

## CURRICULUM VITAE

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| <b>Personal information</b>  |  |
| Name:  | <b>CORNELIU I. MOLDOVAN</b>  |
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| Telephone:   | 0722772362   |
| Fax:   |  |
| E-mail:  | <a href="mailto:cornelmoldvn@yahoo.com">cornelmoldvn@yahoo.com</a> |
| Nationality:   | Romanian   |
| <b>Current functions:</b>  |  |
| <ol style="list-style-type: none"><li>1. General Director “The National Institute for Complementary and Alternative Medicines “<i>Prof. Dr. Florin Bratila</i>” Bucharest (INMCA) of The Romanian Health Ministry</li><li>2. President of The Romanian Medical Acupuncture and Integrative Medicine Society</li><li>3. General Secretary of the National Committee for Complementary and Alternative Medicines of The Romanian Academy of Medicine</li><li>4. Vice-President of the Committee: Acupuncture, Homeopathy and Bee Phytotherapy of The Romanian College of Physicians</li><li>5. Member of The Romanian National Committee for Nutritional Supplements</li><li>6. Asoc. Prof. at the Medicine Faculty, TITU MAIORESCU UNIVERSITY, Bucharest, post University Courses for Integrative Medicines</li><li>7. Senior Lecturer at the Training Center for Physicians of The Romanian Health Ministry. Acupuncture Laser acupuncture and Low Level Laser therapy , proficiency courses.</li><li>8. Senior Scientist and Scientific Coordinator of INMCA from Romanian Medical Academy</li><li>9. Physician at Private Clinic for Integrative Medicines “<i>QI</i>” Bucharest</li></ol> |  |

