

CURRICULUM VITAE DI ANGELO RAVELLI

Angelo Ravelli è nato a Varzi (PV) il 9 luglio 1956

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.

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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

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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.

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Genova, 28 maggio 2019

Prof. Angelo Ravelli

A handwritten signature in dark ink, appearing to read 'Aravelli', is written over a faint, light-colored circular stamp or watermark.