

## CURRICULUM VITAE OF PROF. ANGELO RAVELLI, MD

### Birth date

9 July 1956

### Degrees and year conferred

1981: Degree in Medicine cum laude

1985: Specialty in Pediatrics

1988: Specialty in Allergology

### Field of clinical and research activity

Pediatric Rheumatology

### Professional Experience

1978-81: Medical assistant, IRCCS Policlinico S. Matteo, Pavia, Italy

1981-85: Pediatric resident, Clinica Pediatrica, University of Pavia, Italy

1985-87: Research fellow, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia, Italy

1988-2001: Assistente Ospedaliero, then Aiuto ospedaliero, then Dirigente Medico I livello, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia, Italy

December 31, 2001-November 30 2006: Dirigente Medico I livello, Pediatria II, IRCCS Istituto G. Gaslini, Genoa, Italy

December 1, 2006-February 28, 2016: Associate Professor of Pediatrics, University of Genoa, Italy

January 1, 2009-June 30 2012: Chief, Interventional Rheumatology Unit, IRCCS Istituto G. Gaslini, Genoa, Italy

July 1, 2012-February 28, 2016: Chief, Center of Clinimetry, then Center of Clinical Rheumatology, IRCCS Istituto G. Gaslini, Genoa, Italy

March 1, 2016-Date: Professor of Pediatrics, University of Genoa, Italy

March 1, 2016-April 30, 2021: Head, Division of Pediatrics and Rheumatology, IRCCS Istituto G. Gaslini, Genoa, Italy

March 1, 2016-April 30, 2021: Director, Pediatric Residency Program, University of Genoa, Italy

March 15, 2021-Date: Scientific Director, IRCCS Istituto G. Gaslini, Genoa, Italy

March 2022-Date: Member, Italian National Ethics Committee for Pediatrics.

October 2024-February 2025: Interim Director, Gaslini Trial Center, IRCCS Istituto G. Gaslini, Genoa, Italy

### Academic activity

- Contract professor, Specialty School in Pharmacology, University of Pavia, Italy
- Contract professor, Specialty School in Pediatrics, University of Pavia, Italy
- Contract professor, I and II Specialty School in Pediatrics, University of Genova, Italy
- Lecturer in Pediatrics, Faculty of Medicine, University of Genova, Italy
- Associate Professor of Pediatrics, Faculty of Medicine, University of Genoa, Italy
- Professor of Pediatrics, Faculty of Medicine, University of Genoa, Italy
- Director, Pediatric Residency Program, University of Genoa, Italy

### Academic appointments in foreign institutions

- December 2018-February 2022: Professor of Pediatrics and Pediatric Rheumatology, Sechenov First Moscow State Medical University, Moscow, Russian Federation

### Examiner activity

- Examiner for medical degrees, pediatric residency admission and final examination, post-graduate membership

### **Study stages in foreign institutions**

- Department of Clinical Immunology, Karolinska Institutet, Stockholm, Sweden
- Division of Rheumatology, Childrens Hospital Los Angeles, California, USA
- Division of Rheumatology, Hospital for Sick Children, Toronto, Canada

### **Appointments in scientific societies**

- 2004-2010: Chairman, Lupus Working Group of the Pediatric Rheumatology European Society (PReS)
- June 2013-June 2018: Member, Executive Committee of the Foundation for Research in Rheumatology (FOREUM)
- September 2016-2020: Treasurer, Pediatric Rheumatology European Society (PReS)
- September 2016-May 2021: Chairman, Italian Pediatric Rheumatology Study Group
- March 2018-June 2022: Chair, EULAR Standing Committee for Pediatric Rheumatology
- March 2020-September 2024: President Elect, then President, Pediatric Rheumatology European Society (PReS)
- February 2022-October 2022: President, Italian Society of Pediatric Rheumatology (ReumaPed)
- March 2023-Date: President, Network of Italian Pediatric Research Hospital (Rete IDEA)
- January 2023-Date: Convenor, EULAR/PReS Online Course in Pediatric Rheumatology

### **Honorary membership of Scientific Societies**

- Honorary Member, Pediatric Rheumatology European Society (PReS)
- Honorary Member, Italian Pediatric Rheumatology Society (ReumaPed)
- Honorary Member, European Alliance of Associations for Rheumatology (EULAR)

