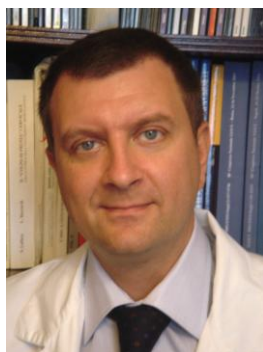




Europass Curriculum Vitae

Personal information



First name(s) / Surname(s)

CARLO LUCA ROMANO'

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Website

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Nationality

Italian

Date of birth

July, 6, 1963

Gender

Male

Occupational field

Orthopaedic surgery and trauma

SHORT BIO-SKETCH (max150 words)

Carlo Luca Romanò is a **free consultant in orthopaedic surgery**.

His clinical activity has been carried out at the **departments of hip surgery, knee and foot surgery and then in the osteo-articular infection unit at the Gaetano Pini Institute of Milan, Italy**. He then served as **adjunct Professor of Orthopedics at the University of Milan** and has been the **founder and Director of the Center of Reconstructive Surgery and Osteoarticular Infection and of the Milano Biofilm Center at the Research Orthopedic Institute Galeazzi in Milan, Italy**. Founder and owner of the Romano Institute ShPK based in Tirana, Albania, he currently also provides his services to Medical Line Consulting, Rome, Italy.

Co-founder and Secretary General of the World Association against Infection in Orthopedics and Trauma, he is **past-President of the European Bone and Joint Infection Society** and **co-founder and past-President of the Italian Study Group on Osteoarticular Infections**.

Work experience

Dates	
Occupation or position held	2023-... Founder and CEO of the Romano Global Consulting, Tirana, Albania 2020-... Consultant for Medical Line Consulting, Rome, Italy. 2018-... Founder and CEO of the Romano Institute, Tirana, Albania 1994-... Co-founder and owner of the Studio Medico Associato Cecca-Romanò, Milan, Italy. 2020-2022 Consultant for MedRight, Milano, Italy 2019-2022 Consultant at Villa Maria Healthcare Group, Bari, Italy. 2019-2022 Consultant at Policlinico di Monza Healthcare Group, Novara, Italy. 2005-2020 Adjunct Professor in Orthopaedics, Università Statale, Milan, Italy. 2016-2019 Founder and co-Director of the Milano Biofilm Center 2008-2019 Director of the Centre for Reconstructive Surgery and Osteo-articular Infections and Scientific Project Coordinator, Orthopaedic Research Institute Galeazzi, Milan, Italy. 2004-2008 Director of the Septic Hip Prosthesis Unit, G. Pini Orthopaedic Institute, Milan, Italy.
Name and address of employer	Romano Institute – Tirane, Albania Medical Line Consulting, Rome, Italy
Type of business or sector	Healthcare

Education and training

Dates 1993 Diploma cum laude in Orthopaedics and Trauma
1988 Degree cum laude in Medicine

Title of qualification awarded Orthopaedic surgeon
Italian and Albanian Medical Licence

Principal subjects/occupational Medicine - Orthopaedics and trauma

Surgical skills and fields of interest

- **Joint Arthroplasty Primary and Revision**
- **Trauma surgery**
- **Musculoskeletal infections management**
- **Arthroscopy**

UPPER LIMB SURGERY

Shoulder and elbow prosthesis

Trauma surgery (osteosynthesis, external fixation, nailing)

Epicondylitis and epithrocleitis treatment

Neurolysis

Wrist and hand surgery

LOWER LIMB SURGERY

Hip and knee prosthesis

Hip and knee revision prosthesis

Hip and knee arthroscopy

Regenerative surgery

Trauma surgery (osteosynthesis, external fixation, nailing)

Knee osteotomy

Ankle arthrodesis

Foot surgery

MUSCULOSKELETAL INFECTION SURGERY AND MANAGEMENT

Peri-prosthetic joint infection (PJI) one- and two-stage revision surgery

Fracture-related infection

Septic non-unions

Osteomyelitis

Septic arthritis

Name and type of organisation providing education and training Università Statale di Milano

Level in national or international classification Degree in Medicine
Specialty: Orthopaedics and Trauma surgery

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English, French**

Self-assessment

European level (*)

ENGLISH

FRENCH

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
	B2		B2		B2		B2		C1
	B1		B1		B1		B1		B1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	2017-...	Co-Founder and Secretary General of the World Association against Infection in Orthopaedics and Trauma (W.A.I.O.T.)
	2014	Co-Founder of the S.I.C.O.T. Infection Committee
	2011-2013	President of the European Bone and Joint Infection Society (E.B.J.I.S.)
	2011-2014	Delegate for the Regione Lombardia of the Italian Society of Orthopaedic Surgeons of Private Hospitals (S.I.C.O.O.P.)
	2009-2011	Vice-President of the European Bone and Joint Infection Society.
	2005-2009	Board member of the European Bone and Joint Infection Society
	2005-2008	President of the Italian Study Group on Osteo-articular Infections
	1996-...	Secretary General of the Lombard Regional Society of Orthopaedics (S.L.O.T.O.)

Additional information Grants and awards

1988-1993	Grant from the University of Milano, Specialty School in Orthopaedics and Traumatology.
1990	Grant from "Associazione per la Ricerca Neurofisiologica" A.S.S.O.R.N..
1991-1992	Grant from the Istituto Ortopedico G.Pini, of Milano.
1996	Grant from the "Società Italiana di Ortopedia e Traumatologia (S.I.O.T.)" for a research in cooperation with the Queen's University Bio-Medical Engineering Unit, Kingston, Ontario, Canada.
2010	European Bone and Joint Infection Society Research Award for a research entitled: " <i>In vitro activity of a biofilm disaggregating substance against biofilm formed by Staphylococcus aureus and Pseudomonas aeruginosa on polyethylene and titanium discs</i> ".
2013	European Bone and Joint Infection Society "Very Promising Research" Award for the research: "Prevention of implant-related infections using a resorbable antibacterial hydrogel coating: in vitro and in vivo study" .

Research activity (co-funded by the Italian Ministry of Health)

Project title	Starting Year/Month	Duration (months)
Programma computerizzato per la diagnosi multimodale delle infezioni di protesi di anca e ginocchio	2008 / 02	18
Teletermografia per il monitoraggio delle ferite chirurgiche in ortopedia	2008 / 02	18
Gait_Analysis Spacer K	2009/02	24
Teletermografia per la diagnosi differenziale di infezioni osteo-articolari	2009/02	18
Tessuti anti-batterici per uso ospedaliero	2010/02	12
Markers sierologici combinati di infezione osteo-articolare [PCT - Fe - PCR - VES...]	2010/02	12
Verifica clinica della efficacia di dispositivi medici emostatici di derivazione umana per l'uso in chirurgia di revisione protesica di ginocchio	2011/03	18
Use of silica-based bone substitutes for the treatment of bone defects in infections in orthopaedics and traumatology	2011/03	24
Sostituti ossei riassorbibili addizionati di antibatterici in ortopedia e traumatologia	2011/03	24
Analisi del passo di pazienti portatori di protesi totale di ginocchio da revisione in postumi di infezione. (Il parte Progetto di Ricerca Corrente n. 3021/2009)	2011/03	24
Studio sulla efficacia nella prevenzione della contaminazione del sito chirurgico di sigillanti anti-microbici versus pellicole adesive	2011/03	18
Analisi su base istologica della diversa risposta tissutale in cavie sane e cavie diabetiche ad inoculo batterico su materiale estraneo a livello femorale. Analisi su base istologica della risposta a vasodilatatori in sede intraoperatoria sullevoluzione di malattia	2011/03	24
Teletermografia per la diagnosi differenziale di protesi di ginocchio dolorose (settiche e asettiche)	2011/03	18

National and International approved Research Projects

Grant	Role	Title	Value
Metadistretti 2009 Regione Lombardia	Concept/Coordination	AMICROTEX	~ 1.6 [1.2 M]
FP7-HEALTH-2011 Commissione Europea	Concept/Coordination	IDAC	~ 6 M [2.8 M]

Patents

Document	Document Title
EP1514567A1	Device for attenuating pain of injections
US20050054981	Auxiliary device for attenuating pain of injections, traumas, small lesions, hair removing operations, and inflammation conditions

WO/2015/140088A1	IMPLANTABLE PASTE AND ITS USE
EP2875832A1	Implantable paste and its use
EP2875832B1	Implantable paste and its use
US20170072098	IMPLANTABLE PASTE AND ITS USE
US20170136454	CLOSED CIRCUIT STERILE DEVICE AND METHOD OF COLLECTION, TRANSPORT AND PROCESSING IN TOTAL STERILE CHAIN
EP3148699A1	CLOSED CIRCUIT STERILE DEVICE AND METHOD OF COLLECTION, TRANSPORT AND PROCESSING IN TOTAL STERILE CHAIN
WO/2015/177821A1	CLOSED CIRCUIT STERILE DEVICE AND METHOD OF COLLECTION, TRANSPORT AND PROCESSING IN TOTAL STERILE CHAIN

WO/2010/086421A1	ANTIBACTERIAL HYDROGEL AND USE THEREOF IN ORTHOPEDICS
WO/2012/014180A1	HYALURONIC ACID BASED HYDROGEL AND USE THEREOF IN SURGERY
WO/2015/059623A1	A BIOREABSORBABLE COMPOSITION CONTAINING ANTIBACTERIAL AGENTS FOR THE TREATMENT OF LOWER BACK PAIN
US20130129800	HYALURONIC ACID BASED HYDROGEL AND USE THEREOF IN SURGERY
EP2391399B1	ANTIBACTERIAL HYDROGEL AND USE THEREOF IN ORTHOPEDICS
US20190021702	EXTRACTION AND ANALYSIS DEVICE, IN PARTICULAR FOR SYNOVIAL FLUID
EP3344150A1	EXTRACTION AND ANALYSIS DEVICE, IN PARTICULAR FOR SYNOVIAL FLUID
WO/2017/037748A1	EXTRACTION AND ANALYSIS DEVICE, IN PARTICULAR FOR SYNOVIAL FLUID
EP3399975A1	VITAMIN E PHOSPHATE OR ACETATE FOR USE IN THE TREATMENT AND PREVENTION OF BIOFILM INFECTIONS
US20190015385	VITAMIN E PHOSPHATE OR ACETATE FOR USE IN THE TREATMENT AND PREVENTION OF BIOFILM INFECTIONS
WO/2017/119009A9	VITAMIN E PHOSPHATE OR ACETATE FOR USE IN THE TREATMENT AND PREVENTION OF BIOFILM INFECTIONS

Selection of publications

1. Tsikopoulos K, Meroni G, Kaloudis P, Pavlidou E, Gravalidis C, Tsikopoulos I, Drago L, **Romano CL**, Papaioannidou P. Is nanomaterial- and vancomycin-loaded polymer coating effective at preventing methicillin-resistant *Staphylococcus aureus* growth on titanium disks? An in vitro study. [Int Orthop. 2023 Mar 28](#). doi: 10.1007/s00264-023-05757-2.
2. Drago L, Romanò D, Fidanza A, Giannetti A, Erasmo R, Mavrogenis AF, **Romanò CL**. Dithiotreitol pre-treatment of synovial fluid samples improves microbiological counts in peri-prosthetic joint infection. [Int Orthop. 2023](#) Feb 22. doi: 10.1007/s00264-023-05714-z. Epub ahead of print. PMID: 36810966.
3. Tsantes AG, Altsitzoglou P, Papadopoulos DV, Lorenzo D, **Romanò CL**, Benzakour T, Tsukamoto S, Errani C, Angelini A, Mavrogenis AF. Infections of Tumor Prostheses: An Updated Review on Risk Factors, Microbiology, Diagnosis, and Treatment Strategies. [Biology \(Basel\). 2023](#) Feb 15;12(2):314. doi: 10.3390/biology12020314. PMID: 36829589; PMCID: PMC9953401.
4. Konstantinos Sidiropoulos, Savvas Ilias Christofilos, Konstantinos Tsikopoulos, Dimitrios Kitridis, Lorenzo Drago, Gabriele Meroni, **Carlo Luca Romanò**, Venu Kavarthapu. Viral infections in orthopedics: A systematic review and classification proposal. [World Journal of Orthopaedics 13;1015-1028](#).
5. Drago L, **Romanò CL**. Commentary: Dithiothreitol (DTT), When Used as Biofilm Detaching Method to Diagnose Implant-Associated Infections, Does Not Affect Microorganisms' Viability, According to the Current Literature. [Front Microbiol. 2022](#) Feb 24;12:814945. doi: 10.3389/fmicb.2021.814945. PMID: 35345543; PMCID: PMC8957080.
6. Amadei F, Bruno MC, **Romano' C**, Basile G. A case of infection and severe soft tissue loss of the elbow. Planning surgical treatment in compliance with good clinical-care practices and medico-legal implications. [Acta Biomed. 2022 Jun 30;93\(S1\):e2022106](#). doi: 10.23750/abm.v93iS1.12389.
7. **Romanò, C.L.**; Kirienko, A.; Sandrone, C.; Toro, G.; Toro, A.; Valente, E.P.; Caporale, M.; Imbimbo, M.; Falzarano, G.; Setti, S.; Meani, E. Low-Intensity Pulsed Ultrasound in the Treatment of Nonunions and Fresh Fractures: A Case Series. *Trauma Care* **2022**, 2, 174-184. <https://doi.org/10.3390/traumacare2020014>
8. Drago L, **Romanò CL**. Commentary: Dithiothreitol (DTT), When Used as Biofilm Detaching Method to Diagnose Implant-Associated Infections, Does Not Affect Microorganisms' Viability, According to the Current Literature. [Front Microbiol. 2022 Feb 24;12:814945](#).
9. Battaglia AG, Ali-Zade C, Monti L, Al Khawashki H, Winkler H, Del Sel H, Mavrogenis AF, Benzakour T, Drago L, Romanò CL. Metal Hypersensitivity or Missed Periprosthetic Joint Infection? A Critical Review. [Orthopedics. 2022 Mar-Apr;45\(2\):e73-e78](#).
10. Logoluso N, Pedrini FA, Morelli I, De Vecchi E, **Romanò CL**, Pellegrini AV. Megaprotheses for the revision of infected hip arthroplasties with severe bone loss. [BMC Surg. 2022 Feb 25;22\(1\):68](#).
11. **Romanò CL**, Petrosillo N, Argento G, Sconfienza LM, Treglia G, Alavi A, Glaudemans AWJM, Gheysens O, Maes A, Lauri C, Palestro CJ, Signore A. The Role of Imaging Techniques to Define a Peri-Prosthetic Hip and Knee Joint Infection: Multidisciplinary Consensus Statements. [J Clin Med. 2020 Aug 6;9\(8\):2548](#).
12. Agashe VM, Johari AN, Shah M, Anjum R, **Romano C**, Drago L, Sharma HK, Benzakour T. Diagnosis of Osteoarticular Tuberculosis: Perceptions, Protocols, Practices, and Priorities in the Endemic and Non-Endemic Areas of the World-A WAIOT View. [Microorganisms. 2020 Aug 28;8\(9\):1312](#).
13. Bozhkova S, Suardi V, Sharma HK, Tsuchiya H, Del Sel H, Hafez MA, Benzakour T, Drago L, **Romanò CL**. The W.A.I.O.T. Definition of Peri-Prosthetic Joint Infection: A Multi-center, Retrospective Validation Study. [J Clin Med. 2020;9\(6\):E1965. Published 2020 Jun 23. doi:10.3390/jcm9061965](#).
14. Drago L, **Romanò CL**, Morelli I, Benzakour T. Viral Bone Infection: A Neglected Disease?. [Microorganisms. 2020;8\(6\):E797. Published 2020 May 26. doi:10.3390/microorganisms8060797](#).
15. **Romanò CL**, Drago L, Del Sel H, et al. Loud and silent epidemics in the third millennium: tuning-up the volume. [Int Orthop. 2020;44\(6\):1019-1022. doi:10.1007/s00264-020-04608-8](#).
16. Drago L, Clerici P, Morelli I, Ashok J, Benzakour T, Bozhkova S, Alizadeh C, Del Sel H, Sharma HK, Peel T, Mattina R, **Romanò CL** The World Association against Infection in Orthopaedics and Trauma (WAIOT) procedures for Microbiological Sampling and Processing for Periprosthetic Joint Infections (PJIs) and other Implant-Related Infections. [J Clin Med. 2019;8\(7\):933. Published 2019 Jun 28. doi:10.3390/jcm8070933](#).
17. **Romanò C.L.**, Bozhkova S., Artyukh V., Romanò D., Tsuchiya H., Drago L. Local Antibacterial Implant Protection in Orthopedics and Trauma: What's New? [Travmatologiya i ortopediya Rossii \[Traumatology and Orthopedics of Russia\]. 2019;25\(4\):64-74. doi: 10.21823/2311-2905-2019-25-4-64-74](#).

18. Drago L, Zuccotti GV, **Romanò CL**, Karan G, Goswami K, Villafane J, Mattina R, Parvizi J; Oral–Gut Microbiota and Arthritis: Is There an Evidence-Based Axis ? [J Clin Med. 2019 8\(10\):1753.](#)
19. **Romanò CL**, Tsuchiya H, Morelli I, Battaglia AG, Drago L. Antibacterial coating of implants: are we missing something? [Bone Joint Res. 2019 Jun 5;8\(5\):199-206.](#) doi: 10.1302/2046-3758.85.BJR-2018-0316. eCollection 2019 May. PubMed PMID:31214332; PubMed Central PMCID: PMC6548976.
20. **Romanò CL**, Khawashki HA, Benzakour T, Bozhkova S, Del Sel H, Hafez M, Johari A, Lob G, Sharma HK, Tsuchiya H, Drago L; World Association against Infection in Orthopedics and Trauma (W.A.I.O.T.) Study Group on Bone and Joint Infection Definitions. The W.A.I.O.T. Definition of High-Grade and Low-Grade Peri-Prosthetic Joint Infection. [J Clin Med. 2019 May 10;8\(5\). pii: E650. doi:10.3390/jcm8050650. PubMed PMID: 31083439.](#)

Tirana, October 14, 2025