

Prof. Dragan Primorac, M.D., Ph.D.

Global Ambassador of the Pennsylvania State University
Chair, International Affairs Committee of the American Academy of Forensic Sciences

Adjunct Professor of Forensic Science, The Pennsylvania State University, USA
Adjunct Professor of Forensic Science, University of New Haven, USA
Professor of Pediatric Medicine, University of Osijek and University of Split, Croatia
Professor of Forensic Sciences, University of Split, Croatia

Minister of Science, Education and Sports (2003-2009) Republic of Croatia

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Date of Birth: June 7, 1965

Marital Status: Married

Education:

1985-1991 University of Zagreb, School of Medicine, Zagreb, Croatia
1991-1996 Post doctoral fellowship, University of Connecticut, USA
1998- 2002 Residency Program in Pediatrics, School of Medicine,
University of Zagreb, Croatia

Boards and other Exams:

1995 National Medical Board Exam
1996 USMLE Part 1
1996 TOEFL
2002 National Pediatrics Board Exam

Postgraduate Training:

1991-1996 Department of Pediatrics, University of Connecticut, School of
Medicine, Farmington, Connecticut, USA (Projects: *Molecular
basis of Osteogenesis Imperfecta; COL1A1 mRNA transport;
premature Stop codon and its influence to mRNA transport;
Molecular basis of Nanomelia, a heritable Chondrodystrophy
of chicken*).

Additional Training:

1994 State of Connecticut, Division of State Police, Forensic
Sciences Laboratory, Meriden, CT, USA (PCR amplification and
typing of the HLA DQ A1 and PM Loci)
1997 Armed Forces Institute of Pathology, DNA Identification
Laboratory, Rockville, MD, USA (Mitochondrial DNA Sequence
Analysis)
1997 Analytical Genetic Testing Center, Inc. Denver, CO, USA
(Analysis of STRs)
1998 St. Christopher's Hospital for Children at Allegheny University
of the Health Sciences, Department of Pediatric Surgery,
Philadelphia, PA, USA (postoperative treatment of pediatric
patients with the liver transplant)

Academic Appointments:

1994-1996	Instructor, Department of Pediatrics, University of Connecticut, School of Medicine, Farmington, Connecticut, USA
1998- 2001	Assistant Instructor, Department of Pediatrics, University of Split, School of Medicine, Split, Croatia
2003-2006	Assistant Professor, University of Split, School of Medicine, Split, Croatia
2003-2006	Assistant Professor, University of Osijek, School of Medicine, Osijek, Croatia
2006-2009	Associate Professor, University of Osijek, School of Medicine, Osijek, Croatia
2009-	Full Professor of Pediatrics, University of Osijek, School of Medicine, Osijek, Croatia
2009-	Adjunct Professor of Forensic Sciences, Eberly College of Science, Penn State University, USA
2009-	Full Professor, University of Split, Forensic Science Masters Program, Croatia
2011-	Adjunct Associate Professor of Forensic Sciences, University of New Haven, USA
2012-	Full Professor of Pediatrics, University of Split, School of Medicine, Split, Croatia
2016-	Full Professor, University of Rijeka, Rijeka, Croatia
2016-	Visiting Professor Xi'an Jiaotong University, College of Medicine and Forensics

Other Appointments:

1994-2003	Laboratory for Clinical and Forensic Genetics, Department of Pathology, Cytology and Forensic Medicine, Clinical Hospital Split, Croatia (Head and Founder)
2003 (Jan-Nov)	Founder and Executive Director, Polyclinic for Nephrology and Dialysis "Holly Spirit II", Zagreb, Croatia
1999-2007	Forensic expert witness; appointed by County Court in Split, Croatia (Forensic expert witness in analyzing evidence, such as blood or semen, to use in legal proceedings to identify parentage and/or to link evidence to an individual. Serves as an expert witness and forensic consultant in Croatian legal matters, and provides expert reports and testimony for judges, attorneys, lawyers, law firms, insurance companies and government agencies in State court trials and arbitrations in the Republic of Croatia).
2003-	The Henry C. Lee Institute of Forensic Sciences of the University of New Haven, USA (Member of Technical Advisory Committee)

2007- Forensic expert witness; appointed by the County Court in Zagreb, Croatia

2013- President of the Board of Trustees - St. Catherine Hospital, Croatia

2015- Post Medical Advisor for the U.S. Embassy Zagreb, Croatia

2015- President of the Personalized Medicine Competitiveness Cluster, Croatia

2016- Vice-Dean for International Affairs, REGIOMED Medical School, Coburg, Germany