### **Current editorial activity**

- Editor-in-Chief, Pediatric Rheumatology
- Editorial Board member, The Journal of Rheumatology
- Editorial Board Member, RMD Open
- Editorial Board member, EULAR Rheumatology Open
- Reviewer for more than 50 international scientific journals

### **International meetings/workshops organization**

- Member of the scientific committee of more than 25 international meetings or workshops

### **International meetings/workshops/lecturer activity**

- Invited speaker in more than 300 national meetings
- Invited speaker in more than 300 international meetings
- Invited expert in more than 25 international workshops
- Invited lecturer in more than 20 international institutions

### **Publications**

- Author or co-author of more than 500 full-length articles in international scientific journals with a total number of citations greater than 28,000 and an H-index of 89 on Scopus.

### **Grants and awards**

- Awarded a 2-year grant of \$50,000 by The Myositis Foundation for conducting the project “A multicenter study of the long term-outcome of juvenile idiopathic inflammatory myopathies”
- Winner of the 2004 Gerolamo Gaslini Prize for Excellence in Research
- Awarded a 3-year grant of 212,500 Euros by the Italian Agency of Drugs for conducting the trial “Comparison of the efficacy of intraarticular corticosteroid therapy administered alone or in combination with methotrexate in children with juvenile idiopathic arthritis: a phase ii, randomized, actively controlled, multicenter trial”.
- Awarded a 1-year grant of 15,000 Euros by the Wyeth company for conducting the study “Evaluation of the achievement of inactive disease, minimal disease activity and parent/patient acceptable symptom state in children with juvenile idiopathic arthritis treated with etanercept”.
- Awarded a 2-year grant of 120,000 Euros by the Pfizer for conducting the study “Evaluation of the Evaluation of the disease course and health status of Italian children with juvenile idiopathic arthritis treated with etanercept”
- Awarded a 2-year grant of 50,000 Euros by the American College of Rheumatology (ACR)/European League Against Rheumatism (EULAR) for conducting the study “Development of new classification criteria for macrophage activation syndrome complicating systemic juvenile idiopathic arthritis”.
- Ministry of Foreign Affairs, Italy. February 2017 – January 2020. Genetic basis of early-onset systemic lupus erythematosus in India and Italy, € 146.000 euro
- Genetic basis of multisystem inflammatory syndrome of children (MIS-C) associated with SARS-CoV-2 infection (Rete IDEA – Grant of Italian Ministry of Health € 210.000

#### **Chairmanship of international collaborative research projects**

- Chairman of the International Consensus Conference which led to the development of the 2016 classification criteria for macrophage activation syndrome in systemic juvenile idiopathic arthritis
- Chairman of the International Task Force that developed the recommendations for the treat-to-target strategy in juvenile idiopathic arthritis (2018)
- Chairman of the International Task Force that developed the recommendations for the treat-to-target strategy in juvenile dermatomyositis (2024).

#### **Selected full-length articles in international scientific journals**

1: Zhao Y, Oliver MS, Schnabel A, Wu EY, Wang Z, Marino A, Aguiar CL, Akikusa JD, Akca UK, Almeida B, Appenzeller S, Balay-Dustrude E, Basaran O, Basiaga ML, Bilginer Y, Cabral DA, Capponi M, Donaldson N, Egeli BH, Fox EJ, Insalaco A, Iyer RS, Jansson AF, Kostik I, Kostik M, Kovalick LK, Kozu KT, Lapidus SK, Lee TC, Lenert A, Mahmood K, Marrani E, Mosad Mosa D, Muse I, Mushkin A, Nowicki KD, Nuruzzaman F, Onel K, Pardeo M, Pham TS, Potts L, Ramanan AV, **Ravelli A**, Rogers ND, Grim AW, Romano M, Rosenwasser N, Sato TS, Simonini G, Soep JB, Stern SM, Strauss T, Kohli AT, Theos AC, Tucker LB, Vogel LF, Yasin S, Wong SC, Bouchalova K, Hendry AM, Cain KC, Girschick HJ, Dedeoglu F, Hedrich CM, Laxer RM, Ferguson PJ, Naden R, Ozen S. EULAR/ACR classification criteria for paediatric chronic nonbacterial osteomyelitis (CNO). *Ann Rheum Dis.* 2025 Jan 30;S0003-4967(25)00077-9. doi: 10.1016/j.ard.2024.11.006. Epub ahead of print. PMID: 39966038.

