

## CURRICULUM VITAE DI ANGELO RAVELLI

Angelo Ravelli

### Curriculum di studi:

1981: Laurea in Medicina e Chirurgia con 110/110 e lode

1985: Specializzazione in Pediatria

1988: Specializzazione in Allergologia

### Esperienze professionali:

1981-1985: Medico specializzando, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia

1985-87: Borsista di ricerca, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia

1988-92: Assistente ospedaliero, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia

1992-2001: Aiuto ospedaliero e quindi Dirigente medico I livello, Clinica Pediatrica, IRCCS Policlinico S. Matteo, Pavia

31 Dicembre 2001-30 Novembre 2006: Dirigente medico I livello, IRCCS G. Gaslini, Genova con incarico professionale finalizzato allo svolgimento dell'attività "Metodi di valutazione clinica e reumatologica".

1 Dicembre 2006-29 febbraio 2016. Professore Associato di Pediatria presso l'Università degli Studi di Genova.

1 Gennaio 2009-30 giugno 2012. Responsabile della struttura semplice "Reumatologia interventistica" presso l'IRCCS Istituto G. Gaslini, Genova.

1 luglio-2012-29 febbraio 2016. Responsabile Unità Operativa Semplice Dipartimentale "Centro di Reumatologia" presso l' IRCCS Istituto G. Gaslini, Genova.

1 marzo 2016-oggi: Professore Ordinario di Pediatria presso l'Università degli Studi di Genova.

1 marzo 2016-oggi: Direttore U.O.C. Clinica Pediatrica e Reumatologia presso l' IRCCS Istituto G. Gaslini, Genova.

1 marzo 2016-oggi: Coordinatore della Scuola di Specializzazione in Pediatria dell'Università degli Studi di Genova.

### Soggiorni di studio presso istituzioni estere:

- 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

### Incarichi in società scientifiche

2004-2010: Chairman of the Lupus Working Group of the Pediatric Rheumatology European Society (PReS)

Giugno 2013-Giugno 2018: Member of the Executive Committee of the Foundation for Research in Rheumatology (FOREUM)

Settembre 2016-oggi: Treasurer of the Pediatric Rheumatology European Society (PRES)

Settembre 2016-oggi: Segretario del Gruppo di Studio di Reumatologia della Società Italiana di Pediatria

Marzo 2018-oggi: Chair Elect, EULAR Standing Committee for Pediatric Rheumatology

### Attività organizzativa

- Membro del comitato scientifico di 13 congressi nazionali o internazionali

- Chairman della International Consensus Conference on MAS Classification Criteria (Genova, 21-22 marzo 2014)
- Chairman della International Consensus Conference on the Recommendations for the Treat-to-Target Strategy in Juvenile Idiopathic Arthritis (Munich, Germany, 24-25 agosto 2017)

### **Attività editoriali**

- Associate Editor, Pediatric Rheumatology Online Journal
- Assistant Editor, Clinical and Experimental Rheumatology
- Editorial Board member, The Journal of Rheumatology
- Editorial Board Member, RMD Open
- Former editorial member, Arthritis Care & Research
- Reviewer for more than 50 international scientific journals

### **Premi di studio e di ricerca:**

- Febbraio 2005. Vincitore del “2004 Gerolamo Gaslini Prize for Excellence in Research” (Euro 10.000), Genova.
- Luglio 2011. Terzo classificato alle Giornate Gasliniane “La Qualità” 2011 con il progetto “Un nuovo approccio alla gestione clinica dei bambini con artrite idiopatica giovanile” (Euro 5.000), Genova.

### **Progetti di ricerca finanziati da istituzioni esterne:**

- A multicenter study of the long term-outcome of juvenile idiopathic inflammatory myopathies (finanziamento biennale di 50.000 USD). The Myositis Foundation, USA (2005).
- 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. Agenzia Italiana del Farmaco (Finanziamento triennale di 212.000 Euro). AIFA (2008).
- 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 (Finanziamento annuale di 15.000 Euro). Wyeth (2008).
- “Evaluation of the Evaluation of the disease course and health status of Italian children with juvenile idiopathic arthritis treated with etanercept” (Finanziamento biennale di 120.000 Euro). Pfizer (21012)
- Grant dell’American College of Rheumatology (ACR)/European League Against Rheumatism (EULAR) per svolgere lo studio “Development of new classification criteria for macrophage activation syndrome complicating systemic juvenile idiopathic arthritis” (Finanziamento biennale di 50.000 Euro).

### **Pubblicazioni e attività congressuali:**

- Autore o co-autore di oltre 300 pubblicazioni internazionali *in extenso* (su Google Scholar: 21812 citazioni, H-index 74)
- Invited speaker in più di 200 congressi nazionali, più di 200 congressi internazionali
- Invited expert in più di 20 workshops internazionali

### **Principali pubblicazioni *in extenso* su riviste scientifiche internazionali negli ultimi 5 anni (2014-2019)**

Giancane G, Lavarello C, Pistorio A, Oliveira SK, Zulian F, Cuttica R,

Fischbach M, Magnusson B, Pastore S, Marini R, Martino S, Pagnier A, Soler C, Staņēvicha V, Ten Cate R, Uziel Y, Vojinovic J, Fueri E, Ravelli A, Martini A, Ruperto N; Paediatric Rheumatology International Trials Organisation (PRINTO). The PRINTO evidence-based proposal for glucocorticoids tapering/discontinuation in new onset juvenile dermatomyositis patients. *Pediatr Rheumatol Online J*. 2019 May 22;17(1):24. doi: 10.1186/s12969-019-0326-5. PubMed PMID: 31118099.

Bruschi M, Bonanni A, Petretto A, Vaglio A, Pratesi F, Santucci L, Migliorini P, Bertelli R, Galetti M, Belletti S, Cavagna L, Moroni G, Franceschini F, Fredi M, Pazzola G, Allegri L, Sinico RA, Pesce G, Bagnasco M, Manfredi A, Ramirez GA, Ramoino P, Bianchini P, Puppo F, Pupo F, Negrini S, Mattana F, Emmi G, Garibotto G, Santoro D, Scolari F, Ravelli A, Tincani A, Cravedi P, Volpi S, Candiano G, Ghiggeri GM. Neutrophil Extracellular Traps (NETs) profiles in patients with incident SLE and lupus nephritis. *J Rheumatol*. 2019 May 15. pii: jrheum.181232. doi: 10.3899/jrheum.181232. [Epub ahead of print] PubMed PMID: 31092713.

Ozen S, Marks SD, Brogan P, Groot N, de Graeff N, Avcin T, Bader-Meunier B, Dolezalova P, Feldman BM, Kone-Paut I, Lahdenne P, McCann L, Pilkington C, Ravelli A, van Royen A, Uziel Y, Vastert B, Wulffraat N, Kamphuis S, Beresford MW. European consensus-based recommendations for diagnosis and treatment of immunoglobulin A vasculitis-the SHARE initiative. *Rheumatology (Oxford)*. 2019 Mar 16. pii: kez041. doi: 10.1093/rheumatology/kez041. [Epub ahead of print] PubMed PMID: 30879080.

Consolaro A, Giancane G, Alongi A, van Dijkhuizen EHP, Aggarwal A, Al-Mayouf SM, Bovis F, De Inocencio J, Demirkaya E, Flato B, Foell D, Garay SM, Lazăr C, Lovell DJ, Montobbio C, Miettunen P, Mihaylova D, Nielsen S, Orban I, Rumba-Rozenfelde I, Magalhães CS, Shafaie N, Susic G, Trachana M, Wulffraat N, Pistorio A, Martini A, Ruperto N, Ravelli A; Paediatric Rheumatology International Trials Organisation. Phenotypic variability and disparities in treatment and outcomes of childhood arthritis throughout the world: an observational cohort study. *Lancet Child Adolesc Health*. 2019 Apr;3(4):255-263. doi: 10.1016/S2352-4642(19)30027-6. Epub 2019 Feb 26. PubMed PMID: 30819662.

