



Curriculum Vitae

Claudio De Lazzari

PERSONAL INFORMATION	The state of the s
First name(s) / Surname(s)	Claudio De Lazzari
Address(es)	NA CONTRACTOR OF THE PROPERTY
Telephone(s)	
Website	
E-mail	
Nationality	
Date of birth	
EDUCATION	Toka (Salata) Subject
Title of qualification awarded	Biomedical Engineering
Name and type of organisation providing education and training	University "La Sapienza" Rome (Italy)
Dates	March 1993
Title of qualification awarded	Master in Artificial Organs
Name and type of organisation providing education and training	Centro di Cultura Scientifica "Ettore Majorana" di Erice, Trapani (Italy)
AWARDS	In November 2015 received the title of "DOCTOR HONORIS CAUSA" from the Board of Teaching University GEOMEDI (Georgia)
WORK EXPERIENCE	
Dates	04/04/2019 - 25/07/2019
Occupation or position held	Committee Member
Main activities and responsibilities	Evaluator & Expert Review for the Sardinia Region
Type of business or sector	Realization of pre-commercial procurement financed by POR FESR Sardinia 2014/2020. First priority axis SCIENTIFIC RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION. Action 1.3.1.
Name and address of employer	Sardegna Ricerche (https://www.sardegnaricerche.it/)
Dates	23/03/2019 - 10/05/2019
Occupation or position held	Evaluator
Main activities and responsibilities	Evaluator & Expert Review for the Sicily Region
responsibilities	



responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities an	Name and address of employer	REGIONE SICILIANA ASSESSORATO DELLE ATTIVITA' PRODUTTIVE. Dipartimento Regionale delle Attività Produttive Servizio 5. Innovazione tecnologica e politiche per lo sviluppo economico
Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer	Dates	01/12/2018 - 31/12/2018
Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position hel		
POR FESR EMILLA ROMAGNA 2014-2020 — Asse 1-Azionel.2.2. Name and address of employer	Main activities and	Evaluator & Expert Review of scientific projects/proposals for the Emilia
ASTER Innovazione Attiva (https://www.aster.it/) Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main activities and employer Dates Occupation or position held Main act		
Expert/Scientific consultant Evaluator & Expert Review of scientific projects/proposals for the Lazio responsibilities Evaluator & Expert Review of scientific projects/proposals for the Lazio Robert Review of scientific projects/proposals for the Trenti Alto Adige Region. Ex-ante Evaluation. In itinere Monitoring. Post-ante Evaluation. Check In loco. Industrial research and innovation activity Provincia Autonoma di Trento - Servizio Istruzione e Formazione del secondo grado, Università e Ricerca https://ricercaintrentino.provincia.tn.it/	Name and address of	ASTER Innovazione Attiva (https://www.aster.it/)
Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or	Dates	01/03/2018 - 31/05/2019
Evaluator & Expert Review of scientific projects/proposals for the Lazio Region	Occupation or position held	Expert/Scientific consultant
POR FESR LAZIO 2014-2020 - Creatività 2020.	Main activities and	Evaluator & Expert Review of scientific projects/proposals for the Lazio
Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Occupation or positi		
Description or position held Expert/Scientific consultant Evaluator & Expert Review of scientific projects/proposals for the Trentic Alto Adige Region. Ex-ante Evaluation. In itinere Monitoring. Post-ante Evaluation. Check In loco.	Name and address of	Lazio Innova (Regione Lazio) http://www.lazioinnova.it/
Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates Occupation or position held Member of the Commission for the Evaluation of Mast	Dates	06/06/2017 - 31/07/2017
Main activities and responsibilities		
Provincia Autonoma di Trento — Servizio Istruzione e Formazione del secondo grado, Università e Ricerca https://ricercaintrentino.provincia.tn.it/ Dates 30/01/2017 – Today Occupation or position held Expert Experts for the Open (COST) Call OC-2016-2 Type of business or sector Same and address of employer Dates 27/01/2017 – 10/11/2017 Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates 27/01/2017 – 10/11/2017 Occupation or position held Member of the Commission Expert Group Evaluator & Expert Review of scientific projects/proposals for the Lazio Region POR FESR LAZIO 2014-2020 – Life 2020. Lazio Innova (Regione Lazio) http://www.lazioinnova.it/ Type of business or sector Thesis Member of the Commission for the Evaluation of Master Thesis Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering an interdisciplinary course of Study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of RWTH Aachen University (Germany)	Main activities and	Evaluator & Expert Review of scientific projects/proposals for the Trentino Alto Adige Region. Ex-ante Evaluation. In itinere Monitoring. Post-ante
secondo grado, Università e Ricerca https://ricercaintrentino.provincia.tn.it/ Dates 30/01/2017 – Today Occupation or position held Expert Main activities and responsibilities Type of business or sector Name and address of employer Dates 27/01/2017 – 10/11/2017 Occupation or position held Main activities and responsibilities Type of business or sector Name and address of employer Dates 27/01/2017 – 10/11/2017 Occupation or position held Member of the Commission Expert Group Evaluator & Expert Review of scientific projects/proposals for the Lazio Region Type of business or sector Name and address of employer Dates 15/11/2016 – Today Occupation or position held Member of the Commission for the Evaluation of Master Thesis Main activities and responsibilities Type of business or sector Name and address of main activities and responsibilities Type of business or sector Type of business or sector Name and address of RWTH Aachen University (Germany)	Type of business or sector	
Expert		secondo grado, Università e Ricerca
Expert Expert Expert Expert Expert Experts for the Open (COST) Call OC-2016-2	Dates	30/01/2017 - Today
Experts for the Open (COST) Call OC-2016-2 Type of business or sector External Experts to evaluate proposals is made by the COST Association		Control of the Contro
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among researchers, engineers and scholars across Europe http://www.cost.eu/ Dates 27/01/2017 — 10/11/2017 Occupation or position held Member of the Commission Expert Group Main activities and responsibilities Region Type of business or sector Name and address of employer Dates 15/11/2016 — Today Occupation or position held Member of the Commission for the Evaluation of Master Thesis Main activities and responsibilities Member of the Commission for the Evaluation of Master Thesis Main activities and responsibilities Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHE) University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of RWTH Aachen University (Germany)	Type of business or sector	External Experts to evaluate proposals is made by the COST Association
Member of the Commission Expert Group		among researchers, engineers and scholars across Europe
Member of the Commission Expert Group	Dates	27/01/2017 10/11/2017
Main activities and responsibilities Type of business or sector Name and address of employer Dates Dates Occupation or position held Main activities and responsibilities Main activities and responsibilities Type of business or sector Name and address of employer Dates Type of business or sector Name and address of employer Dates Type of business or sector Name and address of Region POR FESR LAZIO 2014-2020 – Life 2020. Lazio Innova (Regione Lazio) http://www.lazioinnova.it/ Member of the Commission for the Evaluation of Master Thesis Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHE) University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of RWTH Aachen University (Germany)		
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Dates Dates 15/11/2016 - Today Occupation or position held Member of the Commission for the Evaluation of Master Thesis Main activities and responsibilities Thesis. International Biomedical Engineering Course of Study (AACHE) University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of RWTH Aachen University (Germany)	Type of business or sector	POR FESR LAZIO 2014-2020 – Life 2020.
Occupation or position held Member of the Commission for the Evaluation of Master Thesis Main activities and responsibilities Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHE University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of Member of the Commission for the Evaluation of Master Thesis Member of the International Commission of Examinations for Master Thesis Member of the International Commission of Examinations for Master Thesis		Lazio Innova (Regione Lazio) http://www.lazioinnova.it/
Occupation or position held Member of the Commission for the Evaluation of Master Thesis Main activities and responsibilities Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHE University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of Member of the Commission for the Evaluation of Master Thesis Member of the International Commission of Examinations for Master Thesis Member of the International Commission of Examinations for Master Thesis	Dates	15/11/2016 - Today
Main activities and responsibilities Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHE University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. Type of business or sector Name and address of Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHE University). The Master's of Science program in Biomedical Engineering an interdisciplinary course of study involving interaction between the natural sciences, medicine, and engineering. RWTH Aachen University (Germany)		
Type of business or sector University Name and address of RWTH Aachen University (Germany)	Main activities and	Member of the International Commission of Examinations for Master Thesis. International Biomedical Engineering Course of Study (AACHEN University). The Master's of Science program in Biomedical Engineering is an interdisciplinary course of study involving interaction between the
Name and address of RWTH Aachen University (Germany)	Type of business or sector	
The state of the s		