2: Rypdal V, Brunner HI, Feldman BM, Ruperto N, Aggarwal A, Angeles-Han ST, Backström M, Balay-Dustrude E, Bracaglia C, De Benedetti F, Doležalová P, Garrone M, Guzman J, Horton DB, Laxer RM, Lovell DJ, Løvli T, Magni-Manzoni S, Minoia F, Morgan EM, Munro J, Nordal EB, Normand C, Pan N, Patrone E, **Ravelli A**, Magalhães CS, Sinha R, Swart JF, Tarkiainen M,

Twilt M, Vähäsalo P, Vastert S, Vojinovic J, Weiss PF, Gottlieb B, Consolaro A; Pediatric Rheumatology European Society, the Paediatric Rheumatology International Trials Organisation, the Pediatric Rheumatology Care & Outcome Improvement Network, and the Pediatric Rheumatology Collaborative Study Group. Physician's global assessment of disease activity in juvenile idiopathic arthritis: consensus-based recommendations from an international task force. *Ann Rheum Dis.* 2025 Feb 14;S0003-4967(25)00059-7. doi: 10.1016/j.ard.2025.01.013. Epub ahead of print. PMID: 39955164.

3: Sadun RE, Cooper JC, Belot A, Avcin T, Aggarwal A, Ainsworth J, Akinsete A, Ardoin SP, Beresford MW, Bortey L, Brunner HI, Chang JC, Ciurtin C, Daftary A, Eberhard B, Feldman CH, Hedrich CM, Hersh AO, Hiraki LT, Isenberg DA, Kamphuis S, Knight AM, Lambert L, Levy DM, Marks SD, Maxwell N, Migowa A, Moore K, Ozen S, Ramsey-Goldman R, **Ravelli A**, Reeve BB, Rubinstein TB, Saad-Magalhaes C, Sawhney S, Schanberg LE, von Scheven E, Scott C, Son MB, Tony G, Weitzman ER, Wenderfer SE, Woodside A, Lewandowski LB, Smith EM; CARRA SLE Committee and PReS Lupus Working Party. Development of CARRA/PReS-endorsed consensus Core and Expanded Datasets in childhood-onset systemic lupus erythematosus for international registry-based research. *Ann Rheum Dis.* 2025 Feb;84(2):158-168. doi: 10.1136/ard-2024-226528. Epub 2025 Jan 2. PMID: 39919891.

4: Henter JI, Sieni E, Eriksson J, Bergsten E, Hed Myrberg I, Canna SW, Coniglio ML, Cron RQ, Kernan KF, Kumar AR, Lehmborg K, Minoia F, Naqvi A, **Ravelli A**, Tang YM, Bottai M, Bryceson YT, Horne A, Jordan MB. Diagnostic guidelines for familial hemophagocytic lymphohistiocytosis revisited. *Blood.* 2024 Nov 28;144(22):2308-2318. doi: 10.1182/blood.2024025077. PMID: 39046779; PMCID: PMC11619794.

5: Weiss PF, Brandon TG, Aggarwal A, Burgos-Vargas R, Colbert RA, Horneff G, Laxer RM, Minden K, **Ravelli A**, Ruperto N, Smith JA, Stoll ML, Tse SM, Van den Bosch F, Maksymowych WP, Lambert RG, Biko DM, Chauvin NA, Francavilla ML, Jaremko JL, Herregods N, Kasapcopur O, Yildiz M, Srinivasalu H, Lovell DJ, Nigrovic PA, Foeldvari I, Klein-Gitelman MS, Ozen S, Naden R, Hendry AM, Joos R. Classification Criteria for Axial Disease in Youth With Juvenile Spondyloarthritis. *Arthritis Rheumatol.* 2024 Dec;76(12):1797-1808. doi: 10.1002/art.42959. Epub 2024 Sep 8. PMID: 39039899; PMCID: PMC11606790.

