent cardiomyocyte apoptosis in the ischemic myocardium
-  Mar 2015 International Journal of Cardiology
Rho-associated kinase inhibitors promote the cardiac differentiation of embryonic and induced pluripotent stem cells
-  Mar 2015 International Journal of Nanomedicine
A bionic and targeting nanomedicine using high density lipoprotein as carrier for atherosclerosis therapy
-  Mar 2015 European Heart Journal
Ventricular Assist Devices: Current Controversies and Future Directions
-  Mar 2015 European Heart Journal - Cardiovascular Pharmacotherapy
The therapeutic potential of thrombin inhibition in dilated cardiomyopathy
-  Mar 2015 Therapeutic Delivery
Controlling drug delivery from coronary stents – are we aiming for the right targets?
-  Mar 2015 European Heart Journal
Canopy 2 attenuates the transition from compensatory hypertrophy to dilated heart failure in hypertrophic cardiomyopathy
-  Mar 2015 International Journal of Cardiology
A temperature-sensitive, self-adhesive hydrogel to deliver iPSC-derived cardiomyocytes for heart repair
-  Mar 2015 International Journal of Nanomedicine
Nanoparticle drug-eluting stents for the prevention of coronary restenosis: progress and future prospects
-  Feb 2015 International Journal of Cardiology
Pneumoconiosis increases the risk of congestive heart failure: A nationwide population-based cohort study
-  Feb 2015 International Journal of Cardiology
Carotid Stiffness and Baroreflex Sensitivity in Young-Trained Men Under Anabolic Steroids Misuse: Integrative Physiology on Blood Pressure
-  Feb 2015 European Heart Journal
Platelet Aggregability in Response to Loading Dose of Atorvastatin or Rosuvastatin in Patient with Stable Coronary Disease before PCI. The STATIPLAT randomized study
-  Feb 2015 European Heart Journal
GDF-15 level predicts cardiovascular and bleeding events in acute coronary syndromes - results from the PLATO study
-  Jan 2015 International Journal of Cardiology
Exosomes/microvesicles from induced pluripotent stem cells deliver cardioprotective miRNAs and prevent cardiomyocyte apoptosis in the ischemic myocardium
-  Jan 2015 International Journal of Nanomedicine
Enhanced antimicrobial activity of antibiotic coated metallic nanoparticles against MRSA


-  Jan 2015 European Heart Journal
Effects of Aliskiren in Diabetic and Non-diabetic Patients with Coronary Artery Disease: Implications for Coronary Atheroma Progression and Clinical Events Insights from AQUARIUS
-  Dec 2014 International Journal of Cardiology
Does current body size or birth weight better predict cardiovascular disease risk? An 18 year cohort study
-  Dec 2014 Heart
Acute coronary syndrome in octogenarians: association between percutaneous coronary intervention and long-term mortality
-  Dec 2014 International Journal of Nanomedicine
Role of the nanomedicine: pegylated Interferon beta 1a in the management of multiple sclerosis – patient considerations
-  Nov 2014 International Journal of Cardiology
Muscle wasting in ageing and chronic illness
-  Nov 2014 International Journal of Cardiology
PROGNOSTIC FACTORS IN PATIENTS WITH STEMI UNDERGOING PRIMARY PCI: ROLE OF DUAL ANTIPLATELET THERAPY AT ADMISSION AND THE SMOKING PARADOX ON LONG-TERM OUTCOME
-  Nov 2014 International Journal of Cardiology
Rho-associated Kinase Controls the Differentiation of Embryonic and Induced Pluripotent Stem Cells into Cells of Hematopoietic and Cardiac Lineages
-  Oct 2014 International Journal of Nanomedicine
Targeting of Apoptotic Macrophages with 99mTc-DTPA-USPIO-Annexin V: Potential Dual-modal SPECT/MRI Probe for Vulnerable Atherosclerosis Plaques Imaging
-  Sep 2014 International Journal of Cardiology
Therapeutic potential of allogeneic mesenchymal stromal cells modified to overexpress human vascular endothelial growth factor in an ovine model of myocardial infarction
-  Sep 2014 International Journal of Cardiology
Serum drug levels to diagnose non-adherence in acute decompensated heart failure
-  Aug 2014 Heart
Acute coronary syndrome in octogenarians: association between percutaneous coronary intervention and long-term mortality
-  Aug 2014 International Journal of Nanomedicine
Gefitinib Loaded Folate Decorated Bovine Serum Albumin conjugated Carboxymethyl-β-Cyclodextrin nanoparticle Enhance Drug Delivery and Attenuate Autophagy in Folate Receptor-Positive cancer Cells
-  Jul 2014 European Heart Journal
LATE DECLINE IN RENAL FUNCTION FOLLOWING IMPLANTATION OF CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICES
-  Apr 2014 European Heart Journal
Cardiac Specific Overexpression of Mitochondrial Omi/HtrA2 Induces Myocardial Apoptosis and Cardiac Dysfunction
-  Mar 2014 European Heart Journal
Changes in thrombus composition and profilin-1 release in acute myocardial infarction
-  Mar 2014 European Heart Journal
SITAgliptin plus GRanulocyte colony-stimulating factor in patients suffering from Acute Myocardial Infarction: main results from a double-blind, randomized placebo-controlled trial of efficacy and safety (SITAGRAMI trial)
-  Feb 2014 European Heart Journal
Changes in thrombus composition and profilin-1 release in acute myocardial infarction
-  Feb 2014 European Heart Journal
Impact of short-term mechanical circulatory support with extracorporeal devices on postoperative outcomes after emergency heart transplantation. Data from a multi-institutional Spanish cohort
-  Jan 2014 European Heart Journal
Effects of intensive blood pressure lowering according to baseline blood pressure levels and analysis of optimal achieved post-randomization blood pressure in acute intracerebral haemorrhage: INTERACT2
-  Jan 2014 European Heart Journal
Enhancement of recipient natural antibody response to prevent chronic rejection following organ transplantation? A new hypothesis based on an old observation
-  Nov 2013 European Heart Journal
Safety of mesenchymal stem cell intracoronary delivery: insights from coronary microcirculation invasive assessment

