

CURRICULUM VITAE OF CLARA MALATTIA

PERSONAL INFORMATION

Prof Clara Malattia MD PhD

Date of birth 27/11/1972,

Place of birth Pavia, Italy

Professional Mailing Address: IRCCS Istituto Giannina Gaslini, Reumatologia e Malattie Autoinfiammatorie, Via G. Gaslini 5 Post Code 16147 Genoa, Italy.

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DEGREES AND YEAR CONFERRED

1998: Degree in Medicine cum laude, University of Pavia, Italy.

2004: Specialty in Pediatrics, University of Pavia, Italy.

2010: PhD Clinical Genetics and Immunology of pediatric diseases. Scuola di Dottorato in Scienze e Tecnologie Biomediche. University of Genoa, Italy.

FIELD OF CLINICAL AND RESEARCH ACTIVITY

Pediatric Rheumatology (main specific area of research: development of imaging outcome measures in pediatric rheumatology).

PROFESSIONAL EXPERIENCE

2021-ongoing

Associate Professor of Pediatrics, Department of Neurosciences, Rehabilitation, Ophthalmology, Genetic and Maternal Infantile Sciences (DINOEMI) University of Genoa, Italy.

2010-2021

Assistant Professor of Pediatrics, Department of Neurosciences, Rehabilitation, Ophthalmology, Genetic and Maternal Infantile Sciences (DINOEMI) University of Genoa, Italy.

2006-2010

Research Contract, Pediatric Rheumatology Department, Istituto Giannina Gaslini, Genoa, Italy

2005-2006

Dirigente Medico I livello, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia, Italy

2001 Health cooperation in Ayamè Hospital, Ivory Coast.

1999 - 2004

Pediatric resident, Clinica Pediatrica, University of Pavia, Italy.

Brief Summary of Relevant Clinical Research Experience:

Clara Malattia, is a paediatric rheumatologist and Associate Professor of paediatrics at the University of Genoa, Italy. She works in the Department of Paediatrics Rheumatology of Istituto Giannina Gaslini in Genoa, a "EULAR Centre of Excellence in Rheumatology" for what concern paediatric

rheumatic disorders. Her research focus is imaging in chronic rheumatic diseases of the childhood. In particular, one of her research interests is the development and validation of imaging scoring systems to assess the overall disease activity and damage in the joints of children affected by juvenile idiopathic arthritis. She has published original researches which have contributed to demonstrate the substantial role of modern imaging modalities, such as MRI and ultrasound, in optimizing the management of patients with juvenile idiopathic arthritis.

Clara Malattia was Co-Chairman of the European League Against Rheumatism (EULAR)-Pediatric Rheumatology European Society (PReS) Task Force that was convened to produce recommendations on the use of imaging in the diagnosis and management of juvenile idiopathic arthritis. She is member of the Outcome Measure Rheumatoid Arthritis Clinical Trials (OMERACT) US in Juvenile Idiopathic Arthritis Special Interest Group. She has collaborated with the European Federation of Societies for Ultrasound in Medicine and Biology (EFSUMB) Task Force that has recently developed the Guidelines and Recommendations for Musculoskeletal Ultrasound. She was a member of the European League Against Rheumatism (EULAR) Task Force that was convened to produce recommendations for the use of imaging to guide interventional procedures in patients with rheumatic and musculoskeletal diseases (RMDs). She is member of the steering committee of Ped-MUS, a global international educational initiative aiming to implement the use of ultrasonography into clinical practice. She is co-founder of the Italian Pediatric Ultrasound in Rheumatology group, a national initiative aiming to implement the use of ultrasonography in the assessment of patients with chronic rheumatic diseases. Since 2013 to date she has been a lecturer and organizer of International and National Musculoskeletal Ultrasound courses.

She also has vast experience in the conduction of clinical trials related to childhood rheumatic diseases.

PUBLICATIONS

- Author or co-author of more than 100 full-length articles in international scientific journals H-index of 36 (Scopus).

AWARDS

- Kourir Award 2008 Magnetic resonance imaging, ultrasonography, and conventional radiography in the assessment of bone erosions in juvenile idiopathic arthritis.
- Kourir Award 2009 per lo studio: Bone marrow oedema predicts erosive progression on wrist MRI in Juvenile idiopathic arthritis.
- Best Health-e-Child Clinical Research "MRI protocol and score for JIA" 22 aprile 2010 Sestri Levante.

RESEARCH PROJECTS

-2006-2010: Health-e-Child Integrated Project (IST-2004-027749). European Public funding. Amount € 175,000. Dr. Clara Malattia was Task Leader of the project titled "A new approach to Juvenile Idiopathic Arthritis: Vertical integration of clinical, radiological and biological data".

-Task leader of the project titled: Valutazione mediante RMN del danno precoce a carico della cartilagine articolare in pazienti affetti da AIG. Regione Liguria Public Funding. Amount: € 160.400 euro

-2012-2015. Marie Curie Initial Training Networks (ITN). Call: FP7-PEOPLE-2011-ITN

EUTRAIN. European Public funding. Amount €. 504.972.60. Dr. Clara Malattia was Task Leader of the project titled Imaging as Biomarkers of Disease (ERS3).

-2013-2017 MD PAEDEGREE (Model Driven European Paediatric Digital Repository), GRANT n 600932 FP7-ICT-2011-9. European Public funding.

Dr. Clara Malattia was Task Leader of the project titled “Data acquisition and processing for Juvenile Idiopathic Arthritis”.

-2021-ongoing: PI of the project titled “Sviluppo di un modello integrato per la predizione del decorso e dell’outcome dell’artrite idiopatica giovanile ANA-positiva ad esordio precoce”. Funded by the Italian Ministry of Health: Amount € 125.000

- 2024- ongoing: PI of the project titled "Fibromialgia giovanile: valutazione delle differenze tra i sessi nell’impatto del dolore cronico attraverso un innovativo approccio multidimensionale." Funded by the Italian Ministry of Health: Amount € 50.000

- 2024-ongoing PI of the project titled (PNRR-MCNT2-2023-12378373)“Toward personalized medicine to guide drug withdrawal in children with juvenile idiopathic arthritis in clinical remission: a randomized clinical trial comparing early versus late drug withdrawal combining imaging and multi-Omics.” . Funded by the Italian Ministry of Health. Amount: € 820.000,00

SCIENTIFIC COLLABORATIONS:

Period 2013-2015: Co-Chairman of the European League Against Rheumatism (EULAR)-Pediatric Rheumatology European Society (PREs) Task Force to produce recommendations on the use of imaging in the diagnosis and management of juvenile idiopathic arthritis.

Period 2016- 2021: Project: EULAR Web Library Imaging

Period 2019-2021: Collaboration with the European Federation of Societies for Ultrasound in Medicine and Biology (EFSUMB) Task Force for the development of Guidelines and Recommendations for Musculoskeletal Ultrasound.