Political Appointments:

2003-2009 Minister of Science, Education and Sport of the Republic of Croatia; appointed by the Croatian Parliament

2007-2011 Elected Member of the Parliament of the Republic of Croatia

2004-2007 Member of the National Competitiveness Council

2006-2007 Chairman of the Joint Committee of CEEPUS ministers (Central European Exchange Program for University Studies)

Business Appointments:

2009-2012 Principal Counselor for the medical project "Stubaki" (investment worth \$ 120 000 000,00)

2012-2014 Founder and Principal Counselor of the Specialty Hospital St. Catherine (The first phase-investment worth \$ 15 000 000,00 while the second phase-investment worth \$ 25 000 000,00)

Major Committee Assignments:

2000-2003 European STR Working Group (Head)

2000-2003 Government of the Republic of Croatia (Office for Detained and Missing Persons)

2001-2003 Ministry of Science and Technology of the Republic of Croatia (Member of the Technology Area Council)

2002-2003 Ministry of Health of the Republic of Croatia (Member of the Committee for Medical Biochemistry and Laboratory Medicine)

2014-2016 Ministry of Health of the Republic of Croatia (Member of the Minister's Advisory Committee)

2015- European Commission-International Consortium of the Personalized Medicine (member of the Executive Committee)

2016- American Academy of Forensic Sciences (Chair of the International Affairs Committee)

2016- Executive Committee Board Member of The Regiomed Klinikum Medical School, Coburg, Bavaria, Germany

2016- Croatian Competitiveness Cluster for Personalized Medicine, President

Advisory Posts:

1994-1996 Advisory Board of Radio Jadran in New York

2001- 2005 Foundation of Genetics Medicine, Advisory Board, USA

2003- 2005 Council of Healthcare Advisors, USA
 2005- Bridge Foundation Medical Advisory Committee, USA
 2013- Advisor to the Vice Chancellor of the University of Botswana
 2014- Post Medical Advisor to Embassy of the United States of America, Health Unit, Zagreb, Croatia

Humanitarian Work:

1993-1995 AmeriCares, USA (Identification of war victims by DNA technology)
 1997-2003 Catholic Medical Foundation Office in Split, Croatia (Project Director)
 1997-2000 Advisory Board of the World Hope International, Inc., Warrenton, MO, USA
 2007-2009 Honorary president of Humanitarian "Cor Unum" Association

Decorations:

2015 "The Order of Croatian Star with the Effigy of Ruđer Bošković" - for extraordinary achievements in science (he was awarded by the president of the Republic of Croatia on February 12, 2015)

Awards for Scientific Activities:

1992 *Young Investigator Award, Maurice Attie Memorial Award*- sponsored by Merck, 14th Annual Meeting of The American Society for Bone and Mineral Research, (American Society for Bone and Mineral Research, Minneapolis, MN, USA).
 1993 *Outstanding Platform Presentation Award*, East Coast Connective Tissue Society Meeting (East Coast Connective Tissue Society, Philadelphia, PA, USA).
 1994 *Michael Geisman Fellowship Award* (Osteogenesis Imperfecta Foundation, USA)
 1995 *Outstanding Scientist Award* (Immigration and Naturalization Service, USA)
 1995 *Joint Award of the City of Split - together with Prof. Anđelinović*, Split, Croatia (the City of Split; for introducing the DNA in forensic science in Croatia)
 1996 *Recognition for Contribution to the Advancement of Forensic Sciences* (Connecticut State Police, Commissioner's Office and Forensic Sciences Laboratory, USA)
 1998 *Homeland War Memorial* (Government of the Republic of Croatia; for identification of war victims using DNA technology)
 2000 *Project Award* (Promega Corporation Inc., USA)
 2001 *Achievement Award for Contribution to Forensic Science Education and DNA Testing* (Forensic Laboratory, Connecticut State Police, USA)

