

First name: **MARINELA**

Name : **ȘERBAN**

Date and place of birth: 12-th of July 1965, Lupeni, jud. Hunedoara.

Citizenship: ROMANIAN

Marital status: Married (Name previous to marriage: Roșu), 2 children.

**Education:**

- 1985 – 1990 – General Medicine Faculty, “Carol Davila” University of Medicine and Pharmacy, Bucharest – Doctor Diploma.
- 1991-1994 – Internship in Cardiology, “Prof. Dr. C. C. Iliescu” Institute of Cardiovascular Diseases, Bucharest – Specialist in Cardiology diploma.
- 1997 – “Carol Davila” University of Medicine and Pharmacy, Bucharest – Accreditation in transthoracic echocardiography.
- 1999 – “Prof. Dr. C. C. Iliescu” Institute of Cardiovascular Diseases, Bucharest – Staff cardiologist diploma.
- 2005 – “Carol Davila” University of Medicine and Pharmacy, Bucharest – Accreditation in transesophageal echocardiography.
- 05-08.2007 – Stage of training in new echocardiographic techniques (tissue doppler imaging, deformation imaging, 3D echocardiography), Department of Cardiology at the Azienda Ospedaliera Universitaria – University of Ferrara, Italy.

**Scientific title: DOCTOR IN MEDICINE** “Carol Davila” University of Medicine and Pharmacy , Bucharest (2006), for the thesis with the title: „Considerations on the myocardial hibernation”.

**Professional experience:**

- 1990 – 1991 – Colțea Hospital, Bucharest, Intern: General training.
- 1991 – 1994 – “Prof. Dr. C. C. Iliescu” Institute of Cardiovascular Diseases, Bucharest, resident doctor: Cardiology training.
- 1995 – Giurgiu Districtual Hospital – Cardiology specialist doctor: Applied clinical and research activity.
- 1995 – 2006 – “Prof. Dr. C. C. Iliescu” Institute of Cardiovascular Diseases, Bucharest – Staff cardiologist – Applied clinical and research activity.
- 2006 – Present – “Prof. Dr. C. C. Iliescu” Institute of Cardiovascular Diseases, Bucharest, Doctor in Medicine – Applied clinical and research activity.

**Present position : STAFF CARDIOLOGIST at THE “PROF. Dr. C. C. ILIESCU” INSTITUTE OF CARDIOVASCULAR DISEASES”**

**Accreditations:**

1. Transesophageal echocardiography in cardiovascular emergencies (acute aortic syndromes, prosthetic dysfunction, etc.)
2. Transthoracic and transesophageal echocardiography intra- and postoperative
3. Cardiac postinfarction remodelling
4. Non-invasive evaluation of haemodynamics in valvular pathology
5. New echocardiographic techniques to evaluate left ventricular function

**ELABORATED AND/OR PUBLISHED WORKS**

Coauthor of 29 book chapters, 17 articles in extenso published in journals, 80 scientific works communicated at Congresses and published in abstracts volumes (see addendum)

**SCIENTIFIC AFFILIATIONS:**

- Member of the Romanian Society of Cardiology
- Member of the Working Group of Echocardiography in the Romanian Society of Cardiology
- Member of the European Association of Echocardiography

- Member of the American Association of Echocardiography

FOREIGN LANGUAGES: ENGLISH  
FRENCH

#### SPECIALIZATIONS AND TRAININGS

##### **Postgraduate Courses:**

- Stage of training in new echocardiographic techniques (tissue doppler imaging, deformation imaging, 3D echocardiography), Department of Cardiology at the Azienda Ospedaliera Universitaria – University of Ferrara, Italy, may-july 2007
- European Course of Echocardiography, organized by the European Association of Echocardiography together with the Work Group of Echocardiography in The Romanian Society of Cardiology, Bucharest, 29-31 march 2007 „Doppler echocardiography, from basics to advanced applications”.
- Clinic epidemiology and biostatistics: data analysis, “Carol Davila” University of Medicine and Pharmacy, Bucharest, 2005
- Vascular Echography course, “Carol Davila” University of Medicine and Pharmacy, Bucharest, 2003
- Congenital Cardiac Diseases, “Carol Davila” University of Medicine and Pharmacy, Bucharest, 2002
- Stress Echocardiography in Myocardial Ischemia, Educational Programme of European Society of Cardiology, Belgrad, 2002
- Infectious Diseases of the Heart, Educational Programme of European Society of Cardiology, Belgrad, 2002
- First module of Cardiac Failure course, Romanian Society of Cardiology, 2001
- The 18th Postgraduate Course in Clinical Cardiology , Bucharest, 1996
- Advanced echocardiography course, “Carol Davila” University of Medicine and Pharmacy, Bucharest, 1996
- Diagnosis and treatment of high morbidity gastroenterological diseases, “Carol Davila” University of Medicine and Pharmacy, Bucharest, 1993
- Valvular heart diseases, diagnostic and treatment, “Carol Davila” University of Medicine and Pharmacy, Bucharest, 1993