Dates	05/10/2016 20/07/2017
Occupation or position held	Expert/Scientific consultant
Main activities and responsibilities	Evaluator and Expert Review. Member of the Register of Experts in the Field of Innovation and Technology Transfer
Type of business or sector	POR FESR FVG 2014-2020. Projects submitted under the invitation to tender entitled "Incentives for "Standard" and "Strategic" projects. R & D to achieve through public-private- Maritime Technologies and Smart Health specialization areas"
Name and address of employer	Friuli Venezia Giulia Region "Direzione Centrale Lavoro, Formazione, Istruzione, Pari Opportunità, Politiche Giovanili, Ricerca e Università. Are Istruzione, Formazione e Ricerca"
Dates	21/10/2016 Today
Occupation or position held	Evaluator
Main activities and responsibilities	Evaluator & Expert Review of scientific projects
Type of business or sector	Oesterreichische Nationalbank (OeNB) Anniversary Fund (www.oenb.at/en)
Name and address of employer	OeNB Anniversary Fund is an Institution of the Austrian Central Bank which promotes projects in scientific research field
Dates	27/04/2016 06/05/2016
Occupation or position held	Evaluator
Main activities and responsibilities	Evaluator & Expert Review of scientific projects
Type of business or sector	Financing research projects, on the basis of the "Banco di Sardegna Foundation" resources
Name and address of employer	University of Sassari (https://www.uniss.it/ricerca)
Dates	28/07/2015 03/11/2015
Occupation or position held	Expert/Scientific consultant
Main activities and responsibilities	Evaluator and Expert Review.
Type of business or sector	POR FESR 2014-2020.
Name and address of employer	Regione Emilia Romagna (http://www.regione.emilia-romagna.it/fesr/por-fesr/por2014-2020/por-fesr-2014-2020)
Dates	25/02/2015 30/03/2015
Occupation or position held	Expert/Scientific consultant
Main activities and responsibilities	Evaluator and Expert Review. Member of the Register of Experts in the Field of Innovation and Technology Transfer
Type of business or sector	POR FSE CALABRIA 2007-2013.
Name and address of employer	FINCALABRA S.P.A. (http://www.fincalabra.it/)
Dates	08/04/2015 Today
Occupation or position held	Member of the Joint Committee
Main activities and responsibilities	Scientific Expert
Type of business or sector	Member of the Joint Committee within the Framework Convention between the National Research Council and the University of Camerino
Name and address of employer	CNR (National Research Council)
	01/10/0014 00/10/0015
Dates	01/12/2014 30/12/2017

NO

NO

NO

No.