Morgan EM, Munro JE, Horonjeff J, Horgan B, Shea B, Feldman BM, Clairman H, Bingham CO 3rd, Thornhill S, Strand V, Alongi A, Magni-Manzoni S, van Rossum MAJ, Vesely R, Vojinovic J, Brunner HI, Harris JG, Horton DB, Lovell DJ, Mannion M, Rahimi H, Ravelli A, Ringold S, Ruperto N, Schrandt MS, Sheno S, Shiff NJ, Toupin-April K, Tzaribachev N, Weiss P, Consolaro A. Establishing an Updated Core Domain Set for Studies in Juvenile Idiopathic Arthritis: A Report from the OMERACT 2018 JIA Workshop. *J Rheumatol*. 2019 Feb 15. pii: jrheum.181088. doi: 10.3899/jrheum.181088. [Epub ahead of print] PubMed PMID: 30770499.

Rosina S, Consolaro A, van Dijkhuizen P, Pistorio A, Varnier GC, Bovis F, Nistala K, Maillard S, Civino A, Tsitsami E, de Inocencio J, Jelusic M, Vojinovic J, Espada G, Makay B, Katsicas MM, Pratsidou-Gertsis P, Lazarevic D, Rao AP, Pires Marafon D, Martini A, Pilkington C, Ruperto N, Ravelli A. Development and validation of a composite disease activity score for measurement of muscle and

skin involvement in juvenile dermatomyositis. *Rheumatology (Oxford)*. 2019 Jan 23. doi: 10.1093/rheumatology/key421. [Epub ahead of print] PubMed PMID: 30690571.

Brunner HI, Holland MJ, Beresford MW, Ardoin SP, Appenzeller S, Silva CA, Flores F, Goilav B, Avar Aydin PO, Wenderfer SE, Levy DM, Ravelli A, Khubchandani R, Avcin T, Klein-Gitelman MS, Ruperto N, Feldman BM, Ying J; Paediatric Rheumatology International Trial Organisation and Pediatric Rheumatology Collaborative Study Group. American College of Rheumatology Provisional Criteria for Clinically Relevant Improvement in Children and Adolescents With Childhood-Onset Systemic Lupus Erythematosus. *Arthritis Care Res (Hoboken)*. 2019 May;71(5):579-590. doi: 10.1002/acr.23834. PubMed PMID: 30680946; PubMed Central PMCID: PMC6483875.

Dolezalova P, Anton J, Avcin T, Beresford MW, Brogan PA, Constantin T, Egert Y, Foeldvari I, Foster HE, Hentgen V, Kone-Paut I, Kuemmerle-Deschner JB, Lahdenne P, Magnusson B, Martini A, McCann L, Minden K, Ozen S, Schoemaker C, Quartier P, Ravelli A, Rumba-Rozenfelde I, Ruperto N, Vastert S, Wouters C, Zulian F, Wulffraat NM; SHARE Consortium and the Paediatric Rheumatology International Trials Organisation (PRINTO) . The European network for care of children with paediatric rheumatic diseases: care across borders. *Rheumatology (Oxford)*. 2019 Jan 21. doi: 10.1093/rheumatology/key439. [Epub ahead of print] PubMed PMID: 30668879.

Saccomanno B, Tibaldi J, Minoia F, Bagnasco F, Pistorio A, Guariento A, Caorsi R, Consolaro A, Gattorno M, Ravelli A. Predictors of Effectiveness of Anakinra in Systemic Juvenile Idiopathic Arthritis. *J Rheumatol*. 2019 Apr;46(4):416-421. doi: 10.3899/jrheum.180331. Epub 2019 Jan 15. PubMed PMID: 30647180.

Moneta GM, Pires Marafon D, Marasco E, Rosina S, Verardo M, Fiorillo C, Minetti C, Bracci-Laudiero L, Ravelli A, De Benedetti F, Nicolai R. Muscle Expression of Type I and Type II Interferons Is Increased in Juvenile Dermatomyositis and Related to Clinical and Histologic Features. *Arthritis Rheumatol*. 2018 Dec 15. doi: 10.1002/art.40800. [Epub ahead of print] PubMed PMID: 30552836.

de Graeff N, Groot N, Brogan P, Ozen S, Avcin T, Bader-Meunier B, Dolezalova P, Feldman BM, Kone-Paut I, Lahdenne P, Marks SD, McCann L, Pilkington C, Ravelli A, van Royen A, Uziel Y, Vastert B, Wulffraat N, Kamphuis S, Beresford MW. European consensus-based recommendations for the diagnosis and treatment of rare paediatric vasculitides - the SHARE initiative. *Rheumatology (Oxford)*. 2019 Apr 1;58(4):656-671. doi: 10.1093/rheumatology/key322. PubMed PMID: 30535249.

de Graeff N, Groot N, Ozen S, Eleftheriou D, Avcin T, Bader-Meunier B, Dolezalova P, Feldman BM, Kone-Paut I, Lahdenne P, McCann L, Pilkington C, Ravelli A, van Royen-Kerkhof A, Uziel Y, Vastert B, Wulffraat N, Kamphuis S, Brogan P, Beresford MW. European consensus-based recommendations for the diagnosis and treatment of Kawasaki disease - the SHARE initiative. *Rheumatology (Oxford)*. 2019 Apr 1;58(4):672-682. doi: 10.1093/rheumatology/key344. PubMed

PMID: 30535127.

Martini A, Ravelli A, Avcin T, Beresford MW, Burgos-Vargas R, Cuttica R, Ilowite NT, Khubchandani R, Laxer RM, Lovell DJ, Petty RE, Wallace CA, Wulffraat NM, Pistorio A, Ruperto N; Pediatric Rheumatology International Trials Organization (PRINTO). Toward New Classification Criteria for Juvenile Idiopathic Arthritis: First Steps, Pediatric Rheumatology International Trials Organization International Consensus. *J Rheumatol*. 2019 Feb;46(2):190-197. doi: 10.3899/jrheum.180168. Epub 2018 Oct 1. PubMed PMID: 30275259.

Ter Haar NM, van Delft ALJ, Annink KV, van Stel H, Al-Mayouf SM, Amaryan G, Anton J, Barron KS, Benseler S, Brogan PA, Cantarini L, Cattalini M, Cochino AV, de Benedetti F, Dedeoglu F, de Jesus AA, Demirkaya E, Dolezalova P, Durrant KL, Fabio G, Gallizzi R, Goldbach-Mansky R, Hachulla E, Hentgen V, Herlin T, Hofer M, Hoffman HM, Insalaco A, Jansson AF, Kallinich T, Kone-Paut I, Kozlova A, Kuemmerle-Deschner JB, Lachmann HJ, Laxer RM, Martini A, Nielsen S, Nikishina I, Ombrello AK, Özen S, Papadopoulou-Alataki E, Quartier P, Rigante D, Russo R, Simon A, Trachana M, Uziel Y, Ravelli A, Schulert G, Gattorno M, Frenkel J. In silico validation of the Autoinflammatory Disease Damage Index. *Ann Rheum Dis*. 2018 Nov;77(11):1599-1605. doi: 10.1136/annrheumdis-2018-213725. Epub 2018 Aug 4. PubMed PMID: 30077992.