2002	<i>Achievement Award for Leadership and Accomplishments in Promoting Science and Justice</i> (Connecticut State Police, USA)
2002	<i>Lifetime Achievement Award</i> (University of New Haven, Forensic Science Institute "Henry Lee", New Haven, USA)
2006	<i>Gorjanović-Kramberger Medal for Contribution to Anthropology</i> (Croatian Anthropological Society, Croatia)
2006	<i>Institute Ivo Pilar Medal</i> for contribution to development of the institute, (Institute Ivo Pilar, Croatia)
2007	<i>Veneto Region Award</i> for special achievements and promotion of science in the European Union, 23 rd October 2007. (Award given by the Veneto Region president dr. Giancarlo Galan)
2010	<i>International Award for Excellence-International Distinguished Service Award</i> (University of New Haven)
2010	<i>Signet of the Polytechnic "Marko Marulić" - Knin</i> (Signet is the highest award given by the Polytechnic to domestic and foreign legal entities and individuals for outstanding contribution to the improvement the Polytechnic and the development of society as a whole)
2011	<i>Presidential Award</i> for his contribution given to forensic sciences (Award was given by Professor Duarte Nuno Vieira, President of the International Association of Forensic Sciences)
2015	The State Science Award (Award was given by the Parliament of the Republic of Croatia for outstanding contribution to biomedical science)

Recognitions, Awards and Plaques:

2006	<i>Golden Plaque of Virovitičko-posavska County</i> – for promoting values, position and status of the County and special contribution to its development and general advancement
2006	<i>Charter of the School of Medicine</i> , University of Rijeka – for remarkable personal contribution in the creation, development and promotion of quality and identity of the School of Medicine
2007	<i>Plaque of the School of Medicine</i> , University of Split – for extraordinary contribution in creating and developing the Medical Faculty scientific status
2007	<i>Award of the City of Knin</i> – for significant contribution to advancement and development of science and education in Knin
2007	<i>Friar Didak Buntić's Award</i> . Gradnići, Bosnia and Herzegovina, 7 th October 2007.
2008	<i>Večernj list Daily's Seal</i> , Mostar, Bosnia and Herzegovina, February 4, 2008. - for scientific accomplishments in the region)
2014	<i>Gold Plaque</i> from, University of Split, University Department of Professional Studies

- 2015 *Certificate of Appreciation*, by Maureen E. Cormack, US Ambassador –for outstanding service, dedication, professionalism and exceptional medical care and support to U.S. Embassy Sarajevo and Zagreb.
- 2016 *Plaque of the School of Medicine*, University of Split – for for extraordinary contributions to the *School of Medicine*, University of Split

Recognitions, Awards and Plaques (Sports)

- 2004 Silver medal of the European Olympic Committee. 33. The General Assembly of the European Olympic Committees (EOO), Dubrovnik, December 3-4, 2004.
- 2012 Imperium Hall of Fame of Martial Arts (prof. Primorac was honored as part of The Imperium Hall of Fame of Martial Arts in Split, Croatia on August 24th, 2012)
- 2015 Taekwondo Hall of fame (prof. Primorac was inducted into the Taekwondo Hall of Fame in Zagreb, October 26th 2015.

Honorary Citizenship:

- 2005 Honorary citizen of the city Pregrada, Croatia
- 2006 Honorary citizen of the city Bjelovar, Croatia
- 2006 Honorary citizen of the Otok municipality (near Sinj), Croatia
- 2008 Honorary citizen of Odžak municipality (Bosnia and Herzegovina)
- 2009 Honorary citizen of Ljubuški municipality (Bosnia and Herzegovina)

Honorary Membership:

- 2007- *Croatian Academy of Technical Sciences* (for accomplishments in Academy's activities)
- 2008- *Croatian Association of Crime Scene Investigators* (for outstanding contributions for Forensics Sciences.)
- 2012- *International Crime Analysis Association* (for significant contribution for the field of forensic sciences. Honorary membership was given during the Annual Meeting of ICAA, March 24,2012, Castel Ritaldi, Italia)

Honorary titles:

- 2016- Global Ambassador of The Penn State University
- 2017- Ambassador of The National Foundation For Students Support

Membership in Professional Societies:

- 1997- Croatian Society for Human Genetics
- 1998- American Academy of Forensic Science (Fellow)
- 1998-2010 American Society for Human Genetics
- 1998- Croatian Society for Osteogenesis Imperfecta
- 1997- International Society for Applied Biological Sciences-ISABS, (Co-Founder)
- 2014- ISABS President

Engagement in Scientific Journals:

2001-2003 Croatian Medical Journal

Ad hoc Reviewer:

1999-2000 The Lancet
1997- Croatian Medical Journal
2011- International Journal of Forensic Sciences
2013- European Journal of Pediatrics
2014- Scientific Reports-Nature