6: Saper VE, Tian L, Verstegen RHJ, Conrad CK, Cidon M, Hopper RK, Kuo CS, Osoegawa K, Baszis K, Bingham CA, Ferguson I, Hahn T, Horne A, Isupova EA, Jones JT, Kasapcopur Ö, Klein-Gitelman MS, Kostik MM, Ozen S, Phadke O, Prahalad S, Randell RL, Sener S, Stingl C, Abdul-Aziz R, Akoghlanian S, Al Julandani D, Alvarez MB, Bader-Meunier B, Balay-Dustrude EE, Balboni I, Baxter SK, Berard RA, Bhattad S, Bolaria R, Boneparth A, Cassidy EA, Co DO, Collins KP, Dancey P, Dickinson AM, Edelheit BS, Espada G, Flanagan ER, Imundo LF, Jindal AK, Kim HA, Klaus G, Lake C, Lapin WB, Lawson EF, Marmor I, Mombourquette J, Ogunjimi B, Olveda R, Ombrello MJ, Onel K, Poholek C, Ramanan AV, **Ravelli A**, Reinhardt A, Robinson AD, Rouster-Stevens K, Saad N, Schneider R, Selmanovic V, Sefic Pasic I, Shenoi S, Shilo NR, Soep JB, Sura A, Taber SF, Teshler M, Tibaldi J, Torok KS, Tsin CM, Vasquez-Canizares N, Villacis Nunez DS, Way EE, Whitehead B, Zemel LS, Sharma S, Fernández-Viña MA, Mellins ED; CARRA Registry Investigators. Interleukin (IL)-1/IL-6-Inhibitor-Associated Drug Reaction With Eosinophilia and Systemic Symptoms (DReSS) in Systemic Inflammatory Illnesses. *J Allergy Clin Immunol Pract.* 2024 Nov;12(11):2996-3013.e7. doi: 10.1016/j.jaip.2024.07.002. Epub 2024 Aug 15. PMID: 39002722; PMCID: PMC11560592.

7: Caorsi R, Consolaro A, Speziani C, Sozeri B, Ulu K, Faugier-Fuentes E, Menchaca-Aguayo H, Ozen S, Sener S, Akhter Rahman S, Imnul Islam M, Haerynck F, Simonini G, Mastri MV, Avcin

T, Sršen S, de Albuquerque Pedrosa Fernandes T, Stanevicha V, Vojinovic J, Sobh A, Fingerhutova S, Minxova L, Gagro A, Rodrigues Fonseca A, Pandya D, Varbanova B, Sánchez-Manubens J, Ganeva M, Montin D, Boyarchuk O, Minghini A, Bracaglia C, Brogan P, Candotti F, Cattalini M, Meyts I, Minoia F, Taddio A, Wouters C, De Benedetti F, Bovis F, **Ravelli A**, Ruperto N, Gattorno M; HyperPED-COVID study group; ERN-RITA (European Reference Network for Rare Immunodeficiency, Autoinflammatory and Autoimmune Diseases); PRoS (Pediatric Rheumatology European Society); ESID (European Society for Immunodeficiencies); ISSAID (International Society of Systemic Auto-Inflammatory Diseases) and the; \*\*Paediatric Rheumatology International Trials Organisation (PRINTO); Bilginer Y, Laila K, Islam MM, Meertens B, Hoste L, Dehoorne J, Schelstraete P, Vandekerckhove K, Willems J, Matthijs I, Filocamo E Gisella Beatrice Beretta G, Magalhaes CS, Chubata O, Ricci F, Vukovic A, Temelkova K, Avramovic MZ, Emersic N, Bizjak M, Vesel T, Rodrigues MF, Gasparello de Almeida R, Lukjanovica K, Elnagdy MH, Soliman A, Terifajova E, Brejchova I, Magner M, Myrup C, Vougiouka O, Jelusic M, La Torre F, Rigante D, Maggio MC, Verdoni L, Rubio-Perez N, Cornejo GV, Villarreal Trevino AV, Brito I, Oliveira-Ramos F, Alexeeva E, Chasnyk V, Arkachaisri T, Boyko Y, Vyzhga Y, Samsonenko S. The HyperPed-COVID international registry: Impact of age of onset, disease presentation and geographical distribution on the final outcome of MIS-C. *J Autoimmun.* 2024 Jul;147:103265. doi: 10.1016/j.jaut.2024.103265. Epub 2024 Jun 4. PMID: 38838452.