Period 2019-2021 Member of the EULAR task force to develop recommendation on the use of imaging to guide interventional procedures in RMD.

Period 2019-2021 EULAR project IMG015 to develop Standardised procedures for Ultrasound Imaging in Paediatric Rheumatology“.

Period 2019-ongoing: Project "APPLICABILITY OF STANDARDIZED ULTRASOUND EXAMINATION TO ESTIMATE DISEASE ACTIVITY IN COMBINATION WITH JADAS AND INFLAMMATION MARKERS IN JIA PATIENTS. PI: Dr. Lazarevic, Nis, Serbia. Foundation for Research in Rheumatology

SCIENTIFIC SOCIETIES

- Member of Società Italiana di Reumatologia Pediatrica (since 2022-ongoing)
- Member of the Paediatric Rheumatology European Society (PRES)
- Member of the Pediatric Rheumatology European Society Juvenile Idiopathic Arthritis. Imaging Working Party

FULL-LENGTH ARTICLES OF PROF. CLARA MALATTIA IN INTERNATIONAL SCIENTIFIC JOURNALS

- 1) Ravelli A, Rosina S, MacMahon JM, Baird T, Rebollo-Giménez AI, Hinze C, McCann LJ, Reed AM, Rider LG, Arvigo M, Bader-Meunier B, Bruno C, Caifeng L, Campanilho-Marques R, Cuccato S, Fiorillo C, Hahn NA, Huber AM, Jansen M, Kasapcopur O, Katsikas MM, Kim S, Livermore P, Maillard S, Malattia C, Migowa AN, Miyamae T, Murphy R, Nicolai R, Papadopoulou C, Pilkington C, Sanner H, Sawhney S, Smolewska E, Tarvin SE, Tiller G, Toplak N, Wedderburn LR, Bovis F, Consolaro A, Feldman BM. Treating juvenile dermatomyositis to target: Paediatric Rheumatology European Society/Childhood Arthritis and Rheumatology Research Alliance-endorsed recommendations from an international task force. *Ann Rheum Dis*. 2025 May 22:S0003-4967(25)00950-1. doi: 10.1016/j.ard.2025.04.024. Epub ahead of print. PMID: 40410052.
- 2) Roth J, Malattia C. Best practice in rheumatology new developments in ultrasound and MRI imaging of pediatric rheumatic diseases. *Best Pract Res Clin Rheumatol*. 2025 May 7:102069. doi: 10.1016/j.berh.2025.102069. Epub ahead of print. PMID: 40340141.
- 3) Lavarello C, Ancona S, Malattia C. Juvenile Primary Fibromyalgia Syndrome: Advances in Etiopathogenesis, Clinical Assessment and Treatment: A Narrative Review. *Biomedicines*. 2025 May 10;13(5):1168. doi: 10.3390/biomedicines13051168. PMID: 40426996; PMCID: PMC12109102.
- 4) Matucci-Cerinic C, Attico A, Malattia C, Consolaro A, Rosina S, Breda L, La Bella S, Cattalini M, Ricci F, Conti G, Civino A, Baldini L, Licciardi F, Insalaco A, La Torre F, Pastore S, Filocamo G, Beretta GB, Biscaro F, Miniaci A, Simonini G, Marrani E, Pistorio A, Ruperto N, Volpi S, Caorsi R, Viglizzo G, Gattorno M; REUMAPED. Towards the definition of disease phenotypes in paediatric SAPHO syndrome: a national multicentric study. *Rheumatology (Oxford)*. 2025 Jun 1;64(6):3777-3786. doi: 10.1093/rheumatology/keaf065. PMID: 39909492
- 5) Caorsi R, Bertoni A, Matucci-Cerinic C, et al. Long-term efficacy of MAS825, a bispecific anti-IL1 β and IL-18 monoclonal antibody, in two patients with sJIA and recurrent episodes of MAS. *Rheumatology (Oxford)*. Published online August 23, 2024. doi:10.1093/rheumatology/keae440
- 6) Malattia C, Chiappe G, Capurro C, et al. High prevalence of orofacial pain in juvenile fibromyalgia as detected by a novel tool specifically devised for children and adolescents. *Clin Exp Rheumatol*. 2024;42(6):1272-1279.
- 7) Lercara A, Malattia C, Hysa E, et al. Microvascular status in juvenile Sjögren's disease: the first nailfold videocapillaroscopy investigation. *Clin Rheumatol*. 2024;43:733-741.
- 8) Papa R, Schena F, Corcione A, et al. Seropositive polyarthritis and diffuse lymphadenopathy associated with PRKCD mutation. *Rheumatology (Oxford)*. 2024;63(6):e179-e180. doi:10.1093/rheumatology/kead639
- 9) Malattia C, Chiarella L, Sansone M, Pistorio A, Lavarello C, Carpaneto M, Ferri R, Ravelli A, Nobili L. Sleep and Sleep Complaints in Juvenile Fibromyalgia Syndrome. *J Rheumatol*. 2023 Jun;50(6):827-834.
- 10) Mazzoni M, Pistorio A, Magnaguagno F, Viola S, Urru A, Magnano GM, Ravelli A, Malattia C. Predictive value of MRI in patients with juvenile idiopathic arthritis in clinical remission. *Arthritis Care Res (Hoboken)*. 2023 Jan;75(1):198-205
- 11) Collado P, Martire MV, Lanni S, De Lucia O, Balint P, Guillaume-Czitrom S, Hernandez-Diaz C, Sande NK, Magni-Manzoni S, Malattia C, Rossi-Semerano L, Roth J, Ting T, Vega-Fernandez P, Windschall D, D'Agostino MA, Naredo E; OMERACT Ultrasound Group. OMERACT International Consensus for Ultrasound Definitions of Tenosynovitis in Juvenile Idiopathic Arthritis: Systematic Literature Review and Delphi Process. *Arthritis Care Res (Hoboken)*. 2023 May 23. doi: 10.1002/acr.25159. Online ahead of print. PMID: 37221153.
- 12) Tanturri de Horatio L, Shelmerdine SC, d'Angelo P, Di Paolo PL, Magni-Manzoni