Teaching Experience:**Lectures at Graduate Studies:**

1994-1996 University of Connecticut, School of Medicine, Farmington, Connecticut; Department of Pediatrics, (Molecular bases of skeletal diseases)
1996- University of Zagreb, Croatia, School of Medicine, Department of Anatomy (Molecular biology of the connective tissue)
2003- University of Osijek, School of Medicine, Department of Chemistry, Biochemistry and Clinical Chemistry (Biochemistry)
1998-2003 University of Split, Croatia, School of Medicine, Department of Pediatrics (Molecular diagnostics of hereditary diseases)
2004- University of Split, Croatia, School of Medicine, Department of Molecular Diagnostics (Medical laboratory diagnostics)
2007- University of Split, Croatia, School of Medicine, Department of Pediatrics (Molecular Genetics in Pediatrics, Molecular basis of diseases, Gene and Cellular Therapy)
2014- University of Botswana, School of Medicine

Lectures at Postgraduate Studies:

1998- University of Zagreb, Croatia, Postgraduate Studies, Department of Biology (Molecular medicine, identification of skeletal remains, paternity testing, analysis of Y chromosome)
1998-2000 University of Verona, Italy, Graduate Program, Department of Genetics (Molecular basis of *Osteogenesis Imperfecta*)
2000- University of Split, Croatia, School of Medicine, Postgraduate Studies (Molecular medicine)
2001- University of Zagreb, Croatia, Doctoral Studies, Department of Orthopedics (Molecular basis of skeletal diseases)
2003- University of Osijek, School of Medicine, Department of Chemistry, Biochemistry and Clinical Chemistry (Human genetics)
2007- University of Split, Croatia, School of Medicine, Doctoral Study "Tumor Biology" (Molecular Diagnostics Methods of Tumor)
2009- University of Split, Croatia, Law School (Medical Law)

2009-	University of Split, Forensic Science Masters Program (cofounder)
2009-	Eberly College of Science, Penn State University, PA, U.S.
2011-	University of New Haven, CT, U.S.

Invited Lectures:

1. *Defective Splicing of mRNA from One COL1A1 Allele of Type I Collagen in Nondeforming (Type I) Osteogenesis Imperfecta*. Ruder Bošković Institute, Zagreb, Croatia, November 1992.
2. *Ancient DNA and Forensic Applications of DNA Technology*. 2nd Annual American Association of Anthropological Genetics workshop, Denver, Colorado, USA, June 7-9, 1996.
3. *Human Genome Research: Human Rights and Policy from Gene Detection through Family Public Health Education*. Yale College Seminar Program, New Haven, Connecticut, USA, April 10, 1996.
4. *The Kinetics and Intracellular Localization of the Messenger RNAs Affected by Splicing Errors: Current Paradigm and its Relationship to Genetic Collagen Disease*. National Cancer Institute, National Institute of Health, Frederick Cancer Research and Development Center, Frederick, Maryland, USA, May 3, 1996.
5. *DNA Forensic Testing: What Geneticists Should Know?* Division of Human Genetics, Connecticut Childrens' Medical Center, Hartford, Connecticut, USA, June 18, 1996.
6. *Splicing Errors and Defective Transport of COL1A1 mRNA Produce Osteogenesis Imperfecta Type* Armed Forces Institute of Pathology, Rockville, MD, USA, March 4, 1997.
7. *Premature STOP Codon and its Influence to mRNA Transport*. Analytical Genetic and Testing Center, Denver, CO, USA, March 15, 1997.
8. *Identification of human remains from mass graves in Croatia and Bosnia and Herzegovina by use of DNA*. European-American Intensive Course in PCR Based Clinical and Forensic Testing, Split, September 23 - October 3, 1997.
9. *Premature Terminations of mRNA and Intron Retention are Two Different Mechanisms in Development of Genetic Diseases*. Allegheny University of the Health Sciences, Institute for Cellular Therapeutics, Philadelphia, PA, USA, December 3, 1997.
10. *Splicing Mutations on Type I Collagen Gene and its Effects on mRNA Transport*. Anthropology and Molecular Genetics Post Graduate Course. ICU Dubrovnik, Hvar, Island of Hvar, June 28-July 4, 1998.
11. *Identification of Human Remains from Mass Graves Found in Croatia and Bosnia and Herzegovina*. 10th International Symposium on Human Identification. Lake Buena Vista, Florida, USA, September 29-October 2, 1999.
12. *Molecular Basis of Osteogenesis Imperfecta*. Roche Molecular Systems, Inc. Alameda, California, USA, March 21, 2000.
13. *Application of PowerPlex16 System in the Identification of Human Remains*. European Symposium on STR Systems. Berlin, Germany, April 16-18, 2000.