8: Rosina S, Rebollo-Giménez AI, Tarantola L, Pistorio A, Vyzhga Y, El Miedany Y, Lotfy HM, Abu-Shady H, Eissa M, Osman NS, Hassan W, Mahgoub MY, Fouad NA, Mosa DM, Adel Y, Mohamed SEM, Radwan AR, Abu-Zaid MH, Tabra SAA, Shalaby RH, Nasef SI, Khubchandani R, Khan A, Maldar NP, Ozen S, Bayindir Y, Alsuweiti M, Alzyoud R, Almaaitah H, Vilaiyuk S, Lerkvaleekul B, Alexeeva E, Dvoryakovskaya T, Kriulin I, Bracaglia C, Pardeo M, De Benedetti F, Licciardi F, Montin D, Robasto F, Minoia F, Filocamo G, Rossano M, Simonini G, Marrani E, Abu-Rumeileh S, Kostik MM, Belozarov KE, Pal P, Bathia JN, Katsicas MM, Villarreal G, Marino A, Costi S, Sztajn bok F, Silva RM, Maggio MC, El-Ghoneimy DH, El Owaify R, Civino A, Diomeda F, Al-Mayouf SM, Al-Sofyani F, Dāvidsone Z, Patrone E, Saad-Magalhães C, Consolaro A, **Ravelli A**. Defining Criteria for Disease Activity States in Systemic Juvenile Idiopathic Arthritis Based on the Systemic Juvenile Arthritis Disease Activity Score. *Arthritis Rheumatol.* 2024 Sep;76(9):1446-1454. doi: 10.1002/art.42865. Epub 2024 Jun 11. PMID: 38682570.

9: Sheno S, Horneff G, Aggarwal A, **Ravelli A**. Treatment of non-systemic juvenile idiopathic arthritis. *Nat Rev Rheumatol.* 2024 Mar;20(3):170-181. doi: 10.1038/s41584-024-01079-8. Epub 2024 Feb 6. PMID: 38321298.

10: Smith EMD, Aggarwal A, Ainsworth J, Al-Abadi E, Avcin T, Bortey L, Burnham J, Ciurtin C, Hedrich CM, Kamphuis S, Lambert L, Levy DM, Lewandowski L, Maxwell N, Morand E, Özen S, Pain CE, **Ravelli A**, Saad Magalhaes C, Pilkington C, Schonenberg-Meinema D, Scott C, Tullus K, Beresford MW; International cSLE T2T Task Force. Defining remission in childhood-onset lupus: PRoS-endorsed consensus definitions by an international task force. *Clin Immunol.* 2024 Jun;263:110214. doi: 10.1016/j.clim.2024.110214. Epub 2024 Apr 9. PMID: 38604255.

11: Young KN, Yeo JG, Kumar P, Wasser M, Chew M, **Ravelli A**, Law AHN, Arkachaisri T, Martini A, Pisetsky DS, Albani S. Artificial intelligence and high-dimensional technologies in the diagnosis of systemic lupus erythematosus. *Lancet Rheumatol.* 2023 Mar;5(3):e151-e165. doi: 10.1016/S2665-9913(23)00010-3. Epub 2023 Feb 20. PMID: 38251610.

12: Shakoory B, Geerlinks A, Wilejto M, Kernan K, Hines M, Romano M, Piskin D, **Ravelli A**, Sinha R, Aletaha D, Allen C, Bassiri H, Behrens EM, Carcillo J, Carl L, Chatham W, Cohen JI, Cron RQ, Drewniak E, Grom AA, Henderson LA, Horne A, Jordan MB, Nichols KE, Schulert G, Vastert S, Demirkaya E, Goldbach-Mansky R, de Benedetti F, Marsh RA, Canna SW; HLH/MAS task force. The 2022 EULAR/ACR points to consider at the early stages of diagnosis and management of suspected haemophagocytic lymphohistiocytosis/macrophage activation syndrome (HLH/MAS). *Ann Rheum Dis*. 2023 Oct;82(10):1271-1285. doi: 10.1136/ard-2023-224123. Epub 2023 Jul 24. PMID: 37487610; PMCID: PMC11017727.