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| <p><b>Awards and mentions</b></p> | <p>34. <b>Nomination MANAGER OF THE YEAR 2017 IN HEALTH, by INTERNATIONAL SOCRATES AWARD NOMINATION COMITEE, Oxford, UK</b></p> <p>33. <b>Nomination MANAGER OF THE YEAR by EUROPE BUSINESS ASSEMBLY, UK, 2016</b></p> <p>32. <b>SPECIAL PRIZE at INVENT-INVEST Iasi 2016, offered by the Institute of Genetics and Physiology of the Academy of Sciences of Republic of Moldova</b></p> <p>31. <b>SPECIAL AWARD “INOVIATION IN HEALTH” – INOVIATION IN HEALTH AWARDS, 2<sup>nd</sup> Edition, 2016, Bucharest</b></p> <p>30. <b>EXCELENCY DIPLOMA and SPECIAL AWARD of The CORNELIU GROUP, Cluj-Napoca, 2016</b></p> <p>29. <b>EXCELENCY DIPLOMA of The XIVth Edition of the PROINVENT International Salon of Inventions, Cluj-Napoca, 2016</b></p> <p>28. <b>GOLD MEDAL AWARD of The GENÈVE INVENTIONS 2015, SALON INTERNATIONAL DES INVENTIONS, GENÈVE, April 17, 2015, for “Ensemble de dispositifs passifs de resonance pour la stimulation de meridiens et de points d’ acupuncture”;</b></p> <p>27. <b>DIPLOME 2015 EUROPE FRANCE INVENTEURS SOC., April 2015, for “Ensamble de dispositifs passifs de resonance pour la stimulation de meridiens et de points d’ acupuncture”;</b></p> <p>26. <b>SILVER AWARD OF ARCA (Union of Croatian Inventors Society), April 17, 2015;</b></p> <p>25. <b>EXCELLENCY DIPLOMA AND GOLD MEDAL AWARD of The XIIIth Edition of The PROINVENT International Salon of Inventions, Cluj-Napoca, 2015</b></p> <p>24. <b>SPECIAL PRIZE and AWARD of “Acad. Prof. Pharmacy Ph.D. Ovidiu Bojor” Gala, October 2013;</b></p> <p>23. <b>COMPLEMENTARY MEDICINES EXCELLENCY AWARD, VIP Magazine Awards, Ambassadors of Science Section, November 29, 2013;</b></p> <p>22. <b>Awards Gala TOP PHYSICIAN PRIZE, Bucharest, May 29, 2013;</b></p> <p>21. <b>Romanian National Association for Patients Protection, EXCELLENCY DIPLOMA, 2013;</b></p> <p>20. <b>Honorary diploma ECO-EUROPE, Romanian Biographic Institute, 6.11.2009</b></p> <p>19. <b>Registration and Certificate of Award in “ENCICLOPEDIA PERSONALITATILOR DIN ROMANIA”, Who’s Who, Editura pentru Enciclopedia Personalitatilor S.A., Switzerland, 29.11.2005;</b></p> <p>18. <b>2000 MILLENNIUM MEDAL OF HONOR”. American Biographical Institute, October 1999.</b></p> <p>17. <b>Nomination – “MAN OF THE YEAR -1999” American Biographical Institute, Inc. July 1999;</b></p> <p>16. <b>Nominated and registered in the International Directory of Distinguished Leadership/ April 1999 –“ABI”;</b></p> <p>12,13,14,15: <b>Nomination and registration in “WHO’S WHO IN SCIENCE AND ENGINEERING”, 1998, 1999, Millennium Edition, 2002, 2003 Editions.;</b></p> <p>11: <b>Nomination and registration in “OUTSTANDING PEOPLE of the 20th CENTURY/ OUTSTANDING ACHIEVEMENT AWARDS”, International Bibliographical Centre Cambridge, England, 1998;</b></p> |
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|                                      | <p>7,8,9,10: Nomination and Registration in “WHO’S WHO IN MEDICINE AND HEALTHCARE”, 1998, 1999; <b>Millennium Edition</b> (2000/2001), 2002 Edition;</p> <p>2,3,4,5,6: <b>Nomination, Bibliographical Registration and Diploma “WHO’S WHO IN THE WORLD”, XIV<sup>th</sup> EDITION</b>, 1997, Bibliographical Registrations also in 1988, 1999, Millennium Edition, 2002, 2003;</p> <p>1. <b>Special Prize and Popularity Award</b> for the PULSAR-S2000 Computerized System created by IEMI Bucharest and presented at the <u>International Exhibition for Computing Technology and Informatics, Moscow, 27.05-13.06.1988</u></p>                          |
| Period                               | June 1993 onwards  |
| Name and address                     | “ <i>Prof. Dr. Florin Bratila</i> ” National Institute of Complementary and Alternative Medicine, Bucharest, Sos. Panduri 22, corp 2A, Bucharest 5 (formerly National Center for Acupuncture and Homeopathy Bucharest, Str. Visarion, nr. 44-46, Bucharest 1)  |
| Type of activity or sector           | Acupuncture, Laser acupuncture, Oncology, Research, Organizing medical activities  |
| Job title or position held           | General Director (2010 ongoing),<br>Medical Director (2004-2010),<br>Head of the Oncology, Laser Therapy and Computerized Medical Systems Compartment (1994 ongoing),<br>Head of the Research Compartment (1995 ongoing),<br>In charge of research matters at the Academy of Medical Sciences (1995 ongoing)   |
| Main activities and responsibilities | <ul style="list-style-type: none"> <li>- organizing medical activities at INMCA</li> <li>- participating in the management of the institute</li> <li>- working as a doctor under contract with the Bucharest Health Insurance House (CASMB) specializing in acupuncture and low power lasers</li> <li>- organizing and conducting scientific research in the Institute</li> <li>- coordinating 5 Research Projects/ Programs</li> <li>- organizing educational activities</li> <li>- postgraduate courses in acupuncture, laser acupuncture and complementary medicine</li> <li>- organizing national and international congresses on behalf of</li> </ul> |
| Period                               | October 1999 ongoing   |
| Name and address of employer         | <b>National Center for Professional Development in the Health Sector Bucharest, Str. Bodesti nr. 1, Bucharest 2, Romania</b>   |
| Type of activity or sector           | Courses and seminars in Acupuncture<br>Courses and seminars in Laser Therapy   |
| Job title or position held           | Trainer Lecturer<br>Lecturer   |
| Main activities and responsibilities | Trainer Lecturer - Certificate for complementary studies in acupuncture<br>Lecturer - Biostimulation using low power laser therapy   |