14. *Studies on Use of PowerPlex16 on DNA Isolated from Bone Samples*. 11th International Symposium on Human Identification. Biloxi, Mississippi, USA, October 10-14, 2000.
15. *Human Identification and Genetics*. American Academy of Forensic Sciences. Seattle, Washington, USA, February 14-16, 2001.
16. *DNA and Human Rights*. University of California Berkley, Berkley, USA, April, 2001.
17. *Application of PowerPlex16 System in the Identification of Human Remains*. European Symposium on STR Systems. Parma, Italy, April, 2001.
18. *Identification of Human Remains by STRs*. Promega STR Educational Forum. Zagreb, Croatia, June 6, 2001.
19. *Molecular Basis of Skeletal Diseases*. Hospital "Sveti Duh", Croatia, June 8, 2001.
20. *Regional DNA identification of skeletal remains using STR techniques*. European-American Intensive Course in Clinical and Forensic Testing, Dubrovnik, September 3-14, 2001.
21. *DNA Typing Technology Used for the Identification of the Human Remains Found in Mass Graves*. 12th International Symposium on Human Identification. Biloxi, Mississippi, USA, October 9-12, 2001.
22. Forth European STR Working Group Meeting. Prague, Czech Republic, April 9-11, 2002.
23. *Future of DNA Technology*. Ministry of Interior, Bosnia and Herzegovina. Sarajevo, Bosnia and Herzegovina, April 25, 2002.
24. International Regional Conference on Missing Persons- *A step to the Truth*. Rovinj, Croatia, October 17-20, 2002.
25. *Identification of Human Remains from Mass Graves*. 19th GEFI (Italian Forensic Genetics Group Meeting), Verona, Italy, November 15, 2002.
26. *Extracting DNA Profiles from Challenging Sample Materials*. American Academy of Forensic Sciences, Chicago, IL, USA, February 17, 2003.
27. *Identification of Skeletal Remains by DNA technology*. Inaugural Congress of the Mediterranean Academy of Forensic Sciences (MAFS). Casablanca, Morocco, May 8-10, 2003.
28. *Universal Declaration on the Human Genome and Human Rights: Present Status and Future Perspectives*. Croatian Commission for UNESCO. Zagreb, Croatia, June 12-14, 2003.
29. *Identification of war victims by molecular methods*. European-American School in Forensic Genetics and Mayo Clinic Course in Advanced Molecular and Cellular Medicine, Zagreb, September 1-5, 2003.
30. *Methods of Molecular Biology in Forensic Genetics*. Congress of the Croatian Society of Biochemistry and Molecular Biology, Croatian Society of Biochemistry and Molecular Biology, Bjelolasica, Croatia, September 30-October 2, 2004.
31. *New possibilities of molecular diagnostics and gene therapy osteogenesis imperfecte*. Postgraduate course in permanent medical training of 1st category. Organized by: School of Medicine, Zagreb, Croatian pediatrics society, Croatian Association of Osteogenesis Imperfecta. Zagreb, 25th October 2003.