13: Shakoory B, Geerlinks A, Wilejto M, Kernan K, Hines M, Romano M, Piskin D, **Ravelli A**, Sinha R, Aletaha D, Allen C, Bassiri H, Behrens EM, Carcillo J, Carl L, Chatham W, Cohen JI, Cron RQ, Drewniak E, Grom AA, Henderson LA, Horne A, Jordan MB, Nichols KE, Schulert G, Vastert S, Demirkaya E, Goldbach-Mansky R, de Benedetti F, Marsh RA, Canna SW. The 2022 EULAR/ACR Points to Consider at the Early Stages of Diagnosis and Management of Suspected Haemophagocytic Lymphohistiocytosis/Macrophage Activation Syndrome (HLH/MAS). *Arthritis Rheumatol*. 2023 Oct;75(10):1714-1732. doi: 10.1002/art.42636. Epub 2023 Jul 24. PMID: 37486733; PMCID: PMC11040593.

14: Smith EMD, Aggarwal A, Ainsworth J, Al-Abadi E, Avcin T, Bortey L, Burnham J, Ciurtin C, Hedrich CM, Kamphuis S, Levy DM, Lewandowski LB, Maxwell N, Morand EF, Ozen S, Pain CE, **Ravelli A**, Saad Magalhaes C, Pilkington CA, Schonenberg-Meinema D, Scott C, Tullus K, Beresford MW; cSLE T2T International Task Force. Towards development of treat to target (T2T) in childhood-onset systemic lupus erythematosus: PREs-endorsed overarching principles and points-to-consider from an international task force. *Ann Rheum Dis*. 2023 Jun;82(6):788-798. doi: 10.1136/ard-2022-223328. Epub 2023 Jan 10. PMID: 36627168; PMCID: PMC10314055.

15: Aletaha D, Kerschbaumer A, Kastrati K, Dejaco C, Dougados M, McInnes IB, Sattar N, Stamm TA, Takeuchi T, Trauner M, van der Heijde D, Voshaar M, Winthrop KL, **Ravelli A**, Betteridge N, Burmester GR, Bijlsma JW, Bykerk V, Caporali R, Choy EH, Codreanu C, Combe B, Crow MK, de Wit M, Emery P, Fleischmann RM, Gabay C, Hetland ML, Hyrich KL, Iagnocco A, Isaacs JD, Kremer JM, Mariette X, Merkel PA, Mysler EF, Nash P, Nurmohamed MT, Pavelka K, Poor G, Rubbert-Roth A, Schulze-Koops H, Strangfeld A, Tanaka Y, Smolen JS. Consensus statement on blocking interleukin-6 receptor and interleukin-6 in inflammatory conditions: an update. *Ann Rheum Dis*. 2023 Jun;82(6):773-787. doi: 10.1136/ard-2022-222784. Epub 2022 Aug 11. PMID: 35953263.

16: Jansen MHA, Rondaan C, Legger GE, Minden K, Uziel Y, Toplak N, Maritsi D, van den Berg L, Berbers GAM, Bruijning P, Egert Y, Normand C, Bijl M, Foster HE, Koné-Paut I, Wouters C, **Ravelli A**, Elkayam O, Wulffraat NM, Heijstek MW. EULAR/PRES recommendations for vaccination of paediatric patients with autoimmune inflammatory rheumatic diseases: update 2021. *Ann Rheum Dis*. 2023 Jan;82(1):35-47. doi: 10.1136/annrheumdis-2022-222574. Epub 2022 Jun 20. PMID: 35725297.

17: Naddei R, **Ravelli A**. 2021 ACR guideline for JIA reflects changes in practice. *Nat Rev Rheumatol*. 2022 Jul;18(7):369-370. doi: 10.1038/s41584-022-00787-3. PMID: 35513598.