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| Period                               | 1993-1998   |
| Name and address of employer         | <b>SC “APRIL CONMED” SRL</b> , str. Dr. Marcovici, Bucharest 1  |
| Type of activity or sector           | Private practice  |
| Job title or position held           | Medical Director  |
| Main activities and responsibilities | Oncology, acupuncture, laser therapy  |
| Period                               |   |
| Name and address of employer         | <b>Ecological University Bucharest</b>  |
| Type of activity or sector           | Complementary Medicine/Acupuncture, course included in the curriculum for the 6 <sup>th</sup> year of studies   |
| Job title or position held           | Lecturer  |
| Main activities and responsibilities | Courses in acupuncture, the biophysics of acupuncture, techniques and methods of acupunctural stimulation   |
| Period                               | September 1987 – April 1990   |
| Name and address of employer         | <b>IEMI Bucharest</b>   |
| Type of activity or sector           | Medical doctor on a research contract   |
| Job title or position held           | Coordinator of an interdisciplinary bio-medical research team<br>Coordinator of a research team at IOB (within the Academy of Medical Sciences)   |
| Main activities and responsibilities | Research contract for the development of computerized bio-medical equipment MS/ IEMI Bucharest (Endorsement by the Ministry of Health 4D/3956 of 22 September 1987).<br>Patenting, conducting clinical tests and improving the Pulsar 2000 Computerized Biostimulation Therapy System, lead author. Delivering professional development courses on computerized biostimulation for practicing doctors<br>Development and testing of bioelectroluminescence devices<br>Development and testing of measurement, detection and stimulation equipment for active electrodermal points |
| Period                               | December 1982 – September 1986  |
| Name and address of employer         | <b>Bucharest Oncology Institute (IOB)</b> , The Filantropia Clinical Hospital (on secondment from the Chemotherapy Section of the Buzau County Hospital)  |
| Type of activity or sector           | Specialization in Oncology-Chemotherapy   |
| Job title or position held           | Trainee doctor in Oncology-Chemotherapy   |

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| Main activities and responsibilities   | Working as a trainee doctor in the Chemotherapy Section, collaborator of the thermography lab, collaborator in a research on cancerogenesis, collaborator in the National Program for Broncho-Pulmonary Cancer, Co-coordinator and Coordinator of a research project with the Academy of Medical Sciences - Science Research Contract No. 3274/15.04.1986 |
| Period   | January 1982 – December 1982  |
| Name and address of employer   | <b>Medical Dispensary in Zorleni, Vaslui county.</b>  |
| Type of activity or sector   | Medical Doctor – General Medicine   |
| Job title or position held   | Head of Dispensary  |
| Main activities and responsibilities   | General Practitioner, in charge of the Dispensary's medical activity  |
| Period   | November 1978 – December 1981   |
| Name and address of employer   | <b>The “Sf. Pantelimon” Clinical Hospital Bucharest, Sos. Pantelimon 340, Bucharest 2</b>   |
| Type or domain of activity   | Internship in Surgery, Internal Medicine and Gynecology   |
| Position   | Intern  |
| Main activities and responsibilities   | Medical services in the Medical, Surgical and Gynecological Department  |
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| <b>EDUCATION AND TRAINING</b>  |   |
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| Period   | 2002  |
| Name and type of the educational institution or professional organization providing the training | <b>National Center for Professional Development in the Health Sector Bucharest</b>  |
| Domain of study / occupational skill   | Laser therapy   |
| Qualification / diploma obtained   | Expertise in bio-stimulation with low-power laser   |
| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine<br>- National Catalogue of Complementary Study Programs – <b>Clinical and Paraclinical Specialties, Order of the Ministry of Health no. 418 of 20/04/2005, published in Romania's Official Gazette, Part I no. 489 of 09/06/2005</b>   |
| Period   | 2001  |

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| Name and type of the educational institution or professional organization providing the training | <b>National Center for Professional Development in the Health Sector Bucharest</b>   |
| Domain of study / occupational skill   | Acupuncture  |
| Qualification / diploma obtained   | Trainer lecturer / Trainer lecturer Diploma  |
| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine<br>- National Catalogue of Complementary Study Programs – <b>Clinical and Paraclinical Specialties, Order of the Ministry of Health no. 418 of 20/04/2005</b> , published in Romania's Official Gazette, Part I no. 489 of 09/06/2005 |
| Period   | 2000   |
| Name and type of the educational institution or professional organization providing the training | <b>Academy of Medical Sciences</b>   |
| Domain of study / occupational skill   |  |
| Qualification / diploma obtained   | <b>Certificate of Principal Scientific Researcher II</b> , in the honorary grade of Scientific Research Coordinator  |
| Classification in the national or international educational systems                              |  |
| Period   | April – May 1999   |
| Name and type of the educational institution or professional organization providing the training | <b>National Center for Professional Development in the Health Sector Bucharest</b>   |
| Domain of study / occupational skill   | Laser therapy  |
| Qualification / diploma obtained   | Postgraduate Diploma - Course on Low Energy Laser Therapy Modules I and II   |
| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine<br>- National Catalogue of Complementary Study Programs – <b>Clinical and Paraclinical Specialties, Order of the Ministry of Health no. 418 of 20/04/2005</b> , published in Romania's Official Gazette, Part I no. 489 of 09/06/2005 |
| Period   | 1989-1990  |
| Name and type of the educational institution or professional organization providing the training | <b>The Open International University for Complementary Medicine”(OIUMC), Colombo, Sri Lanka</b>  |