Occupation or position held	Evaluator
Main activities and	Evaluator & Expert Review of scientific projects
responsibilities	
Type of business or sector	"AGENDA DIGITALE & INDUSTRIA SOSTENIBILE" CALL Horizon 2020 (MISE)
Name and address of employer	CNR (National Research Council)-MISE (Ministry of Economic Development)
Dates	15/11/2012 31/03/2015
Occupation or position held	Technical Officer
Main activities and responsibilities	Evaluator & Expert Review of scientific projects
Type of business or sector	CALL Made in Italy (MISE)
Name and address of employer	Invitalia- Italian national agency for investment promotion and enterprise development http://www.invitalia.it/site/eng/home.html
Dates	01/12/2014 30/12/2017
Occupation or position held	Evaluator
Main activities and responsibilities	Evaluator & Expert Review of scientific projects
Type of business or sector	"FONDO CRESCITA SOSTENIBILE" CALL Horizon 2020 (MISE)
Name and address of employer	CNR (National Research Council)-MISE (Ministry of Economic Development)
Dates	18/02/2014 31/07/2014
Occupation or position held	Members of the Commission Expert Group
Main activities and responsibilities	Evaluator & Expert Review of scientific projects/proposals
Type of business or sector	PAC (Piano Azione e Coesione) proposals in view of provision of pre- commercial public procurement procedures (MISE-MIUR)
Name and address of employer	Invitalia- Italian national agency for investment promotion and enterprise development http://www.invitalia.it/site/eng/home.html
Dates	02/03/2013 Today
Occupation or position held	Researcher
Main activities and responsibilities	Scientific Consultant
Type of business or sector	Scientific Consultant in Biomedical Engineering field
Name and address of employer	Department of Biomedical Science National Research Council – Piazzale Aldo Moro, 7 Rome http://dsb.cnr.it/Department/Staff.aspx
Dates	26/06/2012 01/09/2018
Occupation or position held	Expert/Scientific consultant
Main activities and	Evaluator and Expert Review for PAR-FAS projects. Member of the
responsibilities Type of business or sector	Register of Experts in the Field of Innovation and Technology Transfer INNOVATION AND TECHNOLOGY TRANSFER. INFORMATION AND COMMUNICATIONS TECHNOLOGY.
Name and address of employer	Finanziaria Ligure per lo Sviluppo Economico - FI.L.S.E. S.p.A. http://www.filse.it/
Dates	15/03/2010 Today
Occupation or position held	Researcher
Main activities and responsibilities	Scientific consultant
Type of business or sector	MEMBER of the Scientific Council

-	Name and address of employer	Inter-University Consortium National Institute of Cardiovascular Research (INRC). Via Irnerio, 48 Bologna http://www.inrc.it/consiglio-scientifico/
	Dates	29/09/2008 Today
	Occupation or position held	Expert Control of the
-	Main activities and responsibilities	MEMBER of the Register of EXPERTS & REVIEWERS of CINECA
,	Type of business or sector	INNOVATION AND TECHNOLOGY TRANSFER. INFORMATION AND COMMUNICATIONS TECHNOLOGY.
_	Name and address of employer	Ministry of Education, University and Research (M.I.U.R.) http://hubmiur.pubblica.istruzione.it/web/ricerca/home
	Dates	20/02/2008 Today
	Occupation or position held	Expert
_	Main activities and responsibilities	MEMBER of the Register of EXPERTS & REVIEWERS of M.I.S.E.
) —	Type of business or sector	INNOVATION AND TECHNOLOGY TRANSFER. INFORMATION AND COMMUNICATIONS TECHNOLOGY.
_	Name and address of employer	Ministry of Economic Development (MISE). http://www.sviluppoeconomico.gov.it/index.php/it/
-	Dates	20/06/2007 Today
	Occupation or position held	Expert
	Main activities and responsibilities	Evaluator and Expert Review.
	Type of business or sector	Expert on evaluation project proposals submitted to EUROPEAN COMMISSION. Expert on innovation procurement & process management, R&D&I strategy design, implementation and evaluation.
	Name and address of employer	European Commission
-		30/12/1987 Today
-	Dates	Researcher
-	Occupation or position held Main activities and	Researcher
	responsibilities	Researcher
	Type of business or sector	Researcher in Biomedical Engineering field
_	Name and address of employer	Institute of Clinical Physiology UOS of Rome National Research Council Via Palestro, 31-00185 Rome
	Dates	31/01/2012 Today
-	Occupation or position held	Expert
	Main activities and responsibilities	Evaluator and Expert Review
	Type of business or sector	Expert to evaluate project proposals submitted to DEUTSCHE FORSCHUNGSGEMEINSCHAFT German Research Foundation
_	Name and address of employer	Deutsche Forschungsgemeinschaft DFG, German Research Foundation - http://www.dfg.de/en/index.jsp
-	Dates	30/10/2006 31/12/2012 .
-	Occupation or position held	Researcher
	Main activities and responsibilities	Scientific Consultant
-	Type of business or sector	Scientific Consultant in Biomedical Engineering field
	Name and address of employer	Department of Medicine National Research Council – Piazzale Aldo Moro 7 – 00185 Rome
2004000		