- S, Malattia C, Damasio MB, Tomà P, Avenarius D, Rosendahl K. A novel magnetic resonance imaging scoring system for active and chronic changes in children and adolescents with juvenile idiopathic arthritis of the hip. *Pediatr Radiol*. 2023 ;53(3):426-437.
- 13) DeJaco C, Machado PM, Carubbi F, Bosch P, Terslev L, Tamborrini G, Sconfienza LM, Scirè CA, Ruetten S, van Rompay J, Proft F, Pitzalis C, Obradov M, Moe RH, Mascarenhas VV, Malattia C, Klauser AS, Kent A, Jans L, Hartung W, Hammer HB, Duftner C, Balint PV, Alunno A, Baraliakos X. EULAR Points to Consider for the use of imaging to guide interventional procedures in patients with rheumatic and musculoskeletal diseases (RMDs). *Ann Rheum Dis*. 2021 Dec . doi: 10.1136/annrheumdis-2021-221261. Online ahead of print
 - 14) Cristina Morreale, Dario Bleidl, Angela Rita Sementa, and Clara Malattia. Cutaneous mucinosis of infancy: a rare case of joint involvement. *Pediatr Rheumatol Online J*. 2021; 19: 99. Published online 2021 Jun 29. doi: 10.1186/s12969-021-00590-6, PMID: 34187505
 - 15) Orsini A, Foiadelli T, Magistrali M, Carli N, Bagnasco I, Dassi P, Verrotti A, Marcotulli D, Canavese C, Nicita F, Capuano A, Marra C, Fetta A, Nosadini M, Sartori S, Papa A, Viri M, Greco F, Pavone P, Simonini G, Matricardi S, Siquilini S, Marchese F, De Grandis E, Brunenghi BM, Malattia C, Bassanese F, Bergonzini P, Bonuccelli A, Consolini R, Marseglia GL, Peroni D, Striano P, Cordelli D, Savasta S. A nationwide study on Sydenham's chorea: Clinical features, treatment and prognostic factors. *Eur J Paediatr Neurol*. 2022;36:1-6. doi: 10.1016/j.ejpn.2021.11.002.
 - 16) Fodor D, Rodriguez-Garcia SC, Cantisani V, Hammer HB, Hartung W, Klauser A, Martinoli C, Terslev L, Alfageme F, Bong D, Bueno A, Collado P, D'Agostino MA, de la Fuente J, Iohom G, Kessler J, Lenghel M, Malattia C, Mandl P, Mendoza-Cembranos D, Micu M, Möller I, Najm A, Özçakar L, Picasso R, Plagou A, Sala-Blanch X, Sconfienza LM, Serban O, Simoni P, Sudoł-Szopińska I, Tesch C, Todorov P, Uson J, Vlad V, Zaottini F, Bilous D, Gutiu R, Pelea M, Marian A, Naredo E. The EFSUMB Guidelines and Recommendations for Musculoskeletal Ultrasound - Part I: Extraarticular Pathologies. *Ultraschall Med*. 2022;43:34-57.
 - 17) Campochiaro C, Tomelleri A, Galli E, Cocchiara E, Sartorelli S, Muratore F, Malattia C, Caorsi R, Catanoso MG, Baldissera E, Ravelli A, Salvarani C, Dagna L. Failure of first anti-TNF agent in Takayasu's arteritis: to switch or to swap? *Clin Exp Rheumatol*. 2021 Mar-Apr;39 Suppl 129(2):129-134. Epub 2021 Mar 5. PMID: 33666154
 - 18) Naredo E, Rodriguez-Garcia SC, Terslev L, Martinoli C, Klauser A, Hartung W, Hammer HB, Cantisani V, Zaottini F, Vlad V, Uson J, Todorov P, Tesch C, Sudoł-Szopińska I, Simoni P, Serban O, Sconfienza LM, Sala-Blanch X, Plagou A, Picasso R, Özçakar L, Najm A, Möller I, Micu M, Mendoza-Cembranos D, Mandl P, Malattia C, Lenghel M, Kessler J, Iohom G, de la Fuente J, D'Agostino MA, Collado P, Bueno A, Bong D, Alfageme F, Bilous D, Gutiu R, Marian A, Pelea M, Fodor D. The EFSUMB Guidelines and Recommendations for Musculoskeletal Ultrasound - Part II: Joint Pathologies, Pediatric Applications, and Guided Procedures. *Ultraschall Med*. 2021 Nov 3. doi: 10.1055/a-1640-9183. Online ahead of print. PMID: 34734404
 - 19) Mazzoni M, Dell'Orso G, Grossi A, Ceccherini I, Viola S, Terranova P, Micalizzi C, Guardo D, Massaccesi E, Palmisani E, Calvillo M, Fioredda F, Malattia C, Dufour C, Ravelli A, Miano M. Underlying CTLA4 Deficiency in a Patient With Juvenile Idiopathic Arthritis and Autoimmune Lymphoproliferative Syndrome Features Successfully Treated With Abatacept-A Case Report. *J Pediatr Hematol Oncol*. 2021 Nov 1;43(8):e1168-e1172.
 - 20) Malattia C, Tolend M, Mazzoni M, Panwar J, Zlotnik M, Otobo T, Vidarsson L, Doria AS. Current status of MR imaging of juvenile idiopathic arthritis. *Best Pract Res Clin*