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| Domain of study / occupational skill   | Complementary/Alternative Medicine and Acupuncture   |
| Qualification / diploma obtained   | Doctor of Medical Sciences in Complementary and Alternative Medicine<br><i>D.Sc./M.A</i>   |
| Classification in the national or international educational systems                              | OIUMC diplomas and degrees are recognized by the United Nations Charter of the University of Peace by the U.N. General Assembly Resolution No. 35/55/5/XII/1980.   |
| Period   | 1984,1985, 1994  |
| Name and type of the educational institution or professional organization providing the training | <b>National Center for Professional Development in the Health Sector Bucharest</b>   |
| Domain of study / occupational skill   | Acupuncture  |
| Qualification / diploma obtained   | Expertise in acupuncture   |
| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine<br>- National Catalogue of Complementary Study Programs – <b>Clinical and Paraclinical Specialties, Order of the Ministry of Health no. 418 of 20/04/2005</b> , published in Romania's Official Gazette, Part I no. 489 of 09/06/2005 |
| Period   | January 1982-August 1984   |
| Name and type of the educational institution or professional organization providing the training | <b>“Carol Davila” University of Medicine and Pharmacy Bucharest. Bucharest Oncologic Institute</b>   |
| Domain of study / occupational skill   | Medical oncology   |
| Qualification / diploma obtained   | Diploma: Specialist Doctor in Oncology-Chemotherapy  |
| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine   |
| Period   | February-July 1980   |
| Name and type of the educational institution or professional organization providing the training | <b>Academy of Medical Sciences, the “Stefan Nicolau” Institute of Virology</b>   |
| Domain of study / occupational skill   | Genetic engineering<br><i>Thesis title: “ Recombinant DNA Technology in the Biosynthesis of Insulin ”</i>  |
| Qualification / diploma obtained   | Diploma: Further education in genetic engineering  |

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| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine  |              |              |
| Period   | September 1972 - July 1978  |              |              |
| Name and type of the educational institution or professional organization providing the training | <b>“Carol Davila” University of Medicine and Pharmacy Bucharest. Faculty of General Medicine</b>  |              |              |
| Domain of study / occupational skill   | General Medicine  |              |              |
| Qualification / diploma obtained   | Diploma: Medical Doctor<br>Thesis: <i>“Action of Ionizing Radiations on Cellular Ultrastructure”</i>  |              |              |
| Classification in the national or international educational systems                              | - Health 150/ sectorially regulated in the EU 010/medicine  |              |              |
| <b>PERSONAL ACHIEVEMENTS</b>   | <p>Developed, tested and applied original methods with multiple applications in the field of bioenergetics, such as:</p> <ul style="list-style-type: none"> <li>- Methods for original biophysical exploration of acupuncture points and meridians;</li> <li>- Surface Electrostatic Imagistics (original unpatented method);</li> <li>- Measurement and interpretation of electrical field phenomena characteristic of acupuncture points;</li> <li>- Therapeutic systems for digital laser stimulation controlled by expert knowledge-based systems;</li> <li>- Treatment methods using low and infralow laser energy;</li> <li>- Digital electro-stimulation methods in acupuncture;</li> <li>- Infrasonic stimulation methods in acupuncture;</li> <li>- An original method for recording and studying the distribution of electrostatic surface charges;</li> <li>- Studies on the biophysics of acupunctural phenomena and acupuncture points;</li> <li>- Controlled clinical trials in acupuncture, laser and electro-acupuncture;</li> <li>- Controlled clinical trials on the efficiency of laser acupuncture in bronchial asthma and essential hypertension;</li> <li>- Original complementary treatment scheme for cancerous diseases involving dieting, nutritional supplements and phyto-therapeutical preparations</li> <li>- Original application for Bio-resonances systems</li> <li>- Original applications for 8D/D NLS LRIS Systems</li> </ul> |              |              |
| Mother tongue  | Romanian  |              |              |
| Other languages  |   |              |              |
|  | English   | French       | Italian      |
| Reading  | Advanced  | Advanced     | Intermediate |
| Writing  | Intermediate  | Intermediate | Intermediate |
| Speaking   | Advanced  | Advanced     | Intermediate |
| Artistic skills  | <ul style="list-style-type: none"> <li>- Oil painting on canvas in the impressionistic and post-impressionistic style</li> <li>- Playing the piano (Attended the Music Schools located in Principatele Unite and Cosmos streets in Bucharest)</li> <li>- Solist and member in the choir of the Mihai Viteazu College in Bucharest</li> </ul>  |              |              |