Dates	23/01/2007 23/01/2012
Occupation or position held	Member of the research network
Main activities and responsibilities	Researcher
Type of business or sector	National Network Research TissueNET
Name and address of employer	Institute of Biomedical Technologies National Research Council - Piazzale Aldo Moro, 7 - 00185 Rome
Dates	30/08/2011 Today
Occupation or position held	Expert
Main activities and responsibilities	Evaluator and Expert Review
Type of business or sector	Expert to evaluate project/proposals submitted for the public tender in research and experimental development and innovation 2011 for the Programme of the Technology Agency of the Czech Republic
Name and address of employer	Technology Agency of the Czech Republic - Evropska 2589/33b 160 00 Prague 6 Czech Republic http://www.taftie.org/content/ta-cr-czech-republic
	The state of the s
Dates	18/07/2011 Today
Occupation or position held	Expert
Main activities and responsibilities	Evaluator and Expert Review
Type of business or sector	Expert to evaluate project in the context of the «Framework Programme fo Research, Technological Development and Innovation 2009-2010» (DESMI 2009-2010). DESMI 2009-2010 IS CO-FUNDED BY THE REPUBLIC OF CYPRUS AND THE EUROPEAN REGIONAL DEVELOPMENT FUND
Name and address of employer	National Research Programmes Unit Research Promotion Foundation (Cyprus) - Strovolos Avenue 123Post Code 2042 Strovolos Nicosia CYPRUS
	VISITING FELLOW
1988; 1995; 1999	INSTITUTE OF BIOCYBERNETICS AND BIOMEDICAL ENGINEERING. POLISH ACADEMY OF SCIENCES (IBIB-PAN)
1991;1992	NATIONAL INSTITUTES OF HEALTH (N.I.H.). NATIONAL HEART, LUNG, AND BLOOD INSTITUTE. BETHESDA, MARYLAND (U.S.A.)
3006	IWATE PREFECTURAL UNIVERSITY. FACULTY OF SOFTWARE AND INFORMATION SCIENCE. IWATE, JAPAN
	VISITING PROFESSOR
004;2006;2008	POLSKA AKADEMIA NAUK -INTERNATIONAL CENTRE OF BIOCYBERNETICS. POLISH ACADEMY OF SCIENCES (IBIB-PAN)
:009	IWATE PREFECTURAL UNIVERSITY. FACULTY OF SOFTWARE AND INFORMATION SCIENCE. IWATE, JAPAN
2015;2016	RWTH AACHEN UNIVERSITY, MEDICAL FACULTY (AACHEN-GERMANY)
2015	TEACHING UNIVERSITY GEOMEDI, MEDIÇAL FACULTY (TBILISI-GEORGIA)

From 2011 Head of "Telecardiology & Clinical Applications of Numerical Modeling of Biological Systems" Research Unit of the Inter-University Consortium: National Institute for Cardiovascular Research (INRC). Via Irnerio, 48 Bologna.

http://www.inrc.it/telecardiologia-applicazioni-cliniche-di-modelli-numerici-di-sistemi-biologici-claudiode-lazzari/

The Research Unit consists of researchers from several Italian universities and researchers of the National Research Council (C.N.R.)