-  Oct 2013 European Heart Journal
Changes in thrombus composition and profilin-1 release in acute myocardial infarction
-  Sep 2013 European Heart Journal
HIV Infection and Cardiovascular Disease
-  Jun 2013 European Heart Journal
Increased risk of cardiovascular disease (CVD) with age in men: a comparison of the D:A:D CVD risk equation and general population CVD risk equations
-  Jun 2013 European Heart Journal
Endothelial dysfunction over the course of coronary artery disease
-  Jun 2013 European Heart Journal
HIV Infection and Cardiovascular Disease
-  Jun 2013 European Heart Journal
HIV and the Heart: The Impact of Antiretroviral Therapy. A Global Perspective
-  Jun 2013 European Heart Journal
Effect of Left Ventricular Dysfunction and Viral Load on Risk of Sudden Cardiac Death In Patients with HIV
-  May 2013 European Heart Journal
CD4+ lymphocyte count predicts recurrent thrombotic events in HIV-infected patients with acute coronary syndromes
-  May 2013 EuroIntervention
Beta radiation for renal nerve denervation: initial feasibility and safety
-  Apr 2013 European Heart Journal
Endothelial dysfunction over the course of coronary artery disease
-  Apr 2013 European Heart Journal
Atherothrombosis in HIV patients: from bench to bedside and backwards
-  Apr 2013 EuroIntervention
The Use of Ultrasound Mediated Contrast Agents as an Adjuvant for Collagenase Therapy in Chronic Total Occlusions
-  Apr 2013 European Heart Journal
HIV and the Heart: The Impact of Antiretroviral Therapy. A Global Perspective
-  Mar 2013 European Heart Journal
Endothelial dysfunction over the course of ischemic heart disease
-  Jan 2013 EuroIntervention
Neointimal calcification and chronic kidney disease: Incidence, time course, and effect of calcium channel blocker therapy
-  Dec 2012 EuroIntervention
Beta radiation for renal nerve denervation: initial feasibility and safety
-  Dec 2012 European Heart Journal
The Efficacy and Safety of Ivabradine for the Treatment of Chronic Stable Angina: A Meta-analysis
-  Nov 2012 EuroIntervention
Influence of Trans-Radial Versus Trans-Femoral Diagnostic Heart Catheterization on Peripheral Vascular Endothelial Function
-  Nov 2012 European Heart Journal
Serum lipid parameters and myocardial function correlate with nitrotyrosine and matrix metalloproteinase-2 and -9 activities in patients with coronary artery disease
-  Oct 2012 European Heart Journal
Survival after continuous-flow Left Ventricular Assist Device implantation versus Heart Transplantation: an Italian single-centre experience
-  Sep 2012 European Heart Journal
Telemonitoring and self-management in the control of hypertension (TASMINH2): a cost-effectiveness analysis
-  Aug 2012 EuroIntervention
The Use of Ultrasound Mediated Contrast Agents as an Adjuvant for Collagenase Therapy in Chronic Total Occlusions
-  Aug 2012 EuroIntervention
Determination of the urinary neutrophil gelatinase-associated lipocalin (NGAL) as an early marker of contrast induced acute kidney injury after coronary catheterization
-  Jul 2012 EuroIntervention