Ferrara G, Mastrangelo G, Barone P, La Torre F, Martino S, Pappagallo G, Ravelli A, Taddio A, Zulian F, Cimaz R; Rheumatology Italian Study Group. Methotrexate in juvenile idiopathic arthritis: advice and recommendations from the MARAJIA expert consensus meeting. *Pediatr Rheumatol Online J*. 2018 Jul 11;16(1):46. doi: 10.1186/s12969-018-0255-8. Review. PubMed PMID: 29996864; PubMed Central PMCID: PMC6042421.

Giancane G, Alongi A, Rosina S, Tibaldi J, Consolaro A, Ravelli A. Recent therapeutic advances in juvenile idiopathic arthritis. *Best Pract Res Clin Rheumatol*. 2017 Aug;31(4):476-487. doi: 10.1016/j.berh.2018.01.001. Epub 2018 Feb 26. Review. PubMed PMID: 29773268.

Brunner HI, Holland M, Beresford MW, Ardoin SP, Appenzeller S, Silva CA, Flores F, Goilav B, Wenderfer SE, Levy DM, Ravelli A, Khunchandani R, Avcin T, Klein-Gitelman MS, Feldman BM, Ruperto N, Ying J; PRCSSG and PRINTO Investigators. American College of Rheumatology Provisional Criteria for Global Flares in Childhood-Onset Systemic Lupus Erythematosus. *Arthritis Care Res (Hoboken)*. 2018 Jun;70(6):813-822. doi: 10.1002/acr.23557. Epub 2018 Apr 25. PubMed PMID: 29693328; PubMed Central PMCID: PMC5980747.

Conti F, Pontikaki I, D'Andrea M, Ravelli A, De Benedetti F. Patients with juvenile idiopathic arthritis become adults: the role of transitional care. *Clin Exp Rheumatol*. 2018 Apr 13. [Epub ahead of print] Review. PubMed PMID: 29652654.

Ravelli A, Consolaro A, Horneff G, Laxer RM, Lovell DJ, Wulffraat NM, Akikusa JD, Al-Mayouf SM, Antón J, Avcin T, Berard RA, Beresford MW, Burgos-Vargas R,

Cimaz R, De Benedetti F, Demirkaya E, Foell D, Itoh Y, Lahdenne P, Morgan EM, Quartier P, Ruperto N, Russo R, Saad-Magalhães C, Sawhney S, Scott C, Shenoi S, Swart JF, Uziel Y, Vastert SJ, Smolen JS. Treating juvenile idiopathic arthritis to target: recommendations of an international task force. *Ann Rheum Dis*. 2018 Jun;77(6):819-828. doi: 10.1136/annrheumdis-2018-213030. Epub 2018 Apr 11. PubMed PMID: 29643108.

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. doi: 10.1007/s11926-018-0734-4. Review. PubMed PMID: 29637406.

Consolaro A, Bovis F, Pistorio A, Cimaz R, De Benedetti F, Miniaci A, Corona F, Gerloni V, Martino S, Pastore S, Barone P, Pieropan S, Cortis E, Podda RA, Gallizzi R, Civino A, Torre F, Rigante D, Consolini R, Maggio MC, Magni-Manzoni S, Perfetti F, Filocamo G, Toppino C, Licciardi F, Garrone M, Scala S, Patrone E, Tonelli M, Tani D, Ravelli A, Martini A, Ruperto N; Paediatric Rheumatology International Trials Organisation (PRINTO). The Italian version of the Juvenile Arthritis Multidimensional Assessment Report (JAMAR). *Rheumatol Int*. 2018 Apr;38(Suppl 1):251-258. doi: 10.1007/s00296-018-3960-1. Epub 2018 Apr 7. Erratum in: *Rheumatol Int*. 2018 May 21;:. PubMed PMID: 29637324; PubMed Central PMCID: PMC5893696.

Bovis F, Consolaro A, Pistorio A, Garrone M, Scala S, Patrone E, Rinaldi M, Villa L, Martini A, Ravelli A, Ruperto N; Paediatric Rheumatology International Trials Organisation (PRINTO). Cross-cultural adaptation and psychometric evaluation of the Juvenile Arthritis Multidimensional Assessment Report (JAMAR) in 54 languages across 52 countries: review of the general methodology. *Rheumatol Int*. 2018 Apr;38(Suppl 1):5-17. doi: 10.1007/s00296-018-3944-1. Epub 2018 Apr 7. PubMed PMID: 29637323; PubMed Central PMCID: PMC5893687.

Sherman G, Nemet D, Moshe V, Consolaro A, Ravelli A, Ruperto N, Uziel Y; Paediatric Rheumatology International Trials Organisation (PRINTO). Disease activity, overweight, physical activity and screen time in a cohort of patients with juvenile idiopathic arthritis. *Clin Exp Rheumatol*. 2018 Mar 21. [Epub ahead of print] PubMed PMID: 29600947.

Constantin T, Foeldvari I, Anton J, de Boer J, Czitrom-Guillaume S, Edelsten C, Gepstein R, Heiligenhaus A, Pilkington CA, Simonini G, Uziel Y, Vastert SJ, Wulffraat NM, Haasnoot AM, Walscheid K, Pálincás A, Pattani R, Györgyi Z, Kozma R, Boom V, Ponyi A, Ravelli A, Ramanan AV. Consensus-based recommendations for the management of uveitis associated with juvenile idiopathic arthritis: the SHARE initiative. *Ann Rheum Dis*. 2018 Mar 28. pii: annrheumdis-2018-213131. doi: 10.1136/annrheumdis-2018-213131. [Epub ahead of print] PubMed PMID: 29592918.

Holland MJ, Beresford MW, Feldman BM, Huggins J, Norambuena X, Silva CA, Susic G, Sztajn bok F, Uziel Y, Appenzeller S, Ardoin SP, Avcin T, Flores F, Goilav B, Khubchandani R, Klein-Gitelman M, Levy D, Ravelli A, Wenderfer SE, Ying

J, Ruperto N, Brunner HI; PRINTO PRCSG Investigators. Measuring Disease Damage and its Severity in Childhood-Onset Systemic Lupus Erythematosus. *Arthritis Care Res (Hoboken)*. 2018 Feb 6. doi: 10.1002/acr.23531. [Epub ahead of print] PubMed PMID: 29409150.

Minoia F, Consolaro A, Ravelli A. Filling the Gap: Toward a Disease Activity Tool for Systemic Juvenile Idiopathic Arthritis. *J Rheumatol*. 2018 Jan;45(1):3-5. doi: 10.3899/jrheum.170703. PubMed PMID: 29292315.

Varnier GC, Rosina S, Ferrari C, Pistorio A, Consolaro A, Bovis F, Dalprà S, Pilkington C, Maillard S, Civino A, Tsitsami E, de Inocencio J, Jelusic M, Vojinovic J, Espada G, Makay B, Katsicas MM, Pratsidou-Gertsi P, Lazarevic D, Rao AP, Pires Marafon D, Ruperto N, Martini A, Ravelli A. Development and testing of a hybrid measure of muscle strength in juvenile dermatomyositis for use in routine care. *Arthritis Care Res (Hoboken)*. 2017 Dec 15. doi: 10.1002/acr.23491. [Epub ahead of print] PubMed PMID: 29245175.

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*. 2017 Nov 28. [Epub ahead of print] PubMed PMID: 29185965.

McCann LJ, Pilkington CA, Huber AM, Ravelli A, Appelbe D, Kirkham JJ, Williamson PR, Aggarwal A, Christopher-Stine L, Constantin T, Feldman BM, Lundberg I, Maillard S, Mathiesen P, Murphy R, Pachman LM, Reed AM, Rider LG, van Royen-Kerkof A, Russo R, Spinty S, Wedderburn LR, Beresford MW. Development of a consensus core dataset in juvenile dermatomyositis for clinical use to inform research. *Ann Rheum Dis*. 2017 Oct 30. pii: annrheumdis-2017-212141. doi: 10.1136/annrheumdis-2017-212141. [Epub ahead of print] PubMed PMID: 29084729.

Volpi S, Tsui J, Mariani M, Pastorino C, Caorsi R, Sacco O, Ravelli A, Shum AK, Gattorno M, Picco P. Type I interferon pathway activation in COPA syndrome. *Clin Immunol*. 2017 Oct 10. pii: S1521-6616(17)30688-5. doi: 10.1016/j.clim.2017.10.001. [Epub ahead of print] PubMed PMID: 29030294.

Kuemmerle-Deschner JB, Hansmann S, Wulffraat NM, Vastert SJ, Hens K, Anton J, Avcin T, Martini A, Koné-Paut I, Uziel Y, Ravelli A, Wouters C, Shaw D, Özen S, Eikelberg A, Prakken BJ, Ruperto N, Horneff G, Constantin T, Beresford MW, Sikken M, Foster HE, Haug I, Schuller S, Jägle C, Benseler SM. Recommendations for collaborative paediatric research including biobanking in Europe: a Single Hub and Access point for paediatric Rheumatology in Europe (SHARE) initiative. *Ann Rheum Dis*. 2017 Oct 11. pii: annrheumdis-2017-211904. doi: 10.1136/annrheumdis-2017-211904. [Epub ahead of print] PubMed PMID: 29021237.

Giancane G, Alongi A, Rosina S, Calandra S, Consolaro A, Ravelli A. Open issues in the assessment and management of pain in juvenile idiopathic arthritis. *Clin Exp Rheumatol*. 2017 Sep-Oct;35 Suppl 107(5):123-126. Epub 2017 Sep 28. Review. PubMed PMID: 28967364.

Groot N, de Graeff N, Marks SD, Brogan P, Avcin T, Bader-Meunier B, Dolezalova P, Feldman BM, Kone-Paut I, Lahdenne P, McCann L, Özen S, Pilkington CA, Ravelli A, Royen-Kerkhof AV, Uziel Y, Vastert BJ, Wulffraat NM, Beresford MW, Kamphuis S. European evidence-based recommendations for the diagnosis and treatment of childhood-onset lupus nephritis: the SHARE initiative. *Ann Rheum Dis*. 2017 Dec;76(12):1965-1973. doi: 10.1136/annrheumdis-2017-211898. Epub 2017 Sep 6. PubMed PMID: 28877866.

Morgan EM, Riebschleger MP, Horonjeff J, Consolaro A, Munro JE, Thornhill S, Beukelman T, Brunner HI, Creek EL, Harris JG, Horton DB, Lovell DJ, Mannion ML, Olson JC, Rahimi H, Gallo MC, Calandra S, Ravelli A, Ringold S, Shenoi S, Stinson J, Toupin-April K, Strand V, Bingham CO 3rd. Evidence for Updating the Core Domain Set of Outcome Measures for Juvenile Idiopathic Arthritis: Report from a Special Interest Group at OMERACT 2016. *J Rheumatol*. 2017 Dec;44(12):1884-1888. doi: 10.3899/jrheum.161389. Epub 2017 Aug 15. PubMed PMID: 28811355.

Minoia F, Bovis F, Davì S, Insalaco A, Lehmsberg K, Shenoi S, Weitzman S, Espada G, Gao YJ, Anton J, Kitoh T, Kasapcopur O, Sanner H, Merino R, Astigarraga I, Alessio M, Jeng M, Chasnyk V, Nichols KE, Huasong Z, Li C, Micalizzi C, Ruperto N, Martini A, Cron RQ, Ravelli A, Horne A; Pediatric Rheumatology International Trials Organization, the Childhood Arthritis and Rheumatology Research Alliance, the Pediatric Rheumatology Collaborative Study Group, and the Histiocyte Society. Development and Initial Validation of the Macrophage Activation Syndrome/Primary Hemophagocytic Lymphohistiocytosis Score, a Diagnostic Tool that Differentiates Primary Hemophagocytic Lymphohistiocytosis from Macrophage Activation Syndrome. *J Pediatr*. 2017 Oct;189:72-78.e3. doi: 10.1016/j.jpeds.2017.06.005. Epub 2017 Aug 12. PubMed PMID: 28807357.

Giancane G, Ravelli A. Paediatric rheumatic disease: What is the best definition of clinical remission in JIA? *Nat Rev Rheumatol*. 2017 Jul 20. doi: 10.1038/nrrheum.2017.119. [Epub ahead of print] PubMed PMID: 28725036.

Groot N, de Graeff N, Avcin T, Bader-Meunier B, Brogan P, Dolezalova P, Feldman B, Kone-Paut I, Lahdenne P, Marks SD, McCann L, Ozen S, Pilkington C, Ravelli A, Royen-Kerkhof AV, Uziel Y, Vastert B, Wulffraat N, Kamphuis S, Beresford MW. European evidence-based recommendations for diagnosis and treatment of childhood-onset systemic lupus erythematosus: the SHARE initiative. *Ann Rheum Dis*. 2017 Nov;76(11):1788-1796. doi: 10.1136/annrheumdis-2016-210960. Epub 2017 Jun 19. PubMed PMID: 28630236.

Giancane G, Alongi A, Ravelli A. Update on the pathogenesis and treatment of juvenile idiopathic arthritis. *Curr Opin Rheumatol*. 2017 Sep;29(5):523-529. doi: 10.1097/BOR.0000000000000417. PubMed PMID: 28538013.

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, Ventrici 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. doi: 10.1136/annrheumdis-2016-210802. Epub 2017 May 18. PubMed PMID: 28522451.

Schulert GS, Minoia F, Bohnsack J, Cron RQ, Hashad S, Kone-Paut I, Kostik M, Lovell D, Maritsi D, Nigrovic PA, Pal P, Ravelli A, Shimizu M, Stanevicha V, Vastert S, Woerner A, de Benedetti F, Grom AA. Biologic therapy modifies clinical and laboratory features of macrophage activation syndrome associated with systemic juvenile idiopathic arthritis. *Arthritis Care Res (Hoboken)*. 2017 May 12. doi: 10.1002/acr.23277. [Epub ahead of print] PubMed PMID: 28499329.

Groot N, de Graeff N, Avcin T, Bader-Meunier B, Dolezalova P, Feldman B, Kenet G, Koné-Paut I, Lahdenne P, Marks SD, McCann L, Pilkington CA, Ravelli A, van Royen-Kerkhof A, Uziel Y, Vastert SJ, Wulffraat NM, Ozen S, Brogan P, Kamphuis S, Beresford MW. European evidence-based recommendations for diagnosis and treatment of paediatric antiphospholipid syndrome: the SHARE initiative. *Ann Rheum Dis*. 2017 Oct;76(10):1637-1641. doi: 10.1136/annrheumdis-2016-211001. Epub 2017 May 4. Review. PubMed PMID: 28473426.

Rider LG, Aggarwal R, Pistorio A, Bayat N, Erman B, Feldman BM, Huber AM, Cimaz R, Cuttica RJ, de Oliveira SK, Lindsley CB, Pilkington CA, Punaro M, Ravelli A, Reed AM, Rouster-Stevens K, van Royen-Kerkhof A, Dressler F, Saad Magalhaes C, Constantin T, Davidson JE, Magnusson B, Russo R, Villa L, Rinaldi M, Rockette H, Lachenbruch PA, Miller FW, Vencovsky J, Ruperto N; International Myositis Assessment and Clinical Studies Group and the Paediatric Rheumatology International Trials Organisation. 2016 American College of Rheumatology/European League Against Rheumatism Criteria for Minimal, Moderate, and Major Clinical Response in Juvenile Dermatomyositis: An International Myositis Assessment and Clinical Studies Group/Paediatric Rheumatology International Trials Organisation Collaborative Initiative. *Ann Rheum Dis*. 2017 May;76(5):782-791. doi: 10.1136/annrheumdis-2017-211401. PubMed PMID: 28385804; PubMed Central PMCID: PMC5517365.

Rider LG, Aggarwal R, Pistorio A, Bayat N, Erman B, Feldman BM, Huber AM, Cimaz R, Cuttica RJ, de Oliveira SK, Lindsley CB, Pilkington CA, Punaro M, Ravelli A, Reed AM, Rouster-Stevens K, van Royen-Kerkhof A, Dressler F, Magalhaes CS, Constantin T, Davidson JE, Magnusson B, Russo R, Villa L, Rinaldi M, Rockette H, Lachenbruch PA, Miller FW, Vencovsky J, Ruperto N; International Myositis Assessment and Clinical Studies Group and the Paediatric Rheumatology International Trials Organisation. 2016 American College of Rheumatology/European League Against Rheumatism Criteria for Minimal, Moderate, and Major Clinical Response in Juvenile Dermatomyositis: An International Myositis Assessment and Clinical Studies Group/Paediatric Rheumatology International Trials Organisation Collaborative Initiative. *Arthritis Rheumatol*. 2017 May;69(5):911-923. doi: 10.1002/art.40060. Epub 2017 Apr 6. PubMed PMID: 28382778; PubMed Central PMCID: PMC5577002.

Papa R, Consolaro A, Minoia F, Caorsi R, Magnano G, Gattorno M, Ravelli A, Picco P. Critical role of STIR MRI in early detection of post-streptococcal periostitis with dysproteinaemia (Goldbloom's syndrome). *Clin Exp Rheumatol*. 2017 May-Jun;35(3):516-517. Epub 2017 Mar 23. Review. PubMed PMID: 28339360.

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. doi: 10.1016/S0140-6736(17)30065-X. Epub 2017 Feb 3. PubMed PMID: 28162781.

Giancane G, Minoia F, Davì S, Bracciolini G, Consolaro A, Ravelli A. IL-1 Inhibition in Systemic Juvenile Idiopathic Arthritis. *Front Pharmacol*. 2016 Dec 6;7:467. doi: 10.3389/fphar.2016.00467. eCollection 2016. Review. PubMed PMID: 27999545; PubMed Central PMCID: PMC5138234.

Verazza S, Davì S, Consolaro A, Bovis F, Insalaco A, Magni-Manzoni S, Nicolai R, Marafon DP, De Benedetti F, Gerloni V, Pontikaki I, Rovelli F, Cimaz R, Marino A, Zulian F, Martini G, Pastore S, Sandrin C, Corona F, Torcoletti M, Conti G, Fede C, Barone P, Cattalini M, Cortis E, Breda L, Olivieri AN, Civino A, Podda R, Rigante D, La Torre F, D'Angelo G, Jorini M, Gallizzi R, Maggio MC, Consolini R, De Fanti A, Muratore V, Alpigiani MG, Ruperto N, Martini A, Ravelli A; Italian Pediatric Rheumatology Study Group. Disease status, reasons for discontinuation and adverse events in 1038 Italian children with juvenile idiopathic arthritis treated with etanercept. *Pediatr Rheumatol Online J*. 2016 Dec 20;14(1):68. PubMed PMID: 27993144; PubMed Central PMCID: PMC5170898.

van Riel P, Alten R, Combe B, Abdulganieva D, Bousquet P, Courtenay M, Curiale C, Gómez-Centeno A, Haugeberg G, Leeb B, Puolakka K, Ravelli A, Rintelen B, Sarzi-Puttini P. Improving inflammatory arthritis management through tighter monitoring of patients and the use of innovative electronic tools. *RMD Open*. 2016 Nov 24;2(2):e000302. eCollection 2016. Review. PubMed PMID: 27933206; PubMed Central PMCID: PMC5133416.

Ter Haar NM, Annink KV, Al-Mayouf SM, Amaryan G, Anton J, Barron KS, Benseler SM, Brogan PA, Cantarini L, Cattalini M, Cochino AV, De Benedetti F, Dedeoglu F, De Jesus AA, Della Casa Alberighi O, Demirkaya E, Dolezalova P, Durrant KL, Fabio G, Gallizzi R, Goldbach-Mansky R, Hachulla E, Hentgen V, Herlin T, Hofer M, Hoffman HM, Insalaco A, Jansson AF, Kallinich T, Koné-Paut I, Kozlova A, Kuemmerle-Deschner JB, Lachmann HJ, Laxer RM, Martini A, Nielsen S, Nikishina I, Ombrello AK, Ozen S, Papadopoulou-Alataki E, Quartier P, Rigante D, Russo R, Simon A, Trachana M, Uziel Y, Ravelli A, Gattorno M, Frenkel J. Development of the autoinflammatory disease damage index (ADDI). *Ann Rheum Dis*. 2017

May;76(5):821-830. doi: 10.1136/annrheumdis-2016-210092. Epub 2016 Nov 3. PubMed PMID: 27811147.

Konukbay D, Gattorno M, Yildiz D, Frenkel J, Acikel C, Sozeri B, Makay B, Aktay Ayaz N, Barut K, Kisaarslan A, Bilginer Y, Karaman D, Peru H, Simsek D, Aydog O, Unsal E, Gunduz Z, Fidanci BE, Kone-Paut I, Kasapcopur O, Ravelli A, Ozen S, Demirkaya E; and the FMF Arthritis Vasculitis and Orphan disease Research in Paediatric Rheumatology. A novel assessment tool for clinical care of patients with autoinflammatory disease: juvenile autoinflammatory disease multidimensional assessment report. *Clin Exp Rheumatol*. 2016 Sep-Oct;34(6 Suppl 102):129-135. Epub 2016 Oct 25. PubMed PMID: 27791950.

Pincus T, Braun J, Kavanaugh A, Ravelli A, Smolen JS. Information technology in rheumatology. *Clin Exp Rheumatol*. 2016 Sep-Oct;34(5 Suppl 101):1. Epub 2016 Oct 18. PubMed PMID: 27762207.

Consolaro A, Morgan EM, Giancane G, Rosina S, Lanni S, Ravelli A. Information technology in paediatric rheumatology. *Clin Exp Rheumatol*. 2016 Sep-Oct;34(5 Suppl 101):S11-S16. Epub 2016 Oct 18. Review. PubMed PMID: 27762188.

Giancane G, Consolaro A, Lanni S, Davi S, Schiappapietra B, Ravelli A. Juvenile Idiopathic Arthritis: Diagnosis and Treatment. *Rheumatol Ther*. 2016 Dec;3(2):187-207. Epub 2016 Aug 12. Review. PubMed PMID: 27747582; PubMed Central PMCID: PMC5127964.

Frid P, Nordal E, Bovis F, Giancane G, Larheim TA, Rygg M, Pires Marafon D, De Angelis D, Palmisani E, Murray KJ, Oliveira S, Simonini G, Corona F, Davidson J, Foster H, Steenks MH, Flato B, Zulian F, Baildam E, Saurenmann RK, Lahdenne P, Ravelli A, Martini A, Pistorio A, Ruperto N; Paediatric Rheumatology International Trials Organisation. Temporomandibular Joint Involvement in Association With Quality of Life, Disability, and High Disease Activity in Juvenile Idiopathic Arthritis. *Arthritis Care Res (Hoboken)*. 2017 May;69(5):677-686. doi: 10.1002/acr.23003. PubMed PMID: 27564918.

Enders FB, Bader-Meunier B, Baildam E, Constantin T, Dolezalova P, Feldman BM, Lahdenne P, Magnusson B, Nistala K, Ozen S, Pilkington C, Ravelli A, Russo R, Uziel Y, van Brussel M, van der Net J, Vastert S, Wedderburn LR, Wulffraat N, McCann LJ, van Royen-Kerkhof A. Consensus-based recommendations for the management of juvenile dermatomyositis. *Ann Rheum Dis*. 2017 Feb;76(2):329-340. doi: 10.1136/annrheumdis-2016-209247. Epub 2016 Aug 11. Review. PubMed PMID: 27515057; PubMed Central PMCID: PMC5284351.

Kostik MM, Gaidar EV, Hynnes AY, Dubko MF, Masalova VV, Snegireva LS, Chikova IA, Isupova EA, Nikitina TN, Serogodskaya ED, Kalashnikova OV, Ravelli A, Chasnyk VG. Methotrexate treatment may prevent uveitis onset in patients with juvenile idiopathic arthritis: experiences and subgroup analysis in a cohort with frequent methotrexate use. *Clin Exp Rheumatol*. 2016 Jul-Aug;34(4):714-8. Epub 2016 Jun 22. PubMed PMID: 27385618.

Bracaglia C, de Graaf K, Pires Marafon D, Guilhot F, Ferlin W, Prencipe G, Caiello I, Davi S, Schulert G, Ravelli A, Grom AA, de Min C, De Benedetti F. Elevated circulating levels of interferon- $\gamma$  and interferon- $\gamma$ -induced chemokines characterise patients with macrophage activation syndrome complicating systemic juvenile idiopathic arthritis. *Ann Rheum Dis*. 2017 Jan;76(1):166-172. doi: 10.1136/annrheumdis-2015-209020. Epub 2016 Jun 13. PubMed PMID: 27296321.

Consolaro A, Giancane G, Schiappapietra B, Davi S, Calandra S, Lanni S, Ravelli A. Clinical outcome measures in juvenile idiopathic arthritis. *Pediatr Rheumatol Online J*. 2016 Apr 18;14(1):23. doi: 10.1186/s12969-016-0085-5. Review. PubMed PMID: 27089922; PubMed Central PMCID: PMC4836071.

Consolaro A, Ravelli A. Unraveling the Phenotypic Variability of Juvenile Idiopathic Arthritis across Races or Geographic Areas--Key to Understanding Etiology and Genetic Factors? *J Rheumatol*. 2016 Apr;43(4):683-5. doi: 10.3899/jrheum.160173. PubMed PMID: 27037240.

Ravelli A, Minoia F, Davi S, Horne A, Bovis F, Pistorio A, Aricò M, Avcin T, Behrens EM, De Benedetti F, Filipovic L, Grom AA, Henter JI, Ilowite NT, Jordan MB, Khubchandani R, Kitoh T, Lehmsberg K, Lovell DJ, Miettunen P, Nichols KE, Ozen S, Pachlopnik Schmid J, Ramanan AV, Russo R, Schneider R, Sterba G, Uziel Y, Wallace C, Wouters C, Wulffraat N, Demirkaya E, Brunner HI, Martini A, Ruperto N, Cron RQ; Paediatric Rheumatology International Trials Organisation; Childhood Arthritis and Rheumatology Research Alliance; Pediatric Rheumatology Collaborative Study Group; Histiocyte Society. 2016 Classification Criteria for Macrophage Activation Syndrome Complicating Systemic Juvenile Idiopathic Arthritis: A European League Against Rheumatism/American College of Rheumatology/Paediatric Rheumatology International Trials Organisation Collaborative Initiative. *Ann Rheum Dis*. 2016 Mar;75(3):481-9. doi: 10.1136/annrheumdis-2015-208982. PubMed PMID: 26865703.

Ravelli A, Minoia F, Davi S, Horne A, Bovis F, Pistorio A, Aricò M, Avcin T, Behrens EM, De Benedetti F, Filipovic A, Grom AA, Henter JI, Ilowite NT, Jordan MB, Khubchandani R, Kitoh T, Lehmsberg K, Lovell DJ, Miettunen P, Nichols KE, Ozen S, Pachlopnik Schmid J, Ramanan AV, Russo R, Schneider R, Sterba G, Uziel Y, Wallace C, Wouters C, Wulffraat N, Demirkaya E, Brunner HI, Martini A, Ruperto N, Cron RQ. Expert consensus on dynamics of laboratory tests for diagnosis of macrophage activation syndrome complicating systemic juvenile idiopathic arthritis. *RMD Open*. 2016 Jan 19;2(1):e000161. doi: 10.1136/rmdopen-2015-000161. eCollection 2016. PubMed PMID: 26848401; PubMed Central PMCID: PMC4731834.

Lanni S, Bovis F, Ravelli A, Viola S, Magnaguagno F, Pistorio A, Michele Magnano G, Martini A, Malattia C. Delineating the Application of Ultrasound in Detecting Synovial Abnormalities of the Subtalar Joint in Juvenile Idiopathic Arthritis. *Arthritis Care Res (Hoboken)*. 2016 Sep;68(9):1346-53. doi: 10.1002/acr.22846. PubMed PMID: 26815641.

Demirkaya E, Consolaro A, Sonmez HE, Giancane G, Simsek D, Ravelli A. Current Research in Outcome Measures for Pediatric Rheumatic and Autoinflammatory Diseases. *Curr Rheumatol Rep*. 2016 Feb;18(2):8. doi: 10.1007/s11926-015-0558-4. Review. PubMed PMID: 26769307.

Filocamo G, Petaccia A, Torcoletti M, Sieni E, Ravelli A, Corona F. Recurrent macrophage activation syndrome in spondyloarthritis and monoallelic missense mutations in PRF1: a description of one paediatric case. *Clin Exp Rheumatol*. 2016 Jul-Aug;34(4):719. Epub 2016 Jan 8. PubMed PMID: 26752080.

Demirkaya E, Lanni S, Bovis F, Galasso R, Ravelli A, Palmisani E, Consolaro A, Pederzoli S, Marafon D, Simianer S, Martini A, Ruperto N, Pistorio A; Paediatric Rheumatology International Trials Organisation. A Meta-Analysis to Estimate the Placebo Effect in Randomized Controlled Trials in Juvenile Idiopathic Arthritis. *Arthritis Rheumatol*. 2016 Jun;68(6):1540-50. doi: 10.1002/art.39583. Review. PubMed PMID: 26749157.

Consolaro A, Ravelli A. Defining criteria for disease activity states in juvenile idiopathic arthritis. *Rheumatology (Oxford)*. 2016 Apr;55(4):595-6. doi: 10.1093/rheumatology/kev414. Epub 2015 Dec 10. PubMed PMID: 26660347.

Ruperto N, Pistorio A, Oliveira S, Zulian F, Cuttica R, Ravelli A, Fischbach M, Magnusson B, Sterba G, Avcin T, Brochard K, Corona F, Dressler F, Gerloni V, Apaz MT, Bracaglia C, Cespedes-Cruz A, Cimaz R, Couillault G, Joos R, Quartier P, Russo R, Tardieu M, Wulffraat N, Bica B, Dolezalova P, Ferriani V, Flato B, Bernard-Medina AG, Herlin T, Trachana M, Meini A, Allain-Launay E, Pilkington C, Vargova V, Wouters C, Angioloni S, Martini A; Paediatric Rheumatology International Trials Organisation (PRINTO). Prednisone versus prednisone plus ciclosporin versus prednisone plus methotrexate in new-onset juvenile dermatomyositis: a randomised trial. *Lancet*. 2016 Feb 13;387(10019):671-8. doi: 10.1016/S0140-6736(15)01021-1. Epub 2015 Nov 30. PubMed PMID: 26645190.

Boom V, Anton J, Lahdenne P, Quartier P, Ravelli A, Wulffraat NM, Vastert SJ. Evidence-based diagnosis and treatment of macrophage activation syndrome in systemic juvenile idiopathic arthritis. *Pediatr Rheumatol Online J*. 2015 Dec 3;13:55. doi: 10.1186/s12969-015-0055-3. Review. PubMed PMID: 26634252; PubMed Central PMCID: PMC4669611.

Ravelli A, Consolaro A, Schiappapietra B, Martini A. The conundrum of juvenile psoriatic arthritis. *Clin Exp Rheumatol*. 2015 Sep-Oct;33(5 Suppl 93):S40-3. Epub 2015 Oct 15. Review. PubMed PMID: 26470604.

Ravelli A, Davi S, Minoia F, Martini A, Cron RQ. Macrophage Activation Syndrome. *Hematol Oncol Clin North Am*. 2015 Oct;29(5):927-41. doi: 10.1016/j.hoc.2015.06.010. Epub 2015 Aug 25. Review. PubMed PMID: 26461152.

Ravelli A, Minoia F, Davi S, Horne A, Bovis F, Pistorio A, Aricò M, Avcin T, Behrens EM, De Benedetti F, Filipovic L, Grom AA, Henter JL, Ilowite NT, Jordan

MB, Khubchandani R, Kitoh T, Lehmborg K, Lovell DJ, Miettunen P, Nichols KE, Ozen S, Pachlopnik Schmid J, Ramanan AV, Russo R, Schneider R, Sterba G, Uziel Y, Wallace C, Wouters C, Wulffraat N, Demirkaya E, Brunner HI, Martini A, Ruperto N, Cron RQ; Paediatric Rheumatology International Trials Organisation; Childhood Arthritis and Rheumatology Research Alliance; Pediatric Rheumatology Collaborative Study Group; Histiocyte Society. 2016 Classification Criteria for Macrophage Activation Syndrome Complicating Systemic Juvenile Idiopathic Arthritis: A European League Against Rheumatism/American College of Rheumatology/Paediatric Rheumatology International Trials Organisation Collaborative Initiative. *Arthritis Rheumatol.* 2016 Mar;68(3):566-76. doi: 10.1002/art.39332. Epub 2016 Feb 9. PubMed PMID: 26314788.

Cron RQ, Davi S, Minoia F, Ravelli A. Clinical features and correct diagnosis of macrophage activation syndrome. *Expert Rev Clin Immunol.* 2015;11(9):1043-53. doi: 10.1586/1744666X.2015.1058159. Epub 2015 Jun 16. Review. PubMed PMID: 26082353.

McCann LJ, Kirkham JJ, Wedderburn LR, Pilkington C, Huber AM, Ravelli A, Appelbe D, Williamson PR, Beresford MW. Development of an internationally agreed minimal dataset for juvenile dermatomyositis (JDM) for clinical and research use. *Trials.* 2015 Jun 12;16:268. doi: 10.1186/s13063-015-0784-0. PubMed PMID: 26063230; PubMed Central PMCID: PMC4472260.

Bonanni A, Vaglio A, Bruschi M, Sinico RA, Cavagna L, Moroni G, Franceschini F, Allegri L, Pratesi F, Migliorini P, Candiano G, Pesce G, Ravelli A, Puppo F, Martini A, Tincani A, Ghiggeri GM. Multi-antibody composition in lupus nephritis: isotype and antigen specificity make the difference. *Autoimmun Rev.* 2015 Aug;14(8):692-702. doi: 10.1016/j.autrev.2015.04.004. Epub 2015 Apr 14. Review. PubMed PMID: 25888464.

Minoia F, Davi S, Horne A, Bovis F, Demirkaya E, Akikusa J, Ayaz NA, Al-Mayouf SM, Barone P, Bica B, Bolt I, Breda L, De Cunto C, Enciso S, Gallizzi R, Griffin T, Hennon T, Horneff G, Jeng M, Kapovic AM, Lipton JM, Magni Manzoni S, Rumba-Rozenfelde I, Magalhaes CS, Sewairi WM, Stine KC, Vougiouka O, Weaver LK, Davidsons Z, De Inocencio J, Ioseliani M, Lattanzi B, Tezer H, Buoncompagni A, Picco P, Ruperto N, Martini A, Cron RQ, Ravelli A; Pediatric Rheumatology International Trials Organization; Childhood Arthritis and Rheumatology Research Alliance; Pediatric Rheumatology Collaborative Study Group; Histiocyte Society. Dissecting the heterogeneity of macrophage activation syndrome complicating systemic juvenile idiopathic arthritis. *J Rheumatol.* 2015 Jun;42(6):994-1001. doi: 10.3899/jrheum.141261. Epub 2015 Apr 15. PubMed PMID: 25877504.

Castrejon I, Carmona L, Agrinier N, Andres M, Briot K, Caron M, Christensen R, Consolaro A, Curbelo R, Ferrer M, Foltz V, Gonzalez C, Guillemin F, Machado PM, Prodinger B, Ravelli A, Scholte-Voshaar M, Uhlig T, van Tuyl LH, Zink A, Gossec L. The EULAR Outcome Measures Library: development and an example from a systematic review for systemic lupus erythematosus instruments. *Clin Exp Rheumatol.* 2015 Nov-Dec;33(6):910-6. Epub 2015 Mar 23. Review. PubMed PMID:

25797345.

Moorthy LN, Roy E, Kurra V, Peterson MG, Hassett AL, Lehman TJ, Scott C, El-Ghoneimy D, Saad S, El Feky R, Al-Mayouf S, Dolezalova P, Malcova H, Herlin T, Nielsen S, Wulffraat N, van Royen A, Marks SD, Belot A, Brunner J, Huemer C, Foeldvari I, Horneff G, Saurenman T, Schroeder S, Pratsidou-Gertsi P, Trachana M, Uziel Y, Aggarwal A, Constantin T, Cimaz R, Giani T, Cantarini L, Falcini F, Manzoni SM, Ravelli A, Rigante D, Zulian F, Miyamae T, Yokota S, Sato J, Magalhaes CS, Len CA, Appenzeller S, Knupp SO, Rodrigues MC, Sztajn bok F, de Almeida RG, de Jesus AA, de Arruda Campos LM, Silva C, Lazar C, Susic G, Avcin T, Cuttica R, Burgos-Vargas R, Faugier E, Anton J, Modesto C, Vazquez L, Barillas L, Barinstein L, Sterba G, Maldonado I, Ozen S, Kasapcopur O, Demirkaya E, Benseler S. Health related quality of life measure in systemic pediatric rheumatic diseases and its translation to different languages: an international collaboration. *Pediatr Rheumatol Online J*. 2014 Nov 25;12:49. doi: 10.1186/1546-0096-12-49. eCollection 2014. PubMed PMID: 25705138; PubMed Central PMCID: PMC4334772.

Consolaro A, Varnier GC, Martini A, Ravelli A. Advances in biomarkers for paediatric rheumatic diseases. *Nat Rev Rheumatol*. 2015 May;11(5):265-75. doi: 10.1038/nrrheum.2014.208. Epub 2014 Dec 16. Review. PubMed PMID: 25512012.

Consolaro A, Schiappapietra B, Dalprà S, Calandra S, Martini A, Ravelli A. Optimisation of disease assessments in juvenile idiopathic arthritis. *Clin Exp Rheumatol*. 2014 Sep-Oct;32(5 Suppl 85):S-126-30. Epub 2014 Oct 30. Review. PubMed PMID: 25365101.

Covone AE, Solari N, Malattia C, Pop V, Martini A, Ravelli A, Ravazzolo R. Periostin gene variants are associated with disease course and severity in juvenile idiopathic arthritis. *Clin Exp Rheumatol*. 2014 Sep-Oct;32(5):747-53. Epub 2014 Sep 19. PubMed PMID: 25236364.

Schiappapietra B, Varnier G, Rosina S, Consolaro A, Martini A, Ravelli A. Glucocorticoids in juvenile idiopathic arthritis. *Neuroimmunomodulation*. 2015;22(1-2):112-8. doi: 10.1159/000362732. Epub 2014 Sep 12. Review. PubMed PMID: 25227183.

Minoia F, Davì S, Horne A, Demirkaya E, Bovis F, Li C, Lehmberg K, Weitzman S, Insalaco A, Wouters C, Shenoi S, Espada G, Ozen S, Anton J, Khubchandani R, Russo R, Pal P, Kasapcopur O, Miettunen P, Maritsi D, Merino R, Shakoory B, Alessio M, Chasnyk V, Sanner H, Gao YJ, Huasong Z, Kitoh T, Avcin T, Fischbach M, Frosch M, Grom A, Huber A, Jelusic M, Sawhney S, Uziel Y, Ruperto N, Martini A, Cron RQ, Ravelli A; Pediatric Rheumatology International Trials Organization; Childhood Arthritis and Rheumatology Research Alliance; Pediatric Rheumatology Collaborative Study Group; Histiocyte Society. Clinical features, treatment, and outcome of macrophage activation syndrome complicating systemic juvenile idiopathic arthritis: a multinational, multicenter study of 362 patients. *Arthritis Rheumatol*. 2014 Nov;66(11):3160-9. doi: 10.1002/art.38802. PubMed PMID: 25077692.

McCann LJ, Arnold K, Pilkington CA, Huber AM, Ravelli A, Beard L, Beresford MW, Wedderburn LR. Developing a provisional, international minimal dataset for Juvenile Dermatomyositis: for use in clinical practice to inform research. *Pediatr Rheumatol Online J*. 2014 Jul 21;12:31. doi: 10.1186/1546-0096-12-31. eCollection 2014. PubMed PMID: 25075205; PubMed Central PMCID: PMC4113599.

Davì S, Minoia F, Pistorio A, Horne A, Consolaro A, Rosina S, Bovis F, Cimaz R, Gamir ML, Ilowite NT, Kone-Paut I, Feitosa de Oliveira SK, McCurdy D, Silva CA, Sztajn bok F, Tsitsami E, Unsal E, Weiss JE, Wulfraat N, Abinun M, Aggarwal A, Apaz MT, Astigarraga I, Corona F, Cuttica R, D'Angelo G, Eisenstein EM, Hashad S, Lepore L, Mulaosmanovic V, Nielsen S, Prahalad S, Rigante D, Stanevicha V, Sterba G, Susic G, Takei S, Trauzeddel R, Zletni M, Ruperto N, Martini A, Cron RQ, Ravelli A; Paediatric Rheumatology International Trials Organisation, the Childhood Arthritis and Rheumatology Research Alliance, the Pediatric Rheumatology Collaborative Study Group, and the Histiocyte Society. Performance of current guidelines for diagnosis of macrophage activation syndrome complicating systemic juvenile idiopathic arthritis. *Arthritis Rheumatol*. 2014 Oct;66(10):2871-80. doi: 10.1002/art.38769. PubMed PMID: 25044674.

Consolaro A, Negro G, Chiara Gallo M, Bracciolini G, Ferrari C, Schiappapietra B, Pistorio A, Bovis F, Ruperto N, Martini A, Ravelli A. Defining criteria for disease activity states in nonsystemic juvenile idiopathic arthritis based on a three-variable juvenile arthritis disease activity score. *Arthritis Care Res (Hoboken)*. 2014 Nov;66(11):1703-9. doi: 10.1002/acr.22393. PubMed PMID: 24980508.

Calandra S, Gallo MC, Consolaro A, Pistorio A, Lattanzi B, Bovis F, Muratore V, De Marco R, Martini A, Ravelli A. Female sex and oligoarthritis category are not risk factors for uveitis in Italian children with juvenile idiopathic arthritis. *J Rheumatol*. 2014 Jul;41(7):1416-25. doi: 10.3899/jrheum.131494. Epub 2014 Jun 15. PubMed PMID: 24931957.

Sag E, Tartaglione A, Batu ED, Ravelli A, Khalil SM, Marks SD, Ozen S. Performance of the new SLICC classification criteria in childhood systemic lupus erythematosus: a multicentre study. *Clin Exp Rheumatol*. 2014 May-Jun;32(3):440-4. Epub 2014 Mar 17. PubMed PMID: 24642380.

Consolaro A, Ruperto N, Bracciolini G, Frisina A, Gallo MC, Pistorio A, Verazza S, Negro G, Gerloni V, Goldenstein-Schainberg C, Sztajn bok F, Wulfraat NM, Martini A, Ravelli A; Paediatric Rheumatology International Trials Organization (PRINTO). Defining criteria for high disease activity in juvenile idiopathic arthritis based on the juvenile arthritis disease activity score. *Ann Rheum Dis*. 2014 Jul;73(7):1380-3. doi: 10.1136/annrheumdis-2013-204186. Epub 2013 Dec 17. PubMed PMID: 24347571.

Fidanci BE, Demirkaya E, Acikel C, Fidanci K, Karaman D, Yildiz D, Konukbay D, Polat A, Basbozkurt G, Topaloglu R, Cimaz R, Ravelli A, Ozen S; FMF Arthritis Vasculitis and Orphan disease Research in Paediatric Rheumatology. The invisible

part of the iceberg: qualitative aspects of childhood vasculitis. *Clin Exp Rheumatol.* 2014 May-Jun;32(3 Suppl 82):S122-7. Epub 2013 Sep 10. PubMed PMID: 24021608.

Giancane G, Pederzoli S, Norambuena X, Ioseliani M, Sato J, Gallo MC, Negro G, Pistorio A, Ruperto N, Martini A, Ravelli A. Frequency of radiographic damage and progression in individual joints in children with juvenile idiopathic arthritis. *Arthritis Care Res (Hoboken).* 2014 Jan;66(1):27-33. doi: 10.1002/acr.22123. PubMed PMID: 23983211.

Rodriguez-Lozano AL, Giancane G, Pignataro R, Viola S, Valle M, Gregorio S, Norambuena X, Ioseliani M, Pistorio A, Magnaguagno F, Riganti S, Martini A, Ravelli A. Agreement among musculoskeletal pediatric specialists in the assessment of radiographic joint damage in juvenile idiopathic arthritis. *Arthritis Care Res (Hoboken).* 2014 Jan;66(1):34-9. doi: 10.1002/acr.22145. PubMed PMID: 23983057.

Ciullini Mannurita S, Vignoli M, Bianchi L, Kondi A, Gerloni V, Breda L, Ten Cate R, Alessio M, Ravelli A, Falcini F, Gambineri E. CACP syndrome: identification of five novel mutations and of the first case of UPD in the largest European cohort. *Eur J Hum Genet.* 2014 Feb;22(2):197-201. doi: 10.1038/ejhg.2013.123. Epub 2013 Jun 12. PubMed PMID: 23756439; PubMed Central PMCID: PMC3895642.

Malattia C, Damasio MB, Madeo A, Pistorio A, Providenti A, Pederzoli S, Viola S, Buoncompagni A, Mattiuz C, Beltramo A, Consolaro A, Ravelli A, Ruperto N, Picco P, Magnano GM, Martini A. Whole-body MRI in the assessment of disease activity in juvenile dermatomyositis. *Ann Rheum Dis.* 2014 Jun;73(6):1083-90. doi: 10.1136/annrheumdis-2012-202915. Epub 2013 May 1. PubMed PMID: 23636654.

Genova, 28 maggio 2019

Prof. Angelo Ravelli