Dates 01/06/2017 - 31/08/2018 Project Title INTEROMICS Heart Failure: "in silico" and "in vitro" mesenchymal stem cell study Role Principal Investigator Web Site http://www.interomics.eu/ Financed by Ministry of Education, University and Research (MIUR) Prot. N. 0081575/2017 del 12/12/2017 Involved organizations National Research Council of Italy; Sapienza University (Rome) Dates 01/2016 Today	
Project Title INTEROMICS Heart Failure: "in silico" and "in vitro" mesenchymal stem cell study Role Principal Investigator Web Site http://www.interomics.eu/ Financed by Ministry of Education, University and Research (MIUR) Prot. N. 0081575/2017 del 12/12/2017 Involved organizations National Research Council of Italy; Sapienza University (Rome) Dates 01/2016 Today	
Role Principal Investigator Web Site http://www.interomics.eu/ Financed by Ministry of Education, University and Research (MIUR) Prot. N. 0081575/2017 del 12/12/2017 Involved organizations National Research Council of Italy; Sapienza University (Rome) Dates 01/2016 Today	
Web Site http://www.interomics.eu/ Financed by Ministry of Education, University and Research (MIUR) Prot. N. 0081575/2017 del 12/12/2017 Involved organizations National Research Council of Italy; Sapienza University (Rome) Dates 01/2016 Today	
Financed by Ministry of Education, University and Research (MIUR) Prot. N. 0081575/2017 del 12/12/2017 Involved organizations National Research Council of Italy; Sapienza University (Rome) Dates 01/2016 Today	1.1504
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Involved organizations National Research Council of Italy; Sapienza University (Rome) Dates 01/2016 Today	
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Project Title Telecardiologia & simulazione in medicina	
Role Principal Investigator	
Web Site https://intranet.cnr.it/intranet/istituti/pdgp/progprev2016-2018/Anagrafica_progetto_intra.html?id_prog=19806	
Financed by National Research Council of Italy (CNR)	Nasti
National Research Council of Italy, Sapienza University (Rome), AACHEN University; Cardiocentro Ticino (Lugano, Switzerland); Consorzio Interuniversitario Istituto Nazionale per le Ricerche Cardiovascolari (Bologna); Dipartimento di Matematica, Università degli Studi di Torino; Teaching Geomedi University (Tbilisi, Georgia); Medizinische Universitaet Innsbruck (Austria); Sapienza Università (Roma) – Facoltà di Ingegneria; Sapienza Università (Roma) – Dipartimento di Scienze Cardiovascolari, Respiratorie, Nefrologiche, Anestesiologiche e Geriatriche.	
Dates 01/2016 Today	
Project Title Telecardiologia & simulazione in medicina	
Dates 07/2009 - 06/2012	
Project Title Simulatori Numerici di Ausilio all'Attività Clinica	C COL
Role Scientific Head	
Web Site	
Financed by Istituto Nazionale per le Ricerche Cardiovascolari (Bologna)	
Involved organizations National Research Council of Italy (CNR); Istituto Nazionale per le Ricerche Cardiovascolari (Bologna); U.O. di Cardiologia dell'Università Sapienza (POLO PONTINO).	Staten
Dates 04/2013 - Today	
Project Title Telecardiologia & Applicazioni Cliniche di Modelli Numerici di Sistemi Biologici	
Role Principal Investigator	
Web Site http://www.inrc.it/telecardiologia-applicazioni-cliniche-di-modelli-numerici-di-sistemi-biologici-claudio-de-lazzari/	
Financed by Consorzio Interuniversitario Istituto Nazionale per le Ricerche Cardiovascolari (Bologna)	
Involved organizations National Research Council of Italy, Sapienza University (Rome), AACHEN University; Consorzio Interuniversitario Istituto Nazionale per Ricerche Cardiovascolari (Bologna); Teaching Geomedi University (Tbilisi, Georgia)	le le
Dates 07/2009 - 06/2012	
Project Title Simulazione Numerica dell'Interazione tra Sistema Circolatorio, Dispositivi per l'Assistenza Meccanica al Circolo e Dispositivi per la Ventilazione Meccanica Assistita	
Role Scientific Head	



Financed by	National Research Council of Italy (CNR)
Involved organizations	National Research Council of Italy (CNR); Istituto Nazionale per le Ricerche Cardiovascolari (Bologna); U.O. di Cardiologia dell'Università Sapienza (POLO PONTINO).
Dates	06/1989 - 06/1993
Project Title	Digital Simulation of the Cardiovascular System and Ventricular Assist Device
Role	Scientific Head
Web Site	
Financed by	National Research Council of Italy (CNR)
Involved organizations	National Research Council of Italy (CNR); Institute of Biocybernetic and Biomedical Engineering – Polish Academy of Science; Medicina e Chirurgia II (Sapienza University); National Heart, Lung, and Blood Institute (Bethesda USA); Istituto di Chirurgia del Cuore e dei Grassi Vasi (Sapienza University).

BIOGRAPHICAL SKETCH

Graduated in Electronic Engineering at the University of Rome 'La Sapienza'. Specialization in Biomedical Engineering. Since 1987 he is researcher at the Italian National Research Council (C.N.R.). After having joined the Institute for Biomedical Technologies (ITBM), he now joins the Institute of Clinical Physiology in Rome (IFC). He is Head of "Telecardiology & Clinical Applications of Numerical Modeling of Biological Systems" Research Unit of the National Institute for Cardiovascular Research (I.N.R.C.).

His main research interest is in the field of biomedical engineering (modeling of the cardiovascular and respiratory systems for research, educational and clinical applications; modeling of mechanical circulatory and ventilatory assist devices; telecardiology assistance; e-Learning for health care professionals).

He acts as project evaluator and reviewer in the UE e-Health sector. He is project evaluator, reviewer for: Deutsche Forschungsgemeinschaft German Research Foundation; The Technology agency of the Czech Republic and Cyprus Research Promotion Foundation.

He is project evaluator, reviewer and expert for different Italian public administrations: "Ministero dello Sviluppo Economico in Innovazione Tecnologica"; "Ministero dell'Istruzione dell'Università e della Ricerca MiUR"; Calabria, Emilia Romagna, Sicily, Sardegna, Friuli Venezia Giulia, Lazio, Toscana, Trentino Alto Adige Liguria and Campania regions.

He is author of more 180 international referred articles, many chapters in books and he is editor of seven books. He has served in many Program Committees in international conferences, and he is reviewer for several international journals. Actually, he is in the scientific council of the National Institute of Cardiovascular Research (I.N.R.C.) and he is bioengineering "Scientific Consultant" for the Department of Biomedical Science of the C.N.R. He received (2015) the Doctor Honoris Causa degree from Teaching University Geomedi (Georgia).

TOPICS OF INTEREST

CARDIOVASCULAR SYSTEM MODELING: R&D on software to implement numerical and hybrid simulators (numerical/hydraulic and numerical/electric) of the cardiovascular system. Clinical data validation.

RESPIRATORY SYSTEM MODELING: of heart-lung interaction during mechanical ventilation and mechanical circulatory assistance. Thoracic artificial Lung (TAL) and Extracorporeal Membrane Oxygenation (ECMO): R&D on numerical and hydraulic models. Clinical data validation.