- Rheumatol. 2020 Dec 3;101629. doi: 10.1016/j.berh.2020.101629. Online ahead of print.PMID: 33281052 Review.
- 21) Rosina S, Varnier GC, Pistorio A, Pilkington C, Maillard S, Civino A, Tsitsami E, Bracaglia C, Jelusic M, Cespedes-Cruz A, Espada G, Cimaz R, Coutillault G, Joos R, Quartier P, Rao AP, Malattia C, Ruperto N, Consolaro A, Ravelli A; Pediatric Rheumatology International Trials Organization (PRINTO). Development and testing of reduced versions of the MMT-8 in juvenile dermatomyositis. *J Rheumatol.* 2021 Jun;48(6):898-906
 - 22) Windschall D, Malattia C. Ultrasound imaging in paediatric rheumatology. *Best Pract Res Clin Rheumatol.* 2020;101570. doi: 10.1016/j.berh.2020.101570. Online ahead of print.PMID: 32859519 Review.
 - 23) Vernocchi P, Marini F, Capuani G, Tomassini A, Conta G, Del Chierico F, Malattia C, De Benedetti F, Martini A, Dallapiccola B, van Dijkhuizen EHP, Miccheli A, Putignani L. Fused Omics Data Models Reveal Gut Microbiome Signatures Specific of Inactive Stage of Juvenile Idiopathic Arthritis in Pediatric Patients. *Microorganisms.* 2020;8:1540. doi: 10.3390/microorganisms8101540.PMID: 33036309
 - 24) Malattia C, Ruperto N, Pederzoli S, Palmisani E, Pistorio A, Wouters C, Dolezalova P, Flato B, Garay S, Giancane G, Wells C, Douglass W, Brunner HI, De Benedetti F, Ravelli A; Paediatric Rheumatology International Trials Organisation (PRINTO) and the Pediatric Rheumatology Collaborative Study Group (PRCSG)Tocilizumab may slow radiographic progression in patients with systemic or polyarticular-course juvenile idiopathic arthritis: post hoc radiographic analysis from two randomized controlled trials. *Arthritis Res Ther.* 2020 10;22:211.
 - 25) Montefiori E1,2, Modenese L3,4, Di Marco R3,5, Magni-Manzoni S6, Malattia C7, Petrarca M8, Ronchetti A9, de Horatio LT10, van Dijkhuizen P11, Wang A12, Wesarg S12, Viceconti M13,14, Mazzà C15,3; MD-PAEDIGREE Consortium. Linking Joint Impairment and Gait Biomechanics in Patients with Juvenile Idiopathic Arthritis. *Ann Biomed Eng.* 2019 May20. doi: 10.1007/s10439-019-02287-0.
 - 26) Montefiori E, Modenese L, Di Marco R, Magni-Manzoni S, Malattia C, Petrarca M, Ronchetti A, de Horatio LT, van Dijkhuizen P, Wang A, Wesarg S, Viceconti M, Mazzà C; MD- PAEDIGREE Consortium. An image-based kinematic model of the tibiotalar and subtalar joints and its application to gait analysis in children with Juvenile Idiopathic Arthritis. *J Biomech.* 2019 Mar 6;85:27-36. doi: 10.1016/j.jbiomech.2018.12.041. Epub 2019.
 - 27) van Dijkhuizen EHP, Del Chierico F, Malattia C, Russo A, Pires Marafon D, Ter Haar NM, Magni-Manzoni S, Vastert SJ, Dallapiccola B, Prakken B, Martini A, De Benedetti F, Putignani L; MD-Paedegree consortium. Microbiome analytics of the gut microbiota in juvenile idiopathic arthritis patients: an observational, longitudinal cohort study. *Arthritis Rheumatol.* 2018 Dec 28. doi: 10.1002/art.40827.
 - 28) van Dijkhuizen EHP, Vanoni F, Magnano GM, Magnaguagno F, Rosendahl K, van Rossum MA, Martini A, Malattia C; and the OMERACT Working Group MRI in JIA. Effect of the Inclusion of the Metacarpophalangeal Joints on the Wrist Magnetic Resonance Imaging Scoring System in Juvenile Idiopathic Arthritis. *J Rheumatol.* 2018 Nov;45(11):1581-1587.
 - 29) Malattia C, Rinaldi M, Martini A. The role of imaging in juvenile idiopathic arthritis. *Expert Rev Clin Immunol.* 2018 Aug;14(8):681-694.
 - 30) van Dijkhuizen EHP, Aidonopoulos O, Ter Haar NM, Pires Marafon D, Magni-Manzoni S, Ioannidis YE, Putignani L, Vastert SJ, Malattia C, De Benedetti F, Martini A. Prediction of inactive disease in juvenile idiopathic arthritis: a multicentre observational cohort study. *Rheumatology (Oxford).* 2018 Oct 1;57(10):1752-1760.

- Shelmerdine SC, Di Paolo PL, Tanturri de Horatio L, Malattia C, Magni-Manzoni S, Rosendahl K. Imaging of the hip in juvenile idiopathic arthritis. *Pediatr Radiol*. 2018 Jun;48(6):811-817.
- 31) Malattia C, Tzaribachev N, van den Berg JM, Magni-Manzoni S. Juvenile idiopathic arthritis - the role of imaging from a rheumatologist's perspective. *Pediatr Radiol*. 2018 Jun;48(6):785- 791.
 - 32) Avenarius DFM, Nusman C, Malattia C, de Horatio LT, Rosendahl K, Maas M, Müller LO. Current status of wrist imaging in juvenile idiopathic arthritis. *Pediatr Radiol*. 2018 Jun;48(6):801-810.
 - 33) Shelmerdine SC, Di Paolo PL, Rieter JFMM, Malattia C, Tanturri de Horatio L, Rosendahl K. A novel radiographic scoring system for growth abnormalities and structural change in children with juvenile idiopathic arthritis of the hip. *Pediatr Radiol*. 2018 Aug;48(8):1086- 1095.
 - 34) Bertamino M, Severino M, Grossi A, Rusmini M, Tortora D, Gandolfo C, Pederzoli S, Malattia C, Picco P, Striano P, Ceccherini I, Di Rocco M; Gaslini Pediatric Stroke Group. ABCC6 mutations and early onset stroke: Two cases of a typical Pseudoxanthoma Elasticum. *Eur J Paediatr Neurol*. 2018 Jul;22(4):725-728.
 - 35) Rosina S, Varnier GC, Mazzoni M, Lanni S, Malattia C, Ravelli A. Innovative Research Design to Meet the Challenges of Clinical Trials for Juvenile Dermatomyositis. *Curr Rheumatol Rep*. 2018 Apr 10;20(5):29.
 - 36) Nusman CM, de Horatio LT, Hemke R, van Gulik EC, Ording Müller LS, Malattia C, Avenarius D, Toma P, Roth J, Tzaribachev N, Magni-Manzoni S, Maas M, Doria AS, Rosendahl K. Imaging in juvenile idiopathic arthritis - international initiatives and ongoing work. *Pediatr Radiol*. 2018 Jun;48(6):828-834.
 - 37) Lanni S, van Dijkhuizen EHP, Vanoni F, Viola S, Magnaguagno F, Magnano GM, Gandolfo C, Ravelli A, Malattia C. Ultrasound changes in synovial abnormalities induced by treatment in juvenile idiopathic arthritis. *Clin Exp Rheumatol*. 2018 Mar-Apr;36(2):329-334.
 - 38) Shelmerdine SC, Di Paolo PL, Tanturri de Horatio L, Malattia C, Magni-Manzoni S, Rosendahl K. Imaging of the hip in juvenile idiopathic arthritis. *Pediatr Radiol*. 2018 Jun;48(6):811-817. doi: 10.1007/s00247-017-4022-7. Epub 2018 May 8. PMID: 29766251 Review.
 - 39) Granata C, Damasio MB, Zaottini F, Airaldi S, Malattia C, Colafati GS, Tomà P, Magnano G, Martinoli C. Imaging of Childhood Vasculitis. *Radiol Clin North Am*. 2017 Sep;55(5):1131-1143.
 - 40) Vanoni F, Minoia F, Malattia C. Biologics in juvenile idiopathic arthritis: a narrative review. *Eur J Pediatr*. 2017 Sep;176(9):1147-1153.
 - 41) Caorsi R, Penco F, Grossi A, Insalaco A, Omenetti A, Alessio M, Conti G, Marchetti F, Picco P, Tommasini A, Martino S, Malattia C, Gallizi R, Podda RA, Salis A, Falcini F, Schena F, Garbarino F, Morreale A, Pardeo M, Ventrìci C, Passarelli C, Zhou Q, Severino M, Gandolfo C, Damonte G, Martini A, Ravelli A, Aksentijevich I, Ceccherini I, Gattorno M. ADA2 deficiency (DADA2) as an unrecognised cause of early onset polyarteritis nodosa and stroke: a multicentre national study. *Ann Rheum Dis*. 2017 Oct;76(10):1648-1656.
 - 42) Ravelli A, Davì S, Bracciolini G, Pistorio A, Consolaro A, van Dijkhuizen EHP, Lattanzi B, Filocamo G, Verazza S, Gerloni V, Gattinara M, Pontikaki I, Insalaco A, De Benedetti F, Civino A, Presta G, Breda L, Marzetti V, Pastore S, Magni-Manzoni S, Maggio MC, Garofalo F, Rigante D, Gattorno M, Malattia C, Picco P, Viola S, Lanni S,

