

CURRICULUM VITAE

Dati personali

Prof. **Matteo Bonini**

Profilo breve

Medico-Chirurgo, Specialista in Medicina dello Sport, Dottore di Ricerca in “Allergologia e Fisiopatologia Respiratoria”, attualmente Professore Associato in Malattie dell’Apparato Respiratorio presso l’Università Cattolica del Sacro Cuore di Roma e Honorary Clinical Senior Lecturer, presso il National Heart and Lung Institute, Imperial College London. Formazione in istituzioni internazionali altamente qualificate (Harvard Medical School, Imperial College London, Institute Monegasque de Medicine du Sport). Vincitore di una “Marie-Curie Fellowship” e di una “ERS Long-Term Fellowship”. Abilitato, dal Ministero dell’Istruzione dell’Università e della Ricerca, a Professore di I Fascia per il Settore Concorsuale 06/D1 “Malattie dell’Apparato Cardiovascolare e Malattie dell’Apparato Respiratorio”, per il Settore Concorsuale 06/B1 “Medicina Interna” e per il Settore Concorsuale 06/N2 “Scienze dell’Esercizio Fisico e dello Sport”. Esperienza clinica nell’area della Medicina Respiratoria, dell’Allergologia e della Medicina dello Sport. Esperienza di ricerca in studi osservazionali, clinical trial, revisioni sistematiche e metanalisi, con particolare riferimento allo studio di biomarcatori, strumenti diagnostici/prognostici e trattamenti per la gestione delle patologie allergiche e respiratorie. Conoscenza delle principali tecniche di laboratorio in Immunologia Clinica e Biologia Molecolare. Investigatore Principale, Responsabile di Unità e Ricercatore in progetti finanziati su base competitiva a livello nazionale ed internazionale. Autore di >150 pubblicazioni scientifiche, con Impact Factor totale >900, citazioni >6000 e H-index 46 (Scholar). Moderatore e relatore su invito in >100 congressi nazionali ed internazionali. Attività didattica e supervisione di studenti, specializzandi e dottorandi. Partecipazione e ruoli di leadership in Società Scientifiche nell’area della Pneumologia, Allergologia e Medicina dello Sport. Membro del Comitato Editoriale e Revisore di riviste scientifiche. Ottima conoscenza della lingua inglese, buona conoscenza della lingua francese. Esperienza di sistemi e software informatici.

Titoli di studio e professionali

- **1997** Maturità Classica conseguita con la votazione di 60/60 presso l’Istituto Marcantonio Colonna, Roma.
- **2003** Laurea in Medicina e Chirurgia conseguita con la votazione di 110/110 e lode presso l’Università degli Studi di Roma “La Sapienza”.
- **2003** Abilitazione alla Professione di Medico Chirurgo
- **2003** Iscrizione all’Ordine dei Medici-Chirurghi di Roma con posizione n°53399.
- **2007** Specializzazione in Medicina dello Sport conseguita con la votazione di 50/50 e lode presso l’Università Cattolica del Sacro Cuore di Roma.
- **2011** Dottorato di Ricerca in Allergologia e Fisiopatologia Respiratoria Clinica e Sperimentale, conseguito presso l’Università di Genova.

- **2011** Associatura di Ricerca presso l'Istituto di Farmacologia Traslazionale, Consiglio Nazionale delle Ricerche, Roma
- **2013** Assegno di Ricerca presso il Dipartimento di Sanità Pubblica e Malattie Infettive, "Sapienza" Università di Roma.
- **2015** Abilitazione Scientifica Nazionale a Professore di II Fascia per il Settore Concorsuale 06/N1 "Scienze delle professioni sanitarie e delle tecnologie mediche applicate" (Bando 2013)
- **2016** Iscrizione al Medical General Council con posizione n°7515382
- **2017** Abilitazione Scientifica Nazionale a Professore di II Fascia per il Settore Concorsuale 06/D1 "Malattie dell'apparato cardiovascolare e malattie dell'apparato respiratorio" (Bando 2016 - 2018)
- **2017** Abilitazione Scientifica Nazionale a Professore di I Fascia per il Settore Concorsuale 06/N2 "Scienze dell'esercizio fisico e dello Sport" (Bando 2016 - 2018)
- **2018** Ricercatore di Tipo B presso il Dipartimento di Scienze Cardiotoraciche, Università Cattolica di Roma
- **2018** Honorary Clinical Senior Lecturer, presso il National Heart and Lung Institute, Imperial College London
- **2018** Abilitazione Scientifica Nazionale a Professore di II Fascia per il Settore Concorsuale 06/B1 "Medicina Interna" (Bando 2016 - 2018)
- **2018** Abilitazione Scientifica Nazionale a Professore di I Fascia per il Settore Concorsuale 06/B1 "Medicina Interna" (Bando 2016 - 2018)
- **2020** Abilitazione Scientifica Nazionale a Professore di I Fascia per il Settore Concorsuale 06/D1 "Malattie dell'apparato cardiovascolare e malattie dell'apparato respiratorio" (Bando 2018 - 2020)