CARDIAC RESYNCHRONIZATION THERAPY (CRT): R&D on a numerical model of the cardiovascular system enables to reproduce severe and moderate heart failure (HF) and the effects of cardiac resynchronization therapy (CRT) using a biventricular pacemaker. The software will be useful for cardiologist to optimize pacemaker temporization.

VENTRICULAR ASSIST DEVICES PROTOCOLS: R&D on Ventricular Assist Devices (VADs) protocols for the management of pulsatile and continuous flow VADs: "in vitro" test for pulsatile/continuous flow pumps.

ECHOCARDIOGRAPHIC IMAGING: R&D of echocardiographic imaging in order to implement software for improving idiopathic pulmonary arterial hypertension (PAH) management. Evaluation of new right ventricular strain index. Clinical data validation.

R&D ON ONTOLOGIES IN THE FIELD OF CARDIOVASCULAR ENGINEERING: Applications on mechanical assist devices, heart valves and biomedical equipments. R&D on ontologies applied to pharmacovigilance to analyse adverse experiences related to drug assumption.

TELECARDIOLOGY: Telecardiology pilot study designed for students in order to prevent cases of sudden cardiac death (SCD). R&D on wearable device enables to acquire and send in-real time several haemodynamic parameters and electrical signals. The device is equipped with a software enabling to predict (using numerical models) starting from measured data, haemodynamic and energetic parameter values that cannot be directly measured.

E-LEARNING AND MEDICAL SIMULATION TRAINING (MST): courses for medical clinical and biomedical engineer students and for physicians and other medical professionals (i.e. Cardiologist, Cardiac Surgeons, Anaesthesiologists, Family medicine physicians, Clinical perfusionists, nurses, etc.).

NUMERICAL STEM CELL THERAPY: R&D on a numerical model to analyse nutrient transport and cardiac stem cell proliferation in an ischemic area of the heart. Simulation of stem cell therapy for different types of HF. In silico and in vitro study.



KEYNOTE LECTURES

- ✓ Lecture title: "Modeling and Simulation Support for Cardiovascular and respiratory systems". RWTH AACHEN UNIVERSITY, MEDICAL FACULTY (Aachen-Germany). (2016)
- ✓ Lecture title: "Medical education: Simulation in clinical teaching and learning". TEACHING UNIVERSITY GEOMEDI, MEDICAL FACULTY (Tbilisi-Georgia). (2015)
- ✓ Lecture title: "Screening in Italy for Sudden Cardiac Death Prevention: A Telecardiology Pilot Project". RWTH AACHEN UNIVERSITY, MEDICAL FACULTY (Aachen-Germany). (2015)
- Lecture title: "TELECARDIOLOGY THE SERVICES AS A MODEL IN TELEMEDICINE.".

 "SAPIENZA" UNIVERSITY OF ROME. 2ND ITALIAN-RUSSIAN FORUM OF THE INNOVATIONS ON "STRATEGIES FOR COOPERATION, INVESTMENT AND DEVELOPMENT TELEMEDICINE and TELEDIDACTIS -".

 The meeting is sponsored by "Sapienza" and the Center for Russian Studies of the Russkiy Mir Foundation in Moscow, in cooperation with Cemas (Center for research cooperation with Eurasia, the Mediterranean and sub-Saharan Africa) and EURISPES (Institute of Political Studies, economic and social). The Rector's Palace, Hall of the Academic Senate, Rome (2012).
- ✓ Lecture title: "CARDIOSIM®: Numerical Simulator of the Cardiovascular System".

 4TH INTERNATIONAL SYMPOSIUM ON SOFTWARE TECHNOLOGY ---IWATE PREFECTURAL UNIVERSITY FACULTY OF SOFTWARE AND INFORMATION SCIENCE" (Iwate-Japan). (2009)
- ✓ Lecture title: "CARDIOSIM©: an e-learning software to study simultaneous effects of VAD and Mechanical Ventilatory assistance".

 POLSKA AKADEMIA NAUK -INTERNATIONAL CENTRE OF BIOCYBERNETICS-. 101ST ICB Seminar on "DEVELOPMENT OF CIRCULATORY AND RESPIRATORY SUPPORT -FROM CLINICAL PROBLEMS TO MODELLING-". Warsaw, Poland. (2008)
- ✓ Lecture title: "A Family of Circulatory Computers Models developed to analyse and predict Physiopathological Events: application to Microcirculatory and Ventilatory Assistance".

 POLSKA AKADEMIA NAUK -INTERNATIONAL CENTRE OF BIOCYBERNETICS-. 88TH ICB Seminar on "CIRCULATORY AND RESPIRATORY PROCESSES –MODELLING, MECHANICAL ASSISTANCE AND APPLICATIONS IN ANESTHESIA, INTENSIVE CARE AND BIOFEEDBAK". Warsaw, Poland. (2006)
- ✓ Lecture title: "A new software platform to study the cardiovascular and respiratory systems".

 2ND INTERNATIONAL SYMPOSIUM ON SOFTWARE TECHNOLOGY ---- IWATE PREFECTURAL UNIVERSITY FACULTY OF SOFTWARE AND INFORMATION SCIENCE" (Iwate-Japan). (2006)
- ✓ Lecture title: "A family of circulatory models developed to analyze the effects produced by VAD and/or mechanical ventilation assistances on haemodynamic variables".

