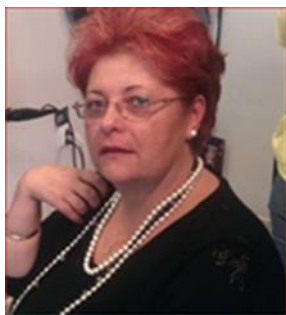


# Curriculum Vitae



**SURDU Olga**

**MD, PhD, Assoc. Prof.**

**Primary/First Degree Physician in  
Rehabilitation, Physical Medicine and  
Balneology**

## Personal information

Date of birth – 12.01.1957,

Gender – female

Nationality –Romanian

Mobile: +40752129140

e-mail adress: [olga@surdu.ro](mailto:olga@surdu.ro) [olga.surdu@yahoo.com](mailto:olga.surdu@yahoo.com) [olga.surdu@univ-ovidius.ro](mailto:olga.surdu@univ-ovidius.ro)

## Work experience in the field of position

- 01.10.2008 until 01.10.2017 Assoc. Prof, disciplines of Rehabilitation, Physical Medicine and Balneology
- 30.03.1988 – until present - MD Rehabilitation, Physical Medicine and Balneology;

## Occupation or position held

- 15.07.2014 - 30.12.2015 - **Director Research Center** – Ovidius University/project CERO, SMIS 135760;
- 01.10.2008 – until 01.10.2017 **Assoc. Prof. Rehabilitation** Physical Medicine and Balneology Disciplines at Ovidius University Constanța, Faculty of Medicine;
- 18.01.2007 –30.09.2008 **Medical Research and Development Director** at Balneal and Rehabilitation Sanatorium from Techirghiol (BRST);
- 27.10.1997 – 30.05. 1999 **Head of Rehabilitation Department** at BRST;

- 01. 12.1988 – 01. 02.1996 Medical Doctor, resident, specialist primary physician in Rehabilitation, Physical Medicine and Balneology;
- 01.12.1983 – 01.02.1988 –Medical Doctor, G.P.

## Main activities and responsibilities

1. Assoc. Professor at Medicine Faculty, Ovidius University of Constanta.
2. Primary physician in Rehabilitation, Physical Medicine and Balneology.

**Field of activity:** 1. Academic/Education - teaching MD residents and students at Faculty of Medicine the following disciplines: rehabilitation, kinetotherapy, orthotics, geriatrics rehabilitation, muscle electrostimulation, balneology; 2. Medical activity - having patients with rheumatologic, neuro-muscular, musculoskeletal diseases, after stroke, post-trauma, post - spinal cord injuries; 3. Research for medical development.

## Education and training

1. Oct. 2000 – June 2007 - Title of qualification awarded - **PhD in Medical Sciences;**

Principal subjects/occupational skills covered - „Comparative histological study on skin modifications induced by mud application/histology, balneology, peloidotherapy”; Name and type of organization providing education and training – Ovidius University of Constanța/education; **Level in national or international classification – 8, PhD.**

2. Feb. 1992 – Feb. 1996 - Title of qualification awarded - **MD, First degree (Primary) Physician in Rehabilitation, Physical Medicine and Balneology;**

Principal subjects/occupational skills covered - Health, Rehabilitation/ High knowledge/Advanced in Rehabilitation, Physical Medicine and Balneology/ Competences in diagnosis, functional evaluation and treatment of patients with disabilities / Skills for complexes medical conditions that need holistic and integrative approach at crossroad between rheumatology, orthopedic, neurology, and balneology, physical medicine and rehabilitation/ skills for team work; Name and type of organization providing education and training - National Centre for Education and Training of Medical Doctors/Post-university education; **Level in national or international classification – level 7**, primary/senior physician in Rehabilitation, Physical Medicine and Balneology.

3. March 1984 - Title of qualification awarded - **Second level in acupuncture ;**

Principal subjects/occupational skills covered - Acupuncture/diagnosis and application of needles in different functional condition Name and type of organization providing education and training - National Centre for Education and Training of Medical Doctors/Post-university education; Level in national or international classification – level Practitioner in acupuncture.