Attuale posizione lavorativa

- Professore Associato in Malattie dell'Apparato Respiratorio presso il Dipartimento di Scienze Cardiovascolari e Toraciche, Università Cattolica del Sacro Cuore di Roma
- Responsabile di Unità Operativa Semplice presso il Dipartimento di Scienze Cliniche e Chirurgiche, Fondazione Policlinico Universitario A. Gemelli, IRCCS, Roma
- Honorary Clinical Senior Lecturer presso il National Heart and Lung Institute, Imperial College London

Precedenti posizioni lavorative

- **1999-2001** Studente interno presso l'Istituto di Clinica Medica Generale e Terapia Medica, Università di Roma "La Sapienza".
- **2001-2003** Studente interno presso la III Cattedra di Allergologia e Immunologia Clinica, Università di Roma "La Sapienza".
- **2003-2007** Specializzando in Medicina dello Sport presso l'Università Cattolica del Sacro Cuore, Roma.
- **2006** Fellowship clinica e di ricerca presso l'Institute Monegasque de Medicine du Sport, Monaco.

- **2008-2011** Dottorando di Ricerca in Allergologia e Fisiopatologia Respiratoria Clinica e Sperimentale, Dipartimento di Medicina Interna, Università di Genova.
- **2008** Fellowship clinica e di ricerca presso il Royal Brompton Hospital, Imperial College London.
- **2009** Fellowship clinica e di ricerca presso il Brigham and Women's Hospital, Harvard Medical School, Boston
- **2011-** Associato di Ricerca presso l'Istituto di Farmacologia Traslazionale, Consiglio Nazionale delle Ricerche, Roma
- **2011-2013** Medico interno presso il Dipartimento di Sanità Pubblica e Malattie Infettive, III Clinica Medica, "Sapienza" Università di Roma
- **2013-2016** Assegnista di Ricerca sul progetto "Ruolo del test cardiopolmonare e dei marker di infiammazione nelle patologie respiratorie cronico-ostruttive e nel monitoraggio di interventi terapeutici." presso il Dipartimento di Sanità Pubblica e Malattie Infettive, III Clinica Medica, "Sapienza" Università di Roma
- **2014-2017** Honorary Research Fellow presso il National Heart and Lung Institute, Royal Brompton Hospital & Imperial College London
- **2017-2018** Honorary Senior Research Fellow presso il National Heart and Lung Institute, Royal Brompton Hospital & Imperial College London
- **2018-2021** Ricercatore di tipo B in Malattie dell'Apparato Respiratorio presso il Dipartimento di Scienze Cardiovascolari e Toraciche, Università Cattolica del Sacro Cuore di Roma - Dirigente Medico presso la Fondazione Policlinico Universitario A. Gemelli, IRCCS, Roma

Finanziamenti di ricerca

Responsabilità o partecipazione scientifica per progetti di ricerca nazionali ed internazionali, ammessi al finanziamento sulla base di bandi competitivi

- **2005** Ricercatore nel progetto "Parametri immunologici negli sportivi e loro modificazioni in seguito a trattamenti farmacologici" finanziato dal Ministero della Salute - Commissione per la vigilanza ed il controllo sul doping e per la tutela della salute nelle attività sportive.
- **2005** Ricercatore nel progetto "Danno cellulare e modulazione dell'espressione genica da sovra-dosaggio di sostanze che regolano ed incrementano la crescita tissutale" finanziato dal Ministero della Salute - Commissione per la vigilanza ed il controllo sul doping e per la tutela della salute nelle attività sportive.
- **2006** Ricercatore nel progetto "Beta-2 agonists black box or green light" finanziato dal Ministero della Salute - Commissione per la vigilanza ed il controllo sul doping e per la tutela della salute nelle attività sportive.
- **2007** Ricercatore nel progetto "Malattie allergiche negli atleti" finanziato dal Ministero dell'Università e della Ricerca (MIUR).
- **2008** Ricercatore nel progetto "The 2008 Beijing Olympic Study" finanziato dall'Unione Europea nel contesto del Network di eccellenza GA2LEN.
- **2009** Ricercatore nel progetto "The Effect of β 2-Adrenergic Polymorphisms on the Bronchoprotective Effects of Regular Salmeterol Treatment in Asthma" finanziato da NIH/NHLBI

- **2009** Responsabile di Unità nel progetto “Beta-2 agonists for exercise induced asthma”, Revisione sistematica e Metanalisi Cochrane, finanziato dall’Agenzia Italiana del Farmaco (AIFA).
- **2012** Responsabile di Unità nel progetto “Innovative screening tools for allergic diseases in children: impact on clinical management, quality of life and socio-economic analysis” finanziato dal Ministero dell’Università e della Ricerca (MIUR).
- **2015** Ricercatore nel progetto “MyAirCoach: Analysis, modelling and sensing of both physiological and environmental factors for the customized and predictive self-management of Asthma” finanziato dall’