 POLSKA AKADEMIA NAUK -INTERNATIONAL CENTRE OF BIOCYBERNETICS-. 77TH ICB Seminar on "HEART AND LUNGS ASSISTANCE STATE OF THE ART". Warsaw, Poland. (2004)

COPYRIGHT SOFTWARE

✓ C. De Lazzari, D. Stalteri:

CARDIOSIM[©] Website (2011-2019). (https://cardiosim.dsb.cnr.it/) Original website platform regarding the implementation of the cardiovascular software simulator titled CARDIOSIM[©]. Database system: design, access, implementation, & management.

✓ C. De Lazzari, R. Mimmo, A. Nicoletti, G. Tosti, G. Ferrari, F. Clemente, M. Guaragno: CARDIOSIM[®] software (Interactive package software developed in order to study the interactions between the cardiovascular system and different mechanical circulatory and ventilatory assist devices. User: Research, Education and Study)

https://brevetti.cnr.it/brevetti/reports/InfoTrovatoEn.jsp?nsrif=1327&dip=4

Operating System (OS):

WINDOWS

Programming language:

C++ e Visual Basic®.

Copyright n.

001252 ----17/05/1999.

✓ C. De Lazzari, R. Mimmo, D. Ambrosi, G. Ferrari, G. Tosti:

CARDIOSIM® software (Interactive package software developed in order to study the interactions between the cardiovascular system and pneumatic ventricular assist device).

https://brevetti.cnr.it/brevetti/reports/InfoTrovatoEn.jsp?nsrif=840&dip=4

Operating System (OS):

MS-DOS

Programming language:

TurboBasic.

Copyright n.

320896 -----22/07/1991.



LIST OF PUBLICATIONS (papers published in the last six years) De Lazzari is author of more 180 international referred articles. (More than 120 first-name papers)

- 2019 C. De Lazzari, M. Capoccia, S. Marconi. How can LVAD support influence ventricular energetics parameters in advanced heart failure patients? A retrospective study .Computer Methods and Programs in Biomedicine, 172, 117-126. (https://doi.org/10.1016%2Fj.cmpb.2019.02.012)
- 2018 M. Capoccia, S. Marconi, C. De Lazzari. A Simulation Approach to Guide Therapeutic Intervention in Advanced Heart Failure PROCEEDINGS of BioMedEng18 Conference, 2018. p. 87 ISBN 978-1-9996465-0-9.
- 2018 S. Marconi, C. De Lazzari. A Lumped Parameter Model of Airway/Lung Mechanics. PROCEEDINGS OF THE 30TH EUROPEAN MODELING AND SIMULATION SYMPOSIUM, 2018. (ISBN 978-88-85741-03-4). Edit by Affenzeller, Bruzzone, Jiménez, Longo, Merkuryev and Piera. 54-58.
- 2018 S. Marconi, M. Ledda, A.M. Bersani, I. Giorgio, A. Lisi, E. Bersani, D. Andreucci, I. Genuini, D.M. Pisanelli, C. De Lazzari. Multidisciplinary Approach to Myocardial Regeneration: *In Vitro* and *In Silico* Studies of Stem Cells Behaviour. New TRENDS IN SOFTWARE METHODOLOGIES, TOOLS AND TECHNIQUES. PROCEEDINGS OF SOMET 2018. (ISBN 978-1-61499-899-0). Edit by H. Fujita, E. Herrera-Viedma IOS Press (Amsterdam), vol. 303; 121 134. doi: 10.3233/978-1-61499-900-3-121
- 2018 D.M. Pisanelli, C. De Lazzari, I. Genuini. An Ontology of Mechanical Circulatory Assist Devices Aimed at the Realization of a Decision Support System. NEW TRENDS IN SOFTWARE METHODOLOGIES, TOOLS AND TECHNIQUES. PROCEEDINGS OF SOMET 2018. (ISBN 978-1-61499-899-0). Edit by H. Fujita, E. Herrera-Viedma IOS Press (Amsterdam), vol. 303; 507 - 514. doi: 10.3233/978-1-61499-900-3-507
- 2018 M. Capoccia, S. Marconi, and C. De Lazzari. Decision-making in advanced heart failure patients requiring LVAD insertion: Can preoperative simulation become the way forward? A case study. Journal of Biomedical Engineering and Informatics, 4(2); 8-20. doi: https://doi.org/10.5430/jbei.v4n2p8
- 2018 M. Capoccia, S. Marconi, C. De Lazzari. A Simulation Approach to Guide Therapeutic Intervention in Advanced Heart Failure. PROCEEDINGS of BioMedEng18 Conference (ISBN 978-1-9996465-0-9),87. https://www.biomedeng18.com/conference-proceedings
- 2018 M. Ledda, E. D'Emilia, M.G. Lolli, R. Marchese, C. De Lazzari and A. Lisi. Non-Ionizing Radiation for Cardiac Human Amniotic Mesenchymal Stromal Cell Commitment: A Physical Strategy in Regenerative Medicine. Int. J. Mol. Sci. 19(8), 2324. doi: https://doi.org/10.3390/ijms19082324
- 2018 S. Marconi, C. Cappelli, M. Capoccia, D.M. Pisanelli, I. Genuini, and C. De Lazzari. A New Numerical Model of the Intra-aortic Balloon Pum. p as a Tool for Clinical Simulation and Outcome Prediction. In L. Lhotska et al. (eds.) World Congress on Medical Physics and Biomedical Engineering, Prague 3-8 June 2018. IFMBE Proceedings (68/3), 795-799. doi: 10.1007/978-981-10-9023-3 144
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- 2017 M. Capoccia, S.A. Singh, C. De Lazzari. The Role of Simulation for Preoperative Planning in Patients Requiring Mechanical Circulatory Support. In: Eskola H., Väisänen O., Viik J., Hyttinen J. (eds) EMBEC & NBC 2017. EMBEC 2017, NBC 2017 (ISBN 978-981-10-5122-7). Tampere 11-15 June 2017, IFMBE Proceedings, vol. 65, 559-562. doi: 10.1007/978-981-10-5122-7 140
- 2016 C. De Lazzari, B. Quatember. Cardiac Energetics in Presence of Lung Assist Devices: In Silico Study. Modeling and Numerical Simulation of Material Science, 6(3), 41-57 (ISSN Print 2164-5345 ----- ISSN Online 2164-5353). doi: http://dx.doi.org/10.4236/mnsms.2016.63005