#### **NATIONAL AND INTERNATIONAL RESEARCH PROGRAMMES, CLINICAL STUDIES**

- Discovery Alfa- Rosuvastatin versus Atorvastatin in the treatment of II A and II B hypercholesterolemia, “An open label, randomized multicentre, Phase IIIb, parallel group study to compare the efficacy and safety of Rosuvastatin and Atorvastatin in subjects with type IIa and IIb hipercholesterolaemia” - Position: Investigator
- Reach Registry-an international prospectiv observational register of patients at risk of atherothrombotic events: “Reduction of Atherothrombosis for continued health – An International prospective observational registry in subjects at risk of atherothrombotic events”, Sponsor: Sanofi-Avensis, Position: investigator, Finalized in 2006.
- EVEREST - Vasopresin receptor inhibitors versus placebo in the treatment of cardiac failure: Multicenter Randomized Double Blind Placebo-Controlled Study to Evaluate the Long Term Efficacy and Safety of Oral Tolvaptan Tablets in Subjects Hospitalized with Worsening Congestive Heart Failure: Efficacy of Vasopressin Antagonism in Heart Failure: Outcome Study with Tolvaptan. Position: Investigator, 2004-2006.
- ZOLIP – Efficacy and safety of the administration of the combination Simvastatin-Fenofibrat versus monotherapy with Pravastatin in treatment of mixed dyslipidemia: „Multicenter, double-blind, randomized, forced-titration study to compare the efficacy and safety of the combination of 145 mg fenofibrate and 20 or 40 mg simvastatin with 40 mg pravastatin monotherapy in patients with mixed dyslipidemia at risk of cardiovascular disease not adequately controlled by 40 mg pravastatin alone”, Position: Investigator, started in 2006, status: in progress.
- The benefit of PTCA myocardial revascularization on the cardiac remodelling. Correlational Study with the serum activity of metalproteinase-9, Program CNCSIS 2006, cod 595 (started 2007), Position: member of the research team, status: in progress.
- Development program of a echocardiography laboratory within the standards of european accreditation, PNII 2007, Position: member of the research team, 2007

- ROCKET AF: A Prospective, Randomized, Double-Blind, Double-Dummy, Parallel-Group, Multicenter, Event-Driven, Non-Inferiority Study Comparing the Efficacy and Safety of Once-Daily Oral Rivaroxaban (BAY 59-7939) with Adjusted-Dose Oral Warfarin for the Prevention of Stroke and Non-Central Nervous System Systemic Embolism in Subjects With Non-Valvular Atrial Fibrillation, Position: Investigator, 2007 - in progress.
- CURRENT: Randomized, multinational, double-blinded study, comparing a high dose regimen of Clopidogrel versus standard dose in patients with unstable angina or non-ST segment elevation myocardial infarction managed with an early invasive strategy”, Position: Study Coordinator, 2007- in progress.

#### **AWARDED PRIZES**

- First prize for best original work presented as a poster at: The XVII-th National Symposium of Echocardiography, Bucharest, 24-25 may 2002: R. Ionascu, B. Popescu, I. Gheorghiu, I. Stoian, Șerban M., I. Arsenescu, A. Popa, C. Ginghină - „Isolated noncompaction of ventricular myocardium and hypertrabeculated left ventricle – two different entities”.
- First prize of the Romanian Society of Cardiology for best original work, (The 42-th Congress of Cardiology, September 2003, Sinaia): I. Ghiorghiu, C. Ginghină, R. Ciudin, M. Șerban, B. Popescu, E. Apetrei - “Tachy-arrhythmic cardiomyopathy – a rare entity in children?”, Rev. Română de Cardiologie 2003; XVIII:158-159.
- Third prize for works concerning arterial hypertension (The 42-th Congress of Cardiology, September 2003, Sinaia): I. Ghiorghiu, C. Ginghină, M. Șerban, B. Popescu, I. Stoian, A. Popa, B. Fotiade, P. Platon, E. Apetrei -, „Predictive factors for the systemic hypertension evolution after repair of coarctation of the aorta”, Rev. Română de Cardiologie 2003; XVIII:133.
- First prize of the Romanian Society of Cardiology (The XX-th Echocardiography Symposium, 27-28 May 2005, Bucharest): Jurcut R., Popescu B.A., Ciudin R., Cojocar I., Șerban M., Ginghină C., „Correlations between the parameter of the mechanical asynchronism and the electrical cardiac parameter in patients with dilative cardiomyopathy”.
- Third prize of the Romanian Society of Cardiology (The XX-th Echocardiography Symposium, 27-28 May 2005, Bucharest): Rica O., Ghiorghiu I., Platon P., Calin C., Șerban M., Lupescu I., Popescu B.A., Burcea D., Ghionea M., Wohlfart K., Ginghină C., „Vascular lesions associated with aortic coarctation”.

I declare that the information contained in this document is accurate and in conformity with reality.