#### **4. December 1983 – Title of qualification awarded – Medical Doctor**

Principal subjects/occupational skills covered - Health, Medical Doctor, General Practitioner. Basic knowledge in general practice of medicine. Competences in diagnosis, and treatment of patients. / Name and type of organization providing education and training – University of Medicine and Pharmacy, Carol Davila, Bucharest, Romania. Level in national or international classification – level 6, medical doctor, general practitioner

## **Skills and competences**

**Personal skills and competences** Research and medical development management, organizing team work, priorities setting, solving problems, follow up of results, basics in medical balneal tourism, wellness, and spa medicine; project management; teaching;

Competences in diagnosis, functional evaluation and treatment of patients with disabilities / Skills for complexes medical conditions that need holistic and integrative approach at crossroad between rheumatology, orthopedic, neurology, and balneology, physical medicine and rehabilitation/ skills for team work;

**Organizational skills and competences** - Teamwork, communication, responsibility, leadership, appropriately management of time, setting priorities and tasks, results driven, problem solving.

**Technical skills and competences** - Advanced in medical balneology, rehabilitation, physical medicine, applying treatments with all medical devices used in Balneology and Rehabilitation, acupuncture, functional electro stimulation;

**Languages:** English, French;

**Computer skills** - Good command of office suite (word processor, spread sheet, presentation software);

**Driving license** - yes.

### **Scientific Activity**

#### **A. PhD: Magna cum Laudae**

**COMPARATIVE HISTOLOGICAL STUDY OF THE ACTION OF SAPROPELIC MUD FROM TECHIRGHIOLO ON THE TEGUMENT**

**Scientific Coordinator: Prof. Teofil Mehedinți, MD, PhD,  
Ovidius University, Faculty of Medicine, Constanta**

### **B. Member in Scientific Associations**

**B.1. Vice President of FEMTEC and Director for Scientific Research (Federation Mondial du Thermalisme et Climatisme – World Federation of Hydrotherapy and Climatotherapy)**

**B.2. Full Member in International Scientific Comity of ISMH (International Society of Medial Hydrology)**

**B.3. Member in Board of Romanian Society of Rehabilitation and Physical Medicine&Balneology**

**B.4. Member in Board of Romanian Association of Balneology**

### **C. Books and Chapters in Books:**

**1. OLGA SURDU „Evaluation of chemical factor of action in sapropelic mud from Techirghiol” (evaluarea factorului chimic de acțiune al nămolului sapropelic de Techirghiol), 2006, Bucharest, printed and published by The Publishing House: GRAMAR, 2006, ISBN: 978-973-591-520-9**

**2. Compendium of Neurorehabilitation in: Children, Mature and Old Peoples, 2008, Bucharest, printed and published by Carol Davila University of Medicine Bucharest publishing house, ISBN: 978-973-708-298-5; Chief Editors: ONOSE G., PADURE Liliana, editor coordinator SURDU Olga et all**

**3. SPONDILARTROPATHIES, 2000, Bucharest, printed and published by Publishing House of Romanian Academy, Chief Editors: ONOSE G, STĂNESCU-RĂUTZOIU Livia, POMPILIAN V-M. Editor coordinator: SURDU Olga vol. 2, chapter 15: rehabilitation using physical medicine and balneoclimatotherapy ISBN: 973-27-0761-5**

**4. PRIMARY CARE, 2010, Constanta, printied and published by Muntenia publishing house, Chef Editors: Mihaela Maria Ghinea, Zizi Niculescu, Editor coordinator: SURDU Olga, chapter: Balneo-physiotherapy in primary care**

**5. Osteoarthritis - Diagnosis, Treatment and Surgery, 2011, Croatia, printed and published by InTech, Chief Editors: Viorica Marin, Olga Surdu, Daniela Profir and Sibel Demirgian, Editor coordinator: SURDU Olga, chapter Osteoarthritis - Diagnosis, Treatment and Surgery**

### **D. International Prizes**

- 1. Gold Medal, Eureka 2002, Salon of inventions and new technologies Brussels**
- 2. Gold Medal - The 35<sup>th</sup> Salon of inventions and new technologies, Geneva 2007**
- 3. Vladislav Fadeev prize - The 35<sup>th</sup> Salon of inventions and new technologies, Geneva 2007,**
- 4. Bronze Medal - Invent 2007, Bucharest, International Salon of Inventions, Scientific Research and New Technologies**
- 5. Iranian Elite Academy Prize - Invent 2007, Bucharest, International Salon of Inventions, Scientific Research and New Technologies**