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- 2016 A.M. Bersani, D. Andreucci, E. Bersani, I. Giorgio, M. Ledda, A. Lisi and C. De Lazzari. A
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- 2015 B. Quatember, W. Recheis, M. Mayr, S. Demertzis, G. Allasia, A. De Rossi, R. Cavoretto, E. Venturino, C. De Lazzari. Motion Analysis of the Heart Wall: Kinematic Approach and Visualization Issues. PROCEEDINGS OF 14TH MEETING ON APPLIED SCIENTIFIC COMPUTING AND TOOLS (MASCOT2015). Rome. June 9-12.
- 17. 2015 C. De Lazzari, M. Pirckhalava. Simulation in Medicine: Clinical Teaching and Learning. Cardiology and Internal Medicine XXI 14, 28-30 (ISSN 1512-1291).
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- 2019 M. Capoccia and C. De Lazzari. Mechanical Circulatory Assist Devices: Overview. In: CONCEPTS, MATHEMATICAL MODELLING and APPLICATIONS in HEART FAILURE. Massimo Capoccia and Claudio De Lazzari Eds. New York: Nova Science Publisher. (ISBN: 978-1-53614-771-1), 1-22.
- 2019 M. Capoccia, S. Marconi and C. De Lazzari. Review of Pressure-Volume Analysis. In: CONCEPTS, MATHEMATICAL MODELLING and APPLICATIONS in HEART FAILURE. Massimo Capoccia and Claudio De Lazzari Eds. New York: Nova Science Publisher. (ISBN: 978-1-53614-771-1), 23-76.
- 2019 C. De Lazzari, S. Marconi and M. Capoccia. Physiology of Ventricular Interdependence. In: CONCEPTS, MATHEMATICAL MODELLING and APPLICATIONS in HEART FAILURE. Massimo Capoccia and Claudio De Lazzari Eds. New York: Nova Science Publisher. (ISBN: 978-1-53614-771-1), 77-118.
- 2019 S. Marconi, M. Capoccia and C. De Lazzari. Mathematical Modelling of the Cardiovascular System In: CONCEPTS, MATHEMATICAL MODELLING and APPLICATIONS in HEART FAILURE. Massimo Capoccia and Claudio De Lazzari Eds. New York: Nova Science Publisher. (ISBN: 978-1-53614-771-1), 119-158.
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- 2017 C. De Lazzari, M. Pirckhalava Eds (2017). Book: CARDIOVASCULAR and PULMONARY ARTIFICIAL ORGANS: EDUCATIONAL TRAINING SIMULATORS. Published by Consiglio Nazionale delle Ricerche (CNR) ROMA (ISBN 978-88-8080-240-2).
- 2017 C. De Lazzari, M. Pirckhalava. "Medical Simulators for E-Learning and Teaching in Healthcare", in CARDIOVASCULAR and PULMONARY ARTIFICIAL ORGANS: EDUCATIONAL TRAINING SIMULATORS. C. De Lazzari, M. Pirckhalava Eds. Published by Consiglio Nazionale delle Ricerche (CNR) ROMA (ISBN 978-88-8080-240-2), 1-15.
- 2017 B. De Lazzari, B. Quatember, K. Mottaghy, C. De Lazzari. "Numerical Models of the Cardiovascular System: Interaction Between the Septum and the Left (Right) Ventricular and Atrial Free Wall", in CARDIOVASCULAR and PULMONARY ARTIFICIAL ORGANS: EDUCATIONAL TRAINING SIMULATORS. C. De Lazzari, M. Pirckhalava Eds. Published by Consiglio Nazionale delle Ricerche (CNR) ROMA (ISBN 978-88-8080-240-2), 17-31.
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- 2017 A.M. Bersani, E. Bersani, C. De Lazzari. "Interaction Between the Respiratory and Cardiovascular System: a Simplified 0-D Mathematical Model", in CARDIOVASCULAR and PULMONARY ARTIFICIAL ORGANS: EDUCATIONAL TRAINING SIMULATORS. C. De Lazzari, M. Pirckhalava Eds. Published by Consiglio Nazionale delle Ricerche (CNR) ROMA (ISBN 978-88-8080-240-2), 87-103.
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Roma 03/06/2019