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| <p><b>Management and organizational skills</b></p> | <ul style="list-style-type: none"> <li>- Coordinated a medical team including about 10 people, out of which 4 or 5 medical doctors, involved in the provision of medical, epidemiological, immunization and prevention services as the Head of the Zorleni Medical Dispensary in Vaslui county;</li> <li>- Developed, patented (Patent title: Computerized Biostimulation Therapy Method and Device – Patent No. 98138/21.03.1989 OSIM Bucharest) and tested innovative methods for electro-thermo-dermal measurement and computerized (laser, electric and ultrasonic) biostimulation as Head of an interdisciplinary (medical/technical/scientific) team working on the development of computerized bio-medical equipment (IEMI Bucharest, Titan Clinical Hospital Bucharest).</li> <li>- Designed, applied and performed the biophysical, biological and medical interpretation of an original screening and diagnostic method for cancer as the Coordinator of phase 3/ Academy of Medical Sciences/1988 “Correlated study of the morphology, intensity and chromatic characteristics of the bio-electroluminescence of cancerous diseases with an emphasis on the malignizing process, possibilities for early screening and diagnosis” Contract IEMI Bucharest/ IOB (No. 7872/31.10.1988).</li> <li>- Designed, performed clinical testing, interpreted the results and improved the efficiency of a treatment method involving laser therapy and acupuncture in cases of bronchial asthma as Coordinator for the topic: “Clinical and functional studies on the efficiency of acupuncture and laser acupuncture treatment in cases of bronchial asthma” (Topic Code: 606/1996; Additional Act 938/1998; Code A1).</li> <li>- Developed and tested a new method for the complementary treatment of hypertension as Coordinator for the topic: “Neurovegetative monitoring of acupuncture therapy in essential hypertension, stages I and II” (Research Contract No. 570/24.07.2000, Additional Act No. 1/ 10.10.2000-2001).</li> <li>- Developed a complex multidisciplinary project, set up and coordinated an interdisciplinary team of specialists coming from several specialist institutes and laboratories under the heading “Developing a cluster of excellence for implementing a pilot program for a multidisciplinary study of stress” (Stress-Cluster) PROGRAM IMPACT Nr. 1420/ 13-09-2008</li> <li>- Coordinated the medical and scientific activities of the National Center for Acupuncture and Homeopathy Bucharest, and subsequently of the “Prof. Dr. Florin Bratila” National Institute for Complementary and Alternative Medicine, Bucharest.</li> <li>- Organized 8 National and International Congresses and 12 Workshops in the field of Acupuncture and Related Techniques.</li> <li>- Coordinated nationwide activities for the implementation of novel techniques and solutions and of Evidence-based Medicine in Acupuncture and Complementary Medicine as the Vice-president of the Romanian Society of Acupuncture.</li> <li>- Provided professional and scientific advice to practitioners in the field of complementary and alternative medicine as the Vice-president of the Commission for Acupuncture, Homeopathy and Api-Phyto-Therapy of the College of Medical Doctors in Romania (Decision no. 10/2008 published in Romania’s Official Gazette, part Ia no. 651 og 15.09.2009)</li> </ul> |  |
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|  | <ul style="list-style-type: none"> <li>- Appointed as the Secretary of the National Commission for Complementary and Alternative Medicine within the Academy of Medical Sciences (since 2012)</li> <li>- Appointed as Vicepresident of the Speciality Commission of the Romanian Ministry of Health (2015-2016)</li> </ul>  |
| <p><b>Technical and IT Skills and Experience</b></p> | <ul style="list-style-type: none"> <li>- PC - Windows 7, 8, 10</li> <li>- Word processing (WORD, Lotus AMIPRO, WRITE, QUARQ X-PRESS).</li> <li>- Image processing (COREL, COREL VENTURA, PHOTOSTYLER, ADOBE PHOTOSHOP)</li> <li>- Database processing (Access, D-Base).</li> <li>- Programming in C++</li> <li>- Work experience with MATLAB and MATCAD</li> <li>- Web design</li> <li>- Operating, adapting and testing digital measurement systems for applications in biology and medicine</li> <li>- Operating, adapting and testing therapeutic bio-stimulation systems using laser, electrical, ultrasonic, optical, magnetic and electro-magnetic stimuli</li> <li>- Operating, improving and imagistic interpretation obtained by electrographic systems in bio-electroluminiscence (Kirlian devices, Electronography, Electrography in electroluminiscence [proprietary system])</li> <li>- Operating, testing and improving contact thermographic systems in biology and medicine</li> <li>- Interpreting contact thermographic and infrared data for oncologic, rheumatologic, inflammatory etc. diseases</li> <li>- Operating, testing and improve Bio-resonance systems</li> </ul> |
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**Dr. Corneliu I. MOLDOVAN, MD, D.Sc. (MA)**