

## PERSONAL INFORMATION

Cătălin Dogăroiu

## WORK EXPERIENCE

01/10/2010–Present

**Head of the Medico-Legal Identification Laboratory**

"Mina Minovici" National Institute of Forensic Medicine  
Șos. Vitan-Bârzesti 9, sector 4, 042122 Bucharest (Romania)  
<http://www.legmed.ro/>

Business or sector Health and research

01/10/2009–Present

**Principal Lecturer in Legal Medicine and Bioethics**

Department of Legal Medicine and Bioethics, School of Medicine, "Carol Davila" University of Medicine and Pharmacy  
Str. Dionisie Lupu 37, sector 1, 020022 Bucharest (Romania)  
<http://www.umf.ro/>

Business or sector Education and research

09/2008–Present

**Senior Forensic Pathologist**

"Mina Minovici" National Institute of Forensic Medicine, Bucharest (Romania)

Business or sector Health and research

24/02/2007–30/09/2009

**Senior Lecturer in Legal Medicine**

Department of Legal Medicine, School of Medicine, "Carol Davila" University of Medicine and Pharmacy

Business or sector Education and research

19/08/2002–21/12/2006

**Senior Lecturer in Analytical and Forensic Sciences**

Department of Chemical and Biological Sciences, School of Applied Sciences, University of Huddersfield  
Queensgate, Huddersfield, HD1 3DH (United Kingdom)  
<https://www.hud.ac.uk/>

Business or sector Education and research

07/03/1994–18/08/2002

**Senior Lecturer in Legal Medicine**

Department of Legal Medicine, School of Medicine, "Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania)

Business or sector Education and research

12/1994–08/2002

**Forensic Pathologist**

"Mina Minovici" National Institute of Forensic Medicine, Bucharest (Romania)

Business or sector Health and research

01/1999–05/2000 **Research Assistant - Combined DNA Index System**  
 Marshall University, School of Medicine, Huntington (USA)  
<http://forensics.marshall.edu/MSDegree/>

Business or sector Research

02/1991–12/1994 **Medical Resident in Legal Medicine**  
 "Mina Minovici" National Institute of Legal Medicine, Bucharest (Romania)

Business or sector Health and research

21/02/1991–07/03/1994 **Lecturer in Legal Medicine**  
 Department of Legal Medicine, School of Medicine, "Carol Davila" University of Medicine and Pharmacy, Bucharest (Romania)

Business or sector Education and research

EDUCATION AND TRAINING

25/07/2008 **PhD in Medical Sciences**  
 "Carol Davila" University of Medicine and Pharmacy, School of Medicine, Bucharest (Romania)  
 Doctorate research title: "Medico-legal Causality in Lethal Traumatology"

08/1998–05/2000 **Master of Sciences in Forensic Science**  
 Marshall University, Huntington, WV (USA)

09/1984–09/1990 **Medical Doctor**  
 "Carol Davila" University of Medicine and Pharmacy, School of Medicine, Bucharest (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Digital skills - Self-assessment grid

ADDITIONAL INFORMATION

### Memberships of Scientific and Professional Associations

- The European Council of Legal Medicine, delegate since 2011
- The Medico Legal Commission of the Romanian Ministry of Health, secretary since 2009
- The Forensic Science Society, United Kingdom – ordinary member 1999-2006
- The Romanian Forensic Medicine Society – member since 1993

### Publications

#### Books and Book Chapters

- **Dogăroiu C**, editor. Elements of Bioethics and Medico-Legal Odontostomatology. Constanta (Romania):Dacris;2016
- **Dogăroiu C**. Elements of Forensic Odontology. Constanta (Romania): Dacris;2013
- **Dogăroiu C**. Medico-legal Identification of the Person. Bucharest (Romania): AIT Laboratories;2011
- **Dogăroiu C**, Dermengiu D, Curcă C. Essentials of Forensic Medicine, 2<sup>nd</sup> ed. Constanta (Romania): Dacris;2011
- **Dogăroiu C**. Medico-legal Causality in Dragomirescu VT. Introduction in Forensic Anthropology – Causality and Responsibility, Bucharest (Romania): All Educational Publishing;1999