18: Trincianti C, Van Dijkhuizen EHP, Alongi A, Mazzoni M, Swart JF, Nikishina I, Lahdenne P, Rutkowska-Sak L, Avcin T, Quartier P, Panaviene V, Uziel Y, Pruunsild C, Vargova V, Vilaiyuk S, Dolezalova P, Ringold S, Garrone M, Ruperto N, **Ravelli A**, Consolaro A; Paediatric

Rheumatology International Trials Organisation. Definition and Validation of the American College of Rheumatology 2021 Juvenile Arthritis Disease Activity Score Cutoffs for Disease Activity States in Juvenile Idiopathic Arthritis. *Arthritis Rheumatol.* 2021 Nov;73(11):1966-1975. doi: 10.1002/art.41879. Epub 2021 Sep 28. PMID: 34582120; PMCID: PMC8597164.

19: Civino A, Alighieri G, Prete E, Caroleo AM, Magni-Manzoni S, Vinti L, Romano M, Santoro N, Filocamo G, Belotti T, Santarelli F, Gorio C, Ricci F, Colombini A, Pastore S, Cesaro S, Barone P, Verzegnassi F, Olivieri AN, Ficara M, Miniaci A, Russo G, Gallizzi R, Pericoli R, Breda L, Mura R, Podda RA, Onofrillo D, Lattanzi B, Tirtei E, Maggio MC, De Santis R, Consolini R, Arlotta A, La Torre F, Mainardi C, Pelagatti MA, Coassin E, Capolsini I, Burnelli R, Tornesello A, Soscia F, De Fanti A, Rigante D, Pizzato C, De Fusco C, Abate ME, Roncadori A, Rossi E, Stabile G, Biondi A, Lepore L, Conter V, Rondelli R, Pession A, **Ravelli A**; Italian Association of Paediatric Haematology and Oncology; Italian Paediatric Rheumatology Study Group. Musculoskeletal manifestations of childhood cancer and differential diagnosis with juvenile idiopathic arthritis (ONCOREUM): a multicentre, cross-sectional study. *Lancet Rheumatol.* 2021 Jul;3(7):e507-e516. doi: 10.1016/S2665-9913(21)00086-2. Epub 2021 May 11. PMID: 38279403.

20: Santaniello S, **Ravelli A**. The controversial role of wellbeing assessment in juvenile idiopathic arthritis. *Lancet Rheumatol.* 2021 Feb;3(2):e85-e86. doi: 10.1016/S2665-9913(20)30383-0. Epub 2020 Dec 4. PMID: 38279373.

21: **Ravelli A**, Martini A. Kawasaki disease or Kawasaki syndrome? *Ann Rheum Dis.* 2020 Aug;79(8):993-995. doi: 10.1136/annrheumdis-2020-218110. Epub 2020 Jun 22. PMID: 32571869; PMCID: PMC7335693.

22: Henderson LA, Canna SW, Schulert GS, Volpi S, Lee PY, Kernan KF, Caricchio R, Mahmud S, Hazen MM, Halyabar O, Hoyt KJ, Han J, Grom AA, Gattorno M, **Ravelli A**, De Benedetti F, Behrens EM, Cron RQ, Nigrovic PA. On the Alert for Cytokine Storm: Immunopathology in COVID-19. *Arthritis Rheumatol.* 2020 Jul;72(7):1059-1063. doi: 10.1002/art.41285. Epub 2020 May 10. PMID: 32293098; PMCID: PMC7262347.

23: Minoia F, Bovis F, Davì S, Horne A, Fischbach M, Frosch M, Huber A, Jelusic M, Sawhney S, McCurdy DK, Silva CA, Rigante D, Unsal E, Ruperto N, Martini A, Cron RQ, **Ravelli A**; Pediatric Rheumatology International Trials Organization, the Childhood Arthritis & Rheumatology Research Alliance, the Pediatric Rheumatology Collaborative Study Group and the Histiocyte Society. Development and initial validation of the MS score for diagnosis of macrophage activation syndrome in systemic juvenile idiopathic arthritis. *Ann Rheum Dis.* 2019 Oct;78(10):1357-1362. doi: 10.1136/annrheumdis-2019-215211. Epub 2019 Jul 11. PMID: 31296501.

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Prof. Angelo Ravelli

Genoa, Italy May 30th 2025

A handwritten signature in purple ink, appearing to read 'A. Ravelli', is written over a faint, light-colored rectangular stamp or watermark.