- Ruperto N, Martini A; Italian Pediatric Rheumatology Study Group. Intra-articular corticosteroids versus intra-articular corticosteroids plus methotrexate in oligoarticular juvenile idiopathic arthritis: a multicentre, prospective, randomised, open-label trial. *Lancet*. 2017 Mar 4;389(10072):909-916.
- 43) Papa R, Fiorillo C, Malattia C, Minoia F, Caorsi R, Assereto S, Iacomino M, Savarese M, Nigro V, Bruno C, Minetti C, Picco P. Inflammatory myopathy in a patient with collagen VI mutations. *Scand J Rheumatol*. 2017 Jan 18:1-2.
 - 44) Collado P, Malattia C. Imaging in paediatric rheumatology: Is it time for imaging? *Best Pract Res Clin Rheumatol*. 2016 Aug;30(4):720-735.
 - 45) Roth J1, Ravagnani V, Backhaus M, Balint P, Bruns A, Bruyn GA, Collado P, De la Cruz L, Guillaume-Czitrom S, Herlin T, Hernandez C, Iagnocco A, Jousse-Joulin S, Lanni S, Lilleby V, Malattia C, Magni-Manzoni S, Modesto C, Narrodi A, Nieto JC, Ohrndorf S, Rossi L, Selvaag AM, Swen N, Ting T, Tzaribachev N, Vega-Fernandez P, Vojinovic J, Windschall D, D'Agostino MA, Naredo E; OMERACT Ultrasound Group. Preliminary definitions for the sonographic features of synovitis in children. *Arthritis Care Res (Hoboken)*. *Arthritis Care Res (Hoboken)*. 2017 Aug;69(8):1217-1223. doi: 10.1002/acr.23130.
 - 46) Rieter JF1, de Horatio LT2, Nusman CM1, Müller LS3, Hemke R1, Avenarius DF4, van Rossum MA1,5, Malattia C6, Maas M1, Rosendahl K7,8. The many shades of enhancement: timing of post-gadolinium images strongly influences the scoring of juvenile idiopathic arthritis wrist involvement on MRI. *Pediatr Radiol*. 2016;46(11):1562-7
 - 47) Lanni S1, De Lucia O2, Possemato N3, Malattia C1, Ravagnani V4, Magni-Manzoni S5. Musculoskeletal ultrasound in paediatric rheumatology: the Italian perspective. *Clin Exp Rheumatol*. 2016 Sep-Oct;34(5):957-958.
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EDITORIAL ACTIVITY

-Author of the Book Chapter: “Malattie infiammatorie diffuse del tessuto connettivo” in *Allergologia e Immunologia Pediatrica*, Edited by Pacini Editore.

-Author of the Book Chapter: “Reumatologia” (Chapter 18) in *Pediatria generale e specialistica*, edited by Casa Editrice Ambrosiana.

-Author of the Book Chapter : “Juvenile Idiopathic arthritis” in *The Autoimmune Diseases* edited by Noel R. Rose and Ian R. Mackay,

-Author of the Book Chapter: “Upper Limb: Shoulder and Arm” in *Pediatric Musculoskeletal Ultrasonography*. Editors: El Miedany, Yasser. Springer. ISBN 978-3-030-17823-9.

-Author of the Book Chapter: “Overview of juvenile idiopathic arthritis” in *Pediatric Rheumatology: A Clinical Viewpoint* Editors: Sujata Sawhney, Amita Aggarwal ISBN: 978-981-10-1749-0 (Print) 978-981-10-1750-6 . Publisher: Springer Singapore

-Author of the Module 9 of the European League Against Rheumatism (EULAR) / Pediatric Rheumatology European Society (PRES) on-line course of Paediatric Rheumatology (years 2013, 2015 and 2019). (<http://www.eular-onlinecourse.org>)

-Co-Author of the e-Book *PedMUS* (International initiative for Pediatric musculoskeletal ultrasonography). A complete interactive guide to using musculoskeletal ultrasonography in pediatric rheumatology patients. (<https://www.ped-mus.com>)

-Co-Author of the e-Book *Ped-MUS Joint injection guide* A complete interactive guide to use ultrasound to guide interventional procedure in pediatric rheumatology patients. (<https://www.ped-mus.com>)

Reviewer activity for:

Reviewer for more than 15 international scientific journals

INTERNATIONAL AND NATIONAL MEETINGS/WORKSHOPS/LECTURER ACTIVITY

1. 1° Corso teorico-pratico di elettrocardiografia pediatrica. “Concetti di anatomia e fisiologia del tessuto di conduzione. Derivazioni ed analisi vettoriale” Pavia 22-23 settembre 2005 Dipartimento di Scienze Pediatriche IRCCS Policlinico San Matteo.
2. Convegno: Vivere con la sindrome di Marfan. “Qualcosa di più per il bambino”. Policlinico San Matteo di Pavia, 25 giugno 2005.
3. Fourth TriPR Conference “Biological agents and emerging treatments in the management of rheumatic diseases”(“The value of MRI in JIA”), Genova, 27-30 maggio 2010.
4. Topics in pediatric musculoskeletal radiology. (“Juvenile Idiopathic Arthritis”), Genova, 4 giugno 2011.
5. 18th European Pediatric Rheumatology Congress Bruges (“MRI in Juvenile idiopathic arthritis”), Belgium 14-18 settembre 2011.
6. Visit to a EULAR Center of Excellence in Rheumatology (“Imaging in juvenile idiopathic arthritis and juvenile dermatomyositis”), Genova, 28 maggio 2012.
7. Preceptorship program in pediatric rheumatology (“Juvenile dermatomyositis- New approaches to the assessment of JDM: clinical & imaging assessments”), Genova 28 e 29 giugno 2012.
8. Systemic Juvenile Idiopathic Arthritis Preceptorship (“Imaging in JIA”), Genova, 6