#### Articles (ISI indexed)

- Tataru CP, Dogăroiu AC, Tataru CI, **Dogăroiu C**. Enhancing rotational stability of toric intraocular lenses using a type 2L Cionni capsular tension ring in patients with high myopia. J Cataract Refract Surg 2019; 45:1219 – 1221. <https://doi.org/10.1016/j.jcrs.2019.05.045>
- Petca A, Radu DC, Petca RC, Mehedintu C, Barac RI, Ionescu A, **Dogăroiu C**, et al. Current Trends of Liquid Chromatography Tandem Mass Spectroscopy Use in Clinical Gynecology. Rev Chim Jun 2019 70(6)2021-2025
- Petca A, Petca RC, Zvanca M, Maru N, Mastalier B, **Dogăroiu C**. Fetal death from ruptured vasa previa: a tragic event in the ultrasonographic era. Rom J Leg Med27(1)43-46(2019) DOI: 10.4323/rjlm.2019.43
- Hostiuc S, Perlea P, Marinescu M, **Dogăroiu C**, Drima E. GSK-3 Inhibitors and Tooth Repair: An Ethical Analysis. Front Pharmacol 9: 1485
- Hostiuc S, Negoii I, **Dogăroiu C**, et al. Cardiac telocytes. From basic science to cardiac diseases. I. Atrial fibrillation. Ann Anat 218 (2018) 83–87. DOI: 10.1016/j.aanat.2017.12.014
- **Dogăroiu C**, Diac I. The need of informed consent for age assessment in minors – A critical approach. Rom J Leg Med [25] 413-417 [2017] DOI: 10.4323/rjlm.2017.413
- Byraki AA, Perde FP, **Dogăroiu C\***, Păduraru DN, Drima E. Evaluation of the shape of the orbit by using interdental distances. Rom J Leg Med [24] 115-117 [2016] DOI: 10.4323/rjlm.2016.115
- **Dogăroiu C**, et al. Death in a postpartum woman caused by an exceptionally rare case of concurrently rupture of bilateral non-traumatic carotid-ophthalmic aneurysm associated with bilateral acute subdural hematoma. Rom J Leg Med [24] 1-6 [2016] DOI: 10.4323/rjlm.2016.1
- **Dogăroiu C**, Avramoiu M. Correlation between chronological age and the stage of union of the distal femur and proximal tibia epiphyses in a Romanian sample population. Rom J Leg Med [23] 171-176 [2015] DOI: 10.4323/rjlm.2015.171
- **Dogăroiu C**, Cosma A, Gherghe EV, Morosanu G, Avramoiu M. Age estimation in subadults using teeth eruption examination. Rom J Leg Med [23] 49-56 [2015] DOI: 10.4323/rjlm.2015.49
- **Dogăroiu C**, Capatina C, Gherghe EV, Avramoiu M. The importance of the ossification centre morphology in the left hand-wrist bones for age evaluation. Rom J Leg Med22(2)105-108(2014) DOI: 10.4323/rjlm.2014.105
- **Dogăroiu C**, et al. Postmortem corneal changes evaluated by fluorescent staining. Rom J Leg Med22(1)13-20(2014) DOI: 10.4323/rjlm.2014.13
- **Dogăroiu C**, Hackman L, Gherghe EV, Panaitescu E, Avramoiu M. Value of the appearance of left hand wrist ossification centres to age estimation in Roma population. Rom J Leg Med [21] 299-304 (2013) DOI: 10.4323/rjlm.2013.299
- **Dogăroiu C**, Dermengiu D, Viorel V. Forensic comparison between bear hind paw and human

feet. Case report and illustrated anatomical and radiological guide. Rom J Leg Med [20] 131-134 (2012) DOI: 10.4323/rjlm.2012.131

- Matei L, Panaitescu E, **Dogăroiu C\***. A comparison of the HLA database of the Romanian population with the Balkan populations. Rom J Leg Med 20(3)223-228(2012) DOI: 10.4323/rjlm.2012.223
- Capatina CO, **Dogăroiu C**, Hostiuc S, Dragoteanu C, Curca GC. Sudden Death Due to Aortic Coarctation. Acta Cardiol Sin 27(2)120-123(2011)
- **Dogăroiu C**, Sugden R. Practical implications of GC and HPLC methods for the analysis of drugs of abuse in blood. Rom J Leg Med 16(2)95-102(2008).

#### Other articles (IDB indexed, CNCSIS B+)

- **Dogăroiu C**. Naji MH, Hostiuc S. Suicide By AK 47. Case Report and Review of the Literature. International Journal of Criminal Investigation. 2(1) 2012
- **Dogăroiu C**, Hostiuc S. Morphological Characteristics Of Bloodstains– Forensic Consequences. International Journal of Criminal Investigation. 2(3) 2012
- **Dogăroiu C**. Forensic Examination of Typewritten and Office Printed Documents. International Journal of Criminal Investigation. 1(1), 2011.
- **Dogăroiu C**, Draghici V. Mass Disaster Investigation Rom J Leg Med 10(1) 2002
- Belis V. **Dogăroiu C**. Contribution to the Improvement of the Male Fertility Expertise Rom J Leg Med 6(1), 87-90(1998)
- **Dogăroiu C**. Entropy and Causality Rom J Leg Med 4(3) 273 – 276(1996)
- Dragomirescu VT, **Dogăroiu C**. Causality and Prediction in Medico-Legal Psychiatry, Rom J Leg Med 4(1)52-56(1996)
- Dragomirescu VT, **Dogăroiu C**. Borderline Situations in Interpreting Death Mechanism Rom J Leg Med 3(2)110-114(1995)
- **Dogăroiu C**, Alexandrescu G. Medico-legal Aspects of Lethal Insects Stings in Romania Rom J Leg Med 3(1)42-47(1995)
- Dragomirescu VT, **Dogăroiu C**. Methodological Criteria for Establishing Causal Connections in Non-lethal Traumatology, Rom J Leg Med 3(3) 224-227(1994)
- **Dogăroiu C**, Salem A. Drugs Influence on Driving Ability Rom J Leg Med 2(2)31-37(1994)

#### Research

- Partner team leader (partner P2 "Mina Minovici" National Institute of Legal Medicine) PN-II-PT-PCCA-2011-3.1-1487 "Consent in psychiatry in Romania. Historiography, research ethics and social consequences", coordinating institution "Carol Davila" University of Medicine and Pharmacy, 2016.
- Level A expert in "Forensic Research Applied to Judicial Activity" POSDRU/86/1.2./S/62307. Beneficiary "Al. I. Cuza" Police Academy, Bucharest, Romania. 01.06.2011 – 31.08.2011
- Level B expert in "Forensic Research Applied to Judicial Activity" POSDRU/86/1.2./S/62307. Beneficiary "Al. I. Cuza" Police Academy, Bucharest, Romania. 2009-2010
- Researcher - grant PN2 42153/2008 "Methods for improving the populational screening for drive under influence of drugs: prevention and control". Beneficiary "Mina Minovici" National Institute of Legal Medicine, 2006.

#### Editorial Boards

- Romanian Journal of Legal Medicine, 2015-2016
- Criminalistics, member in 2005
- International Journal of Criminal Investigation, member in 2010

#### Reviewer

- CRC Press, Taylor and Francis Books India Pvt. Ltd., 2018
- Journal of Forensic and Legal Medicine, Elsevier, Amsterdam, The Netherlands, 2016