32. *The Role of Education in Business Development*. Crans Montana Forum, April 13-15, 2005, Zagreb, Croatia.
33. *DNA Analysis on Exhumed Corpses*. Mediterranean Academy of Forensic Sciences, MAFS2005, Monastir, Tunisia, June 22-25, 2005.
34. *DNA Typing of Human Remains Found in Mass Graves*. ISABS, Fourth European-American School in Forensic Genetics and Mayo Clinic Course in Advanced Molecular and Cellular Medicine in Dubrovnik, Croatia, September 5-9, 2005.
35. *Current Principles on Osteogenesis Imperfecta*. 7th World Congress of Perinatal Medicine. Zagreb, Croatia, September 21-24, 2005.
36. *Molecular Basis of Osteogenesis Imperfecta: 2nd Congress of Croatian Geneticists with international participation*, Supetar, Island of Brač, Croatia, September 24-27, 2005.
37. Second Eastern Europe and Central Asia Education Conference on Tertiary education: *Quality, Financing and Linkages with Innovation and Productivity*, World Bank, Dubrovnik, Croatia, October 2-4, 2005.
38. 6th EMBO/EMBL joint conference on Science and Society: *Science and Security*, October 28-29, 2005. EMBL Operon, Meyerhofstr. 1, 69117 Heidelberg, Germany (session chair)
39. *Our Way to Become Knowledge-Based Society?* Lecture at American Chamber of Commerce in Croatia, Zagreb, Croatia, April 12, 2006.
40. *Next Stage of Genomic Research -- What Can We Learn from DNA Sequences?* Science and Technology in Society forum: Lights and Shadows. Third Annual Meeting, Kyoto, Japan, September 10-12, 2006.
41. *Forensic DNA Analysis*. 2006 Mayo Clinic Alumni Association International, CME Program. Dubrovnik, Croatia, October 11-23, 2006.
42. *Modernizing Croatian Science and Education*. Annual Conference of the American Association for the Advancement of Science (AAAS). Session: Research Competitiveness Strategies of Small Countries. San Francisco, CA,, USA, February 16, 2007.
43. *Croatia - Knowledge-Based Society*. Pentecost Dialogue "Geist & Gegenwart 2007", Seggau Castle, Austria May 24-26, 2007.
44. Influence of governments on industrial R&D and innovation. Euroscience Open Forum 2008 (ESOF2008). Session organized by AAAS. Barcelona, Spain, July 18-22, 2008
45. General Guide to Knowledge-Based Economy. Open Forum-Celebration of the 90th Anniversary of School of Economy at Zagreb University. Zagreb, Croatia, November 18, 2010.
46. 6th World Congress of the World Institute of Pain. The Genetics of Pain: The Future of Genotyping in Therapy". Seoul, South Korea, April 29-May 1, 2011.
47. 7th ISABS Conference in Forensic, Anthropologic and Medical Genetics and Mayo Clinic Lectures in Translational Medicine. From Dust to Dust. Bol, Croatia June 20-24, 2011.
48. The Future of DNA Analysis. University of Zagreb, Faculty of Veterinary Medicine. Zagreb, November 4, 2011
49. Tracing the genetic history of modern Croatian man. University of Split, University Library. Split, November 29, 2011.

50. The Genetics of Pain: The Future of Genotyping in Therapy. The 6th World Congress. World Institute of Pain. Miami Beach, USA, February 4-6, 2012.
51. Genetics Predisposing the Pain Phenotype. The 6th World Congress. World Institute of Pain. Miami Beach, USA, February 4-6, 2012.
52. Origin of European Man: Y Chromosome Analysis. Eight Scientific Symposium of the University of Rijeka. Rijeka, Croatia, February 23, 2012.
53. Osteogenesis Imperfecta 2012. Croatian Medical Association, Croatian Society for Rare Diseases. Second Croatian Symposium on Rare Diseases. Zagreb, Croatia February 24, 2012.
54. Forensics DNA Analysis. The Criminal Investigation Meeting Castel Ritaldi 2012. International Crime Analysis Association. Castel Ritaldi, Italy, March 23-25, 2012.
55. Mass Disaster and the International Response Community. International Mass Fatality Management Conference and Workshop. The New York City Office of Chief Medical Examiner (NYC OCME) and the Regional Catastrophic Planning Team (RCPT). New York City, USA, April 25-27, 2012.
56. Education, globalization and the knowledge based economy. Faculty of Health Sciences, University of Botswana. Gaborone, Botswana, May 30th, 2012.
57. Education in Translational Biomedicine. International Academy of Legal Medicine. Istanbul, Turkey, July 4-7, 2012.
58. Understanding the Genetics of Pain. The First European-American Spine and Chronic Pain Symposium and Workshops. Organizers: World Institute of Pain, Carolinas Pain Institute, USA etc. Bol, Island of Brač, Croatia, September 14-16, 2012.
59. Current Concepts of Osteogenesis Imperfecta. The Second International Conference on Regenerative Orthopedics and Tissue Engineering. Organizer: Croatian Academy of Sciences and Arts. Opatija, Croatia, September 20-22, 2012.
60. International cooperation in the forensic science field. Organizer: Ministry of Foreign Affairs and International Cooperation. Gaborone, Republic of Botswana, October 4, 2012.
61. Origin of Croatian Man: Y Chromosome Analysis. Organizer: Croatian Academy of Art and Sciences, Zagreb, Croatia, November 21, 2012.
62. DNA revealed truth of mass grave victims after more than 60 years. American Academy of Forensic Sciences - Plenary Session "Bring Your Own Slides". 65th Anniversary Meeting. Washington DC, February 18-23, 2013.
63. Private versus Public Healthcare. 1st International Congress: Person in Medicine and Health Care - Science and Art. Dubrovnik, April 18-21, 2013.
64. Communication to success. Croatian Nurses Association. Marija Bistrica, Croatia, April 12-14, 2013.
65. Molecular Genetics: The Present and the Future. The 2nd International Symposium "Vera Johanides"-Biotechnology in Croatia by 2020. Croatian Academy of Technical Sciences. Zagreb, Croatia, May 10-11 2013.
66. Current concepts of Osteogenesis Imperfecta. The 34th Anthropology and Health Conference. Anthropology and personalized medicine: impacting the future of comprehensive healthcare. Dubrovnik, Croatia, September 9-13, 2013.