- luglio 2012.
9. 2012 American College of Rheumatology - Pediatric Rheumatology Imaging Study Group "Comparison of MRI and US as diagnostic tools in JIA", Washington November 12th, 2012 (Oral Comunicazione).
 10. XII Congresso Nazionale del Gruppo di Studio di Reumatologia Pediatrica. "Artrite idiopatica giovanile versus Artrite reumatoide. Meglio l'esame clinico o l'imaging?" Siena 15-18 Maggio 2013.
 11. Master di emergenze pediatriche. "Emergenze reumatologiche in età pediatrica". Genova Badia Benedettina 26/09/2013.
 12. Patologie Infiammatorie e Immunomediate in Neuropsichiatria Infantile. (Interessamento del Sistema Nervoso Centrale nelle malattie Reumatiche. CISEF Badia Benedettina della Castagna, Genova 8 novembre 2013.
 13. Systemic Juvenile Idiopathic Arthritis Preceptorship ("Imaging in JIA"), Genova, 10 luglio 2014.
 14. 21st European Pediatric Rheumatology Congress: "MRI in Juvenile idiopathic arthritis", Belgrade 17-21 settembre 2014.
 15. Minicorso di ecografia muscoloscheletrica nel bambino affetto da AIG: Ecografia e RMN nel bambino affetto da AIG: due metodiche a confronto Torino, 22 Ottobre 2014
 16. 5th Musculoskeletal Sonography Course for Rheumatologists. Basic Level Pediatric Course (Sonoanatomy of the hip in children. Normal and principal pathological findings). 5-7 Marzo 2015 Belgrade, Serbia.
 17. Camminiamo insieme. Il pediatra e il raiologo pediatra: protocolli diagnostico terapeutici condivisi. Adro (BS) 8-9 maggio 2015. Artrite idiopatica giovanile versus artrite reumatoide: inquadramento clinico.
 18. Paediatric Rheumatology European Society Young Investigator Meeting. Titolo relazione: EULAR PReS points to consider for the use of imaging in the diagnosis and management of juvenile idiopathic arthritis in clinical practice Roma 8-9 giugno 2015
 19. Annual European Congress of Rheumatology (EULAR) 2015. Titolo prima relazione: Imaging in idiopathic inflammatory myopathies. Titolo seconda relazione: EULAR PReS points to consider for the use of imaging in the diagnosis and management of juvenile idiopathic arthritis in clinical practice. Roma 10-13 giugno 2015
 20. Systemic Juvenile Idiopathic Arthritis Preceptorship "Imaging in JIA", Genova, 3 luglio 2015.
 21. XI Congresso Nazionale della Società Italiana di Medicina di emergenza e Urgenza Pediatrica. Inquadramento del dolore articolare in PS. Squillace (CZ) 15-17 Ottobre 2015.
 22. XIV Congresso Nazionale del Gruppo di Studio di Reumatologia Pediatrica. (Esami radiologici in reumatologia pediatrica: quando e quali informazioni. La RM). Trieste 22-24 Ottobre 2015.
 23. "Imaging in rheumatic diseases: present and future tools" L'uso delle differenti tecniche di imaging nei diversi tessuti o organi: articolazioni in pediatria: Risonanza Magnetica. Milano, 6-7 maggio 2016
 24. Annual European Congress of Rheumatology (EULAR), London, United Kingdom, 8-11 June 2016. "The role of MRI in JIA"
 25. 23rd European Pediatric Rheumatology Congress "Imaging in Pediatric Rheumatology", Genova 28 settembre -1 ottobre 2016.
 26. The Musculoskeletal Ultrasound course -Basic Pediatric. (Sonoanatomy of the elbow in children. Normal and main pathological findings). 13-15th October 2016, Bucharest, Romania.
 27. The Musculoskeletal Ultrasound course -Basic Pediatric. (Sonoanatomy of the hip in children. Normal and main pathological findings). 13-15th October 2016, Bucharest, Romania.

28. Conferenza PANS-PANDAS. Meet the experts. Round Tables, Clinical Cases and discussion. Istituto G Gaslini, Genova 5 Novembre 2016.
29. Pediatric Rheumatology European Society (PReS) Advanced Educational Course- Juvenile Idiopathic Arthritis ("Diagnostic value of MRI in JIA"). Ljubljana, Slovenia, 17th-19th March, 2017.
30. Musculoskeletal Ultrasound Course Basic Pediatric and Intermediate Adults. "Sonoanatomy of the elbow in children. Normal and main pathological findings ". Bucharest, Romania 13- 15 October 2016.
31. Musculoskeletal Ultrasound Course Basic Pediatric and Intermediate Adults. "Sonoanatomy of the hip in children. Normal and main pathological findings ". Bucharest, Romania 13-15 October 2016.
32. XV Congresso Nazionale GdS Reumatologia Pediatrica. Artrite idiopatica giovanile: dalla diagnosi alle complicanze. "Il ruolo della Risonanza Magnetica". Brindisi 11-13 maggio 2017.
33. MD-Paedegree Final Conference. "From anatomy to function: what have we learnt?" Roma 21 Maggio 2017.
34. EULAR-PReS PAEDIATRIC MUSCULOSKELETAL COURSE 12th -14th June 2017 Madrid, Spain "Role of Musculoskeletal Ultrasound in pediatric clinical practice".
35. EULAR-PReS PAEDIATRIC MUSCULOSKELETAL COURSE 12th -14th June 2017 Madrid, Spain "Sonoanatomy and standardised scanning of the child's elbow basic and pathological findings".
36. Inquadramento del dolore osteoarticolare in età pediatrica. dell'Università degli Studi di Foggia/Dipartimento Materno Infantile e dell'Età Evolutiva dell'IRCCS "Casa Sollievo della Sofferenza". 27 giugno 2017.
37. 24th European Pediatric Rheumatology Congress. "Role of imaging in assessment of disease remission" Athens Greece 14-17 Settembre 2017.
38. Ecografia pediatrica e artrite idiopatica giovanile. "Il ruolo dell'ecografia nell'artrite idiopatica giovanile". Chieti, 13-14 ottobre 2017.
39. ADVANCED ULTRASOUND WORKSHOP FOR PEDIATRIC RHEUMATOLOGISTS. "Pediatric Musculoskeletal Ultrasound: Use in juvenile arthritis diagnostics". April 14th 2018 HUS Children's Hospital, Helsinki.
40. ADVANCED ULTRASOUND WORKSHOP FOR PEDIATRIC RHEUMATOLOGISTS. "Ultrasound in JIA standardization and scoring". April 14th 2018 HUS Children's Hospital, Helsinki.
41. PAEDIATRIC MUSCULOSKELETAL ULTRASOUND COURSE "Sonoanatomy and standardised scanning of the child's elbow. Basic pathological findings". 26-28 April 2018 Antalya, TURKEY. This course has been scientifically endorsed by EULAR.
42. XXI Conferință Națională a Societății Române de Ultrasonografie în Medicină și Biologie. " Pediatrics The place of MSUS in ambulatory/day hospital". Brașov, 17 -19 May 2018. CURS EFSUMB ENDORSED
43. XXI Conferință Națională a Societății Române de Ultrasonografie în Medicină și Biologie. "Paediatrics: MSUS and in-hospital patient". Brașov, 17-19 May 2018. CURS EFSUMB ENDORSED
44. XXI Conferință Națională a Societății Române de Ultrasonografie în Medicină și Biologie. Pediatric Ultrasonographic course: A head to toe approach. "Ultrasonography in musculo- skeletal pediatric pathology". CURS EFSUMB ENDORSED. Brașov, 17-19 May
45. EULAR PAEDIATRIC MUSCULOSKELETAL BASIC ULTRASOUND COURSE SEPTEMBER 2018, LISBON, PORTUGAL; SONOANATOMY, STANDARDISED SCANNING AND BASIC PATHOLOGICAL FINDINGS OF THE CHILD'S HIP.