6. **Certificate of merit (award) for the best research on thermal medicine** - The 61<sup>th</sup> International Scientific Congress of the World Federation of Hydrotherapy and Climatotherapy. Guangdong (Zhuhai), China, 25<sup>th</sup> – 29<sup>th</sup> November 2008
7. **Certificate of merit in recognition of appreciation and esteem for your meritorious activities in the field of Hydrotherapy and Climatotherapy** - The National Conference of Neurosurgery and Neurorehabilitation with International Participation, Mamaia, Romania, 9-12 September 2009
8. **Gold medal for successes in spa activities** from All Russian Spa Association - The National Conference of Neurosurgery and Neurorehabilitation with International Participation, Mamaia, Romania, 9-12 September 2009
9. **Certificate of merit (award) for the best research on thermal medicine** - The 62<sup>th</sup> International Scientific Congress of the World Federation of Hydrotherapy and Climatotherapy. Yokohama, Japonia, 8<sup>th</sup> -12<sup>th</sup> November 2009

### **E. Manager and/or Team Member of Research Projects**

#### **E.1. Manager of Research Projects**

1. **First National Plan of Research, Development and Innovation 2000 – 2007, Programme 4 Viasan, project nr: 317/2004**, „Evaluation of chemical factor of action of sapropelic mud from Techirghiol in degenerative and inflammatory illness of locomotory system”.
2. **Research Grants of Romanian Academy, GAR 119/2005**, „Pharmacological samples of anti-inflammatory and condroprotectiv extract obtained from sapropelic mud of Techirghiol
3. **Research Grants of Romanian Academy, GAR 111/2006**, „Experimental study on animals of anti-inflammatory and condroprotectiv extract obtained from sapropelic mud of Techirghiol
4. **LEONARDO PROJECT 2011-2013 LLP-LdV/PAR/2011/Ro/125. Thermal Bath for Active Aging**

#### **E.2 Team Member of Research Projects**

- **RELANSIN 2000, Project 777.49.2/2000**, „System and method for the measurement of joint motion”.
- **TWR Project PL 016621, „Comparing emerging and legal differences impacting on European clinics trials”**, European Frame Programme FP VI included in **European Research Area**.
- **Research Grants of Romanian Academy GAR 124/2007 and GAR122/2008** „Effects of peloidotherapy on kidney cells apoptosis in patients with chronic kidney diseases and musculoskeletal comorbidities”
- **Research Grants of Romanian Academy GAR122/2007 and GAR121/2008** Protection of gastro-intestinal mucosa using antocianic products during therapy with NSAID.

- **Second National Plan of Research, Development and Innovation 2007 – 2013, programme: 5 Innovation, Project 1494, MASOVECH, 208/2008 „Multidisciplinary research on intelligent mechatronic equipment for vectorial masso-kinetotherapy”**
- **European project: TWR Project PL – 016621 “Comparing emerging and legal differences impacting on European clinics trials”**
- **Multicentric International Study - Bayer 12800/SPINART – 2010 - 2013**

#### **F. Patent Act**

**Nr. 121668/2008** Equipment for determination of cinematic parameters of joint motion in human being  
**Patentee: CARDEI V., SURDU Olga**

**Nr. a2012 00040/19.01.2012** Lipophilic bioactive extract from sapropelic therapeutic mud of Techirghiol Lake and obtaining process

**Patentee:** Bratu Mihaela – Mirela, Negreanu – Pârjol Ticuța, **Surdu Olga**, Doroftei Elena, Hoștină Corina, Mireșan Horațiu, Roncea Florentina Nicoleta .

**Nr. 2525432.** Complex device and program for diagnosis of human being physiological status.  
**Patentee:** Elena Nicolaevna Kornilov (RU), Nicolay Kornilov (RU), Olga Surdu (RO), Traian-Virgiliu Surdu (RO). (RU=Russian Federation, Stavropol).

#### **G. Articles and Studies Presented and/or Published**

**Over 50 articles and studies published as abstract, full text, oral presentation in the last 10 years.**