67. From Dust to Duct: Forensic DNA Analysis. 6th Conference of the Mediterranean Academy of Forensic Sciences. Reggio Calabria, Italy, September 19-21, 2013. Croatian Accomplishments in Forensics Genetics.
68. Science Needs for Microbial Forensics: Developing an International Science Roadmap. The National Academies. Zagreb, Croatia, October 13-16, 2013.
69. Advances in Osteogenesis Imperfecta: Pathways to personalized medicine. 1st International Congress of the International College of Person-centered Medicine. Zagreb, Croatia, November 7-10, 2013.
70. Rapid DNA Method and Prevention of Trafficking in Human Beings. The 6th International Spring Course "Crime Prevention through Criminal Law and Security Studies". Dubrovnik, Croatia, March 24-28, 2014.
71. The molecular basis of neuropathic pain. 7th World Congress, World Institute of Pain. Maastricht, The Netherlands, May 7-10, 2014.
72. Tailored genetics medicine. World Medicine Park. Minorca, May 7-11, 2014.
73. Genetics of neuropathic pain. 3rd Croatian Congress on Pain Therapy. Osijek, Croatia, May 22-24, 2014.
74. Toward excellence in pan management (roundtable). IMPACT proactive 2014, Florence, Italy, June 27-28, 2014
75. Beispiele: Vom World Trade Center, O.J. Simpson, Kriegsoffern bis zu unschuldig im Gefängnis sitzenden Menschen. 13. Europäischen Gesundheitskongress München, Germany, September 30 – October 1, 2014
76. Education, Science and Technology Policies, based on the experience in Croatia. University of Botswana, Gaborone, October 14, 2014
77. Forensic DNA Methods and Application: An Interdisciplinary Perspective. University of Botswana, Gaborone, October 13, 2014
78. Estimation of Human Age Using N-Glycan Profiles From Bloodstains. American 67th Annual Meeting of the Academy of Forensic Sciences. Orlando, US, February 16-21, 2015.
79. The Future of Biomedical Science and Clinical Practice. Atopica conference. Seventh Framework Programme (Grant agreement # 282687). Brussels, March 5-6, 2015
80. Advances of Certified Clinics. 5th International Health Tourism Industry Conference. Krapinske Toplice, Croatia, March 12-14, 2015.
81. Personalized medicine: Myth or Reality? The First Conference of Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH 2015), Sarajevo, March 13 – 15, 2015.
82. Ethics, Forensics and Pain Management. The Seventh SIMPAR meeting, Rome, Italy, March 27-28, 2015.
83. The Future of Forensic Sciences. The Fourth International Conference on digital evidence. Zagreb, Croatia, March 31, 2015.
84. Genetic history of Croatia. Ninth ISABS Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine. Bol, Croatia, June 22-26, 2015.
85. Genetics and pain. 6th Croatian Congress of Regional Anaesthesia and Analgesia with International Participation. June 12-13, Zagreb, Croatia.
86. Personalized and regenerative medicine: A myth or reality. The Conference on the future of healthcare industry (Styria). Zagreb, Croatia, October 20th, 2015.