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46. XV Congresso Nazionale ONSP DAYS 2018. La pediatria che non immagini. Corso di Ecografia articolare. Genova Istituti Giannina Gaslini 19-20 Settembre 2018.
47. I-PURE. L'ecografia muscolo scheletrica nel bambino con artrite idiopatica giovanile. Roma 28-29 Settembre 2018. (Ecografia del polso. Ecografia dell'anca. Ecografia della mano: Ripresa di anatomia e live demo. Ecografia della caviglia: Ripresa di anatomia e live demo)
48. XVI Congresso Nazionale del Gruppo di Studio di Reumatologia Pediatrica della Società Italiana di pediatria. Controversie in Reumatologia Pediatrica: Il ruolo della RMN nella Reumatologia Pediatrica. Brescia, 4-6 ottobre 2018.
49. American College of Rheumatology 2018 Chicago 20-24 October . Treat to target in JIA: Ultrasound versus MRI: the great debate.
50. 48 Congresso Nazionale della Società Italiana di Radiologia Medica e Interventistica. Genova 8-11 Novembre 2018. Sessione: Imaging delle Osteomieliti batteriche e non batteriche (CRMO/CNO) nel bambino. Titolo dell'intervento: Clinica delle CRMO/CNO.
51. Corso Teorico Pratico. L'esame obiettivo articolare e l'ecografia articolare in età pediatrica. "Ruolo dell'ecografia nell'AIG". Ospedale SS. Annunziata di Chieti, 14 dicembre 2018.
52. Reumaped 2018. Il dolore muscolo-scheletrico. Casi clinici interattivi. Chieti 14-15 dicembre 2018.
53. Corso teorico pratico di ecografia muscoloscheletrica nel bambino con artrite idiopatica giovanile. I-PURE "La valutazione dei tendini, tendinosi e tenosinovite nel bambino". Roma 5-6 aprile 2019.
54. XI Congresso Nazionale Russo di Radiologia. "Imaging appearance of growth-related changes of the musculoskeletal system and sonographic diagnosis of arthritis in children". San Pietroburgo, 12-13 marzo 2019.
55. 2nd EULAR-PreS PAED MSUS Course – Basic and Intermediate Madrid, Spain. Monday, 10th June-Wednesday, 12th June 2019 "Sonographic pattern and sonoanatomy of musculoskeletal tissues in children". "Musculoskeletal Ultrasound in the child's hip".
56. Paediatric Musculoskeletal Ultrasound course October 3-5, 2019 – Antalya, TURKEY. "Basic pathological MSUS findings in children". Sonoanatomy and standardised scanning of the child's elbow. Basic pathological findings
57. XVII CONGRESSO del Gruppo di Studio di Reumatologia Pediatrica della Società Italiana di Pediatria. Nuovi orizzonti in Reumatologia Pediatrica. Catanzaro, 3-5 ottobre 2019. "E' possibile predire l'outcome dell'Artrite idiopatica giovanile?"
58. The 1st Delhi International Pediatric Musculoskeletal Ultrasound Workshop. "Hip normal and abnormal". "Artefacts in MSK USS". "Wrist basic and disease". "USS incorporation into daily practice with cases". Sir Ganga Ram Hospital Delhi, 12-13 Ottobre 2019.
59. @ Pres Congress 2020 Foot and ankle MRI in JIA: development and preliminary validation of a paediatric-targeted MRI scoring system for the assessment of disease activity and damage. (oral communication)
60. 18th National Conference of Pediatric Rheumatology Society of India Sir Ganga Ram Hospital , 3-4 Ottobre 2020 New Delhi. Digital Event. IMAGING IN JIA: DIAGNOSIS AND MONITORING BASICS OF X RAY, ULTRASOUND AND MRI FOR JIA
61. 18th National Conference of Pediatric Rheumatology Society of India Sir Ganga Ram Hospital Ottobre 2020 New Delhi. Digital Event. Imaging for Juvenile Dermatomyositis.

62. XI CURSO DE ACTUALIZACIÓN EN REUMATOLOGÍA: USO DE RESONANCIA NUCLEAR MAGNÉTICA EN PATOLOGÍA REUMÁTICA EN PEDIATRÍA. Bogotá, Colombia 9-11 October 2020. Digital Event.
63. XI CURSO DE ACTUALIZACIÓN EN REUMATOLOGÍA: Ecografía osteoarticular en pediatría. Bogotá, Colombia 9-11 October 2020. Digital Event.
64. XVIII CONGRESSO NAZIONALE DEL GRUPPO DI STUDIO DI REUMATOLOGIA PEDIATRICA. Ruolo della RMN nella valutazione del paziente con AIG e coinvolgimento della caviglia: sviluppo e validazione di uno score di RMN per la valutazione dell'attività di malattia e del danno articolare. (Comunicazione Orale). Digital Event. 21-23 October 2020.
65. Ped-MUS global educational initiative 2020 (Webinar) 19 Novembre 2020
66. Annual European Congress of Rheumatology 14 – 17 June, 2017 Madrid, Spain. PREDICTIVE VALUE OF MUSCULOSKELETAL ULTRASOUND IN PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS IN CLINICAL REMISSION. Comunicazione orale
67. INFLAMMATION AND NEUROPSYCHIATRIC DISORDERS: MOVING FORWARD Giovedì 07 e Venerdì 08 Ottobre 2021. The rheumatologic point of view. Round Table
68. 1° CORSO AVANZATO SULLE MALATTIE AUTOINFIAMMATORIE E DA IMMUNODISREGOLAZIONE HOTEL Bristol Palace Via XX Settembre 35 , Genova 8/9 Ottobre 2021 5/6 Novembre 2021: Imaging nelle lesioni ossee infiammatorie
69. XIX congresso del Gruppo di Studio di Reumatologia della Società Italiana di Pediatria “La Reumatologia Pediatrica a porte aperte: dalla culla alla transizione”. Palermo 21/10/2021 - 23/10/2021. “Il ruolo dell'imaging nel paziente pediatrico con Multisystem inflammatory syndrome in children”
70. PRES/EULAR PAEDIATRIC MUSCULOSKELETAL ULTRASOUND COURSE BASIC LEVEL. Prague, 23-25 September 2022. Sonoanatomy, Standardised scanning and basic pathological findings of the Child's ankle and foot.
71. PRES/EULAR PAEDIATRIC MUSCULOSKELETAL ULTRASOUND COURSE BASIC LEVEL. Prague, 23-25 September 2022. MSUS incorporation into daily practice with cases.
72. Corso teorico-pratico di ecografia articolare pediatrica (Ospedale Clinicizzato Chieti, Piastra Pediatrica, 7° livello E). Il corso è stato svolto nell'ambito del 1° Congresso della Società Italiana di Reumatologia Pediatrica 20-22 OTTOBRE 2022 Chieti
73. 2° Corso avanzato sulle Malattie Autoinfiammatorie e da Immunodisregolazione. Imaging nelle lesioni ossee infiammatorie. Genova 17-19 Novembre 2022
74. MASTER di ECOGRAFIA MUSCOLOSCELETRICA IN REUMATOLOGIA. Ecografia vs RMN per la valutazione del bambino affetto da AIG (Webinar) 11 Novembre 2022.
75. 59° CONGRESSO NAZIONALE DELLA SOCIETÀ ITALIANA DI REUMATOLOGIA. UN NUOVO QUESTIONARIO MULTIDIMENSIONALE PER MONITORARE LA FIBROMIALGIA GIOVANILE E IDENTIFICARE I FATTORI CHE INFLUENZANO IL DECORSO DELLA MALATTIA. COMUNICAZIONI ORALI: FIBROMIALGIA 23-26 novembre 2022 - RIMINI
76. Education in ERA e JPsA tra presente e futuro. Tecniche di imaging: quale, quando e perché. Roma 30 novembre 2022.
77. The 2nd Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Basic Course 24 -25th February 2023. Hand and Wrist normal and abnormal.
78. The 2nd Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Basic Course 24 -25th February 2023. Elbow normal and abnormal.
79. The 2nd Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Intermediate Course 25 -26th February 2023. Pathology & Doppler in MSK US
80. The 2nd Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Intermediate