Characterization of Cardiac Troponin Elevation Pattern in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Segment Elevation Myocardial Infarction and its Relation to Cardiovascular Outcomes during Hospitalization

 Jul 2012 EuroIntervention
Excimer Laser LESion Modification to Expand Non-dilatable sTents: The ELLEMENT Registry

 Jul 2012 European Heart Journal
Ascorbic Acid Prevents Contrast-Induced Nephropathy in Patients Undergoing Coronary Angiography


 Jul 2012 European Heart Journal
Coronary artery wall shear stress is associated with endothelial dysfunction and expansive arterial remodeling in patients with coronary artery disease


 Jun 2012 EuroIntervention
Neointima Calcification inside Stents: Intravascular Ultrasound Study

 Jun 2012 European Heart Journal
Angiotensin-Converting Enzyme Inhibitors Ameliorate Mental Stress-Induced Myocardial Ischemia but Not Exercise-Induced Ischemia in Patients with Coronary Artery Disease


 Jun 2012 EuroIntervention
Effect of shear stress alteration on atherosclerotic plaque vulnerability in cholesterol-fed rabbits


 May 2012 European Heart Journal
Coronary artery wall shear stress is associated with endothelial dysfunction and expansive arterial remodeling in patients with coronary artery disease

 May 2012 European Heart Journal
Evaluation of HDL recruiting anti ApoA1 coated stents in a rabbit model


 May 2012 EuroIntervention
Clinical and Angiographic Experience With a Third Generation Drug Eluting ORSIRO Stent in the Treatment of Single De Novo Coronary Artery Lesions (BIOFLOW-I): A Prospective, First-in-Man Study


 Apr 2012 EuroIntervention
A Clinical Evaluation of the ProNOVA XR Polymer Free Sirolimus Eluting Coronary Stent System in the Treatment of Patients with De Novo Coronary Artery Lesions (EURONOVA XR I Study)


 Apr 2012 EuroIntervention
Bioresorbable Polystatin (BPL) Fourth Generation Stents

 Apr 2012 EuroIntervention
Impact of Minimum Volumes of Contrast Media during Percutaneous Coronary Intervention for Preventing Contrast Induced Nephropathy in Patients with Coronary Artery Disease

 Apr 2012 EuroIntervention
Low risk of contrast-induced nephropathy after coronary angiography and intervention in current clinical practice

 Jan 2012 EuroIntervention
Intracoronary Monocyte Chemoattractant Protein 1 (MCP-1) and Vascular Endothelial Growth Factor (VEGF) Levels are Associated with Atherosclerotic Plaque Burden and Composition: An Intracoronary Ultrasound Radiofrequency Study

 Jan 2012 EuroIntervention
Sodium bicarbonate plus N-acetylcysteine to prevent contrast-induced nephropathy in primary and rescue percutaneous coronary interventions: the BINARIO (Bicarbonato e N-Acetil-cisteina nell'infarto miocardico acuto) study (Clinical trials.gov NCT01218178)

 Dec 2011 EuroIntervention
A comparative assessment of long term follow-up of percutaneous coronary intervention in patients with coronary atherosclerosis using either drug-eluting stents with permanent polymer coating or biodegradable polymer coating

Editor Record List

A list of all verified editor records up until November 2019.

 International Journal of Nanomedicine
Fabrication of Poly Vinyl Alcohol/Silver/Curcumin Nanoparticles: Their Antibacterial and Antioxidant Properties

 International Journal of Nanomedicine
Characterization of Apolipoprotein A-I Peptide Phospholipid Interaction and its Effect on HDL Nanodisc Assembly

 International Journal of Nanomedicine
Molecular Magnetic Resonance Imaging with Contrast Agents for Assessment of Inflammatory Bowel Disease: A Systematic Review

 International Journal of Nanomedicine

Large-scale synthesis of monodisperse soluble Prussian blue nanoparticles for cancer theranostics via a "in situ modification" strategy

International Journal of Nanomedicine

Novel redispersible nanosuspensions stabilized by co-processed nanocrystalline cellulose-sodium carboxymethyl starch for enhancing dissolution and oral bioavailability of baicalin

International Journal of Nanomedicine

Neuroprotective effect of insulin-loaded chitosan nanoparticles/PLGA-PEG-PLGA hydrogel (ICNPH) on diabetic retinopathy in rats

International Journal of Nanomedicine

A personalized and long-acting local therapeutic platform combining photothermal therapy and chemotherapy for the treatment of multi-drug resistant colon tumor

International Journal of Nanomedicine

Enhanced osteoinduction of electrospun scaffolds with assemblies of hematite nanoparticles as bioactive interface

International Journal of Nanomedicine

Iron oxide nanoparticles promote migration of mesenchymal stem cells to injury sites

International Journal of Nanomedicine

Enhancing the anti-fungal activity of corneal epithelial specific cell penetrating peptide using gelatin hydrogel delivery system

International Journal of Nanomedicine

Silver nanoparticles: aggregation behavior in biorelevant conditions and its impact on biological activity

International Journal of Nanomedicine

Enhanced bone regeneration of the silk fibroin electrospun scaffolds through the modification of the Graphene Oxide functionalized by BMP-2 peptide

International Journal of Nanomedicine

Capture and biological release of circulating tumor cells in pancreatic cancer based on peptide functionalized silicon nanowire substrate

International Journal of Nanomedicine

Anti-inflammatory peptide and brain derived neurotrophic factor modified hyaluronan-methylcellulose hydrogel promotes nerve regeneration in rats of spinal cord injury

International Journal of Nanomedicine

A Multifunctional Targeted Nanoagent for Dual-Mode Image-Guided therapeutic effects on Ovarian Cancer Cells

International Journal of Nanomedicine

Anti-inflammatory drug-eluting implant model system to prevent wear particles induced periprosthetic osteolysis

International Journal of Nanomedicine

The albumin binding, anticancer and antibacterial properties of synthesized zero valent iron nanoparticles

International Journal of Nanomedicine

Novel SN38 derivative based liposome as anticancer prodrug: in vitro and in vivo studies

International Journal of Nanomedicine

Platinum nanoparticles as a therapeutic agent against dextran sodium sulfate-induced colitis in mice

International Journal of Nanomedicine

Modulated-Electro-Hyperthermia Enhanced Liposomal Drug Uptake by Cancer Cells

International Journal of Nanomedicine

*Biomimetic synthesis of antimicrobial silver nanoparticles using in vitro-propagated plantlets of a medicinally important endangered species: *Phlomis bracteosa**

International Journal of Nanomedicine

*Biomimetic synthesis of antimicrobial silver nanoparticles using in vitro-propagated plantlets of a medicinally important endangered species: *Phlomis bracteosa**

International Journal of Nanomedicine

Phycocyanin/PEG-b-(PG-g-PEI) attenuated hepatic ischemia/reperfusion-induced pancreatic islets injury and enlarged islet functionality

International Journal of Nanomedicine

A Novel Nanoscale Liposomal Co-formulation of Daunorubicin and Cytarabine With Unique Biodistribution and Tumor Cell Uptake Properties

International Journal of Nanomedicine

Synergistic effect of atorvastatin calcium and curcumin on reducing atherosclerosis mediated with dysfunctional endothelial cell-targeted liposome

International Journal of Nanomedicine

Photothermal conversion hydrogel based mini-eye patch for relieving dry eye while long-term use of the light-emitting screen

- Open Access International Journal of Nanomedicine
High loads of nanohydroxyapatite/graphene nanoribbon composites guided bone regeneration using an osteoporotic animal model
- Open Access International Journal of Nanomedicine
A protein chimera self assembling unit for drug-delivery
- Open Access International Journal of Nanomedicine
Epidermal growth factor receptor and its role in pancreatic cancer treatment mediated by nanoparticles
- Open Access International Journal of Nanomedicine
In vitro determination of the efficacy of scorpion venoms as anti-cancer agent against colorectal cancer cells: a nano liposomal delivery approach
- Open Access International Journal of Nanomedicine
Pharmacokinetics of Doxorubicin in Glioblastoma Multiforme following Ultrasound- Induced Blood-Brain Barrier Disruption as Determined by Microdialysis
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Ischemic stroke nanotherapy strategies
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