87. Genetics and personalized medicine. The Sixth Conference of the Croatian Society of Human Genetics. Split, Croatia, October 5-7, 2015.
88. Cell therapy and regenerative medicine. Myth or reality. The 33rd Croatian Pediatrics School. Split, Croatia, April 18-22, 2016.
89. Big data in small data. Data science monetization. Zagreb, Croatia, April 13-14, 2016.
90. Human genetics – costs and benefits. International Union of Anthropological and Ethnological Science's (IUAES) Inter-Congress World anthropologies and privatization of knowledge: engaging anthropology in public. Dubrovnik, Croatia, May 4-9, 2016.
91. Recent insights on Genetic Factors in Joint Pain. 1st The European Pain Federation (EFIC) Symposium on Acute and Chronic Joint Pain. Dubrovnik, Croatia, September 21-23, 2016
92. The Future of Regenerative Medicine. 2nd Croatian Healthcare Congress 2016. Zagreb, Croatia, October 25th, 2016.
93. The Past, Present and Future of Forensic Genetic. Frontier Symposium of Forensic Sciences. Xi'an, China, October 30-31, 2016.
94. The future of personalized medicine. Bridging education and best practice. Organized by University of Applied Health Sciences. Opatija, Croatia, March 20-21, 2017.
95. Regenerative medicine: A new approach to treatment. International Conference on Personalized Medicine. Organized by MEDILS and by Croatian Society for Human Genetics. Split, May 6, 2017.
96. Mesenchymal Stem Cell-Based Therapy for Cartilage Repair. 8th International Scientific Conference on Kinesiology. Organized by Faculty of Kinesiology, University of Zagreb, Croatia, Opatija, Croatia, May 10-14, 2017.
97. Personalized and Regenerative Medicines: a paradigm shift in healthcare. The 6th Croatian Diabetes Congress with International Participation and The 80th Days of Diabetologists. Poreč, Croatia, May 11-15, 2017.

Participation in Projects:

1991	National Institute of Health, USA (project AR-30426) <i>Splicing and Osteogenesis Imperfecta</i>
1991	National Institute of Health, USA (project AR-38933) <i>Molecular basis of Nanomelia</i>
1994	Osteogenesis Imperfecta Foundation, USA (project award) <i>Molecular basis for the diminished type I collagen mRNA accumulation in cultured cells derived from patients with the mild (type I) form of osteogenesis imperfecta</i> (head researcher)
1996-2003	Government of the Republic of Croatia, <i>Identification of war victims by DNA technology</i> (head researcher)
2000- 2004	Ministry of Science and Technology, Croatia (project # 141009) <i>Molecular genetics in cancer research</i>
2003-2004	Ministry of Science and Technology in cooperation with Ruđer Bošković Institute, Croatia – technology project
2012-2017	Seventh Framework Programme (Grant agreement No: 305479) Diagnostic and prognostic biomarkers for inflammatory bowel disease IBD-BIOM

2013 Seventh Framework Programme (Grant agreement No: 602736)
Understanding and controlling pain (PAIN-OMICS) (Estimated eligible
project cost in total € 7,867,105.00)

Validation of Biotechnology Products:

2000-2002 *Beta Site study on skeletal remains* (Power Plex 16, AluQuant, DNA IQ,
extraction kit) – Promega Corporation, Madison, WI, USA
2002-2003 *Beta Site study on decomposed skeletal remains* (Linear Array mtDNA
HVI/HVII Region-Sequence Typing Kit) – Roche Molecular Systems,
Alameda, CA, USA

Mentoring in Doctoral Dissertations, Master's Thesis and Graduate Papers:

1. *Željka Presečki*
Isolation of DNA from dental tissue in forensic cases/ graduate paper
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3. *Tade Tadić*
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5. *Ante Ivkošić*
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12. *Vedrana Škaro*

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13. *Robert Smolić*

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13. *Martina Smolić*

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14. *Petar Projić*

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Television

NBC News-USA, Channels 8 (Connecticut TV Station, USA), Perkin-Elmer Corporation USA, Croatian TV Channels HRT 1, HRT 2, Nova; Asia Television Limited (Hong Kong), 1+1 TV (Ukraine), BiT TV (Bulgarian International Television).

Radio

Voice of America, most of Croatian radio stations

Other Activities:

Competitive and recreational activities:

- Vice-champion of former Yugoslavia in TaeKwon Do (cadets) (1984)
- National Championships in Athletics (1000 m) (1980)
- Founder and President of the TaeKwon Do Club Kocunar DC, Split (1987-present)
- Youth player at Football clubs Hajduk and Split, Croatia
- Member of Managing Board of the Athletic Club "Dinamo Zrinjevac" (2012-)
- Golf, jogging, skiing, martial arts, soccer, boxing