- Course 25 -26th February 2023. The subtalar joint and midfoot.
81. The 2nd Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Intermediate Course 25 -26th February 2023. Indications of MSUS and incorporation into daily practice.
 82. The 2nd Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Intermediate Course 25 -26th February 2023. Quantification of findings (scoring) and report.
 83. The German Rheumatology Congress 2023 and the 37th Annual Congress of the German Society for Orthopaedic Rheumatology (DGORh) and the 33rd Annual Congress of the Society for Child and Adolescent Rheumatology (GKJR) from 30th August to 2nd September, 2023 at the Congress Center Leipzig (CCL). IMAGING FOCUSED ON MRI IN JUVENILE SPONDYLOARTHRITIS
 84. PRES PAEDIATRIC MUSCULOSKELETAL ULTRASOUND COURSE INTERMEDIATE LEVEL. Rotterdam 25-27 September 2023. REPORT AND SCORING TO DESCRIBE AND GRADUATE PATHOLOGY
 85. PRES PAEDIATRIC MUSCULOSKELETAL ULTRASOUND COURSE INTERMEDIATE LEVEL. Rotterdam 25-27 September 2023. SONOANATOMY, STANDARDISED SCANNING AND PATHOLOGICAL FINDINGS OF THE CHILD'S ANKLE AND FOOT
 86. 29 th European Paediatric Rheumatology Congress. Rotterdam 28 September -1 October 2023. How I treat Juvenile fibromyalgia
 87. 3° Corso avanzato sulle Malattie Autoinfiammatorie e da Immunodisregolazione" 26-29 Ottobre 2023, Genova. Imaging nelle lesioni ossee infiammatorie.
 88. Corso di ecografia articolare nell'ambito del 2° CONGRESSO NAZIONALE DI REUMATOLOGIA PEDIATRICA FIRENZE 16-18 NOVEMBRE 2023 Meyer Health Campus. - La caviglia: sonoanatomia normale, scansione standardizzata e patologia di base nell'AIG (15/11/2023). L'anca: sonoanatomia normale, scansione standardizzata e patologia di base nell'AIG (16/11/2023)
 89. Preceptorship in Reumatologia UOC Reumatologia e Malattie Autoinfiammatorie IRCCS Istituto G. Gaslini (4-6 Dicembre 2023). Imaging nell'AIG.
 90. Aggiornamento su malattie rare complesse. SESSIONE IV: IPOFOSFATASIA E DOLORE MUSCOLOSCELETRICO: DIAGNOSTICA DIFFERENZIALE. Titolo relazione: Come cambia la sintomatologia dolorosa nella transizione dall'età pediatrica all'età adulta. Genova, Istituto G. Gaslini 23 marzo 2024.
 91. The 3 third Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Sir Ganga Ram Hospital, New Delhi 29th -30th April 2024. Sonography of the hip and pathologies.
 92. The 3 third Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Sir Ganga Ram Hospital, New Delhi 29th -30th April 2024. Knee basic and pathologies.
 93. The 3 third Delhi International Pediatric Musculoskeletal Ultrasound Workshop. Sir Ganga Ram Hospital, New Delhi 29th -30th April 2024. Elbow sonoanatomy and pathologies.
 94. "Dal sintomo alla diagnosi in pediatria": Reumatologia, Gastroenterologia, Disturbi del comportamento alimentare. 9-10 maggio 2024 POFate bene Fratelli. Milano Titolo della relazione: Il dolore muscolo-scheletrico cronico.
 95. LA REUMATOLOGIA PEDIATRICA: esperienze di oggi e prospettive del domani. Il ruolo dell'ecografia articolare nelle artropatie infiammatorie. Vasto 24-25 Maggio 2024.
 96. PReS PAEDIATRIC MUSCULOSKELETAL ULTRASOUND COURSE BASIC LEVEL, Gothenburg, 09-11 September 2024. Standardized MSUS scanning approach in paediatric rheumatology, definition of basic pathological findings
 97. Corso pregressuale di ecografia articolare nell'AIG. III Congresso Nazionale ReumaPed Lecce 16- 17 ottobre 2024. Il gomito: sonoanatomia normale, scansione standardizzata e patologia di base nell'AIG
 98. III Congresso Nazionale ReumaPed Lecce, 17-19 ottobre 2024. La fibromialgia giovanile
 99. Focus su Osteomielite Cronica Non Batterica (CNO) e artrite idiopatica giovanile. Catania 29-30 ottobre 2024. Ruolo della RMN nelle spondiloartriti giovanili.
 100. 4° Corso avanzato sulle Malattie Autoinfiammatorie e da Immunodisregolazione" 7-9 Novembre

2024, Genova. Imaging nelle lesioni ossee infiammatorie.

101. 35th Congress of the European Federation of societies for ultrasound in medicine and biology
EUROSON 2024. Advanced course on pediatric ultrasound. Ultrasound of musculoskeletal system
and soft tissues in pediatric patients. PEDIATRIC US IN RHEUMATOLOGY 9-11 novembre 2024
Napoli, Italy

102. DOLORE E DISABILITÀ IN ETÀ PEDIATRICA. Fibromialgia primitiva giovanile:
inquadramento diagnostico e trattamento farmacologico. Milano 5 dicembre 2024

Genova, 3rd June 2025

Prof. Clara Malattia



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"European regulation on the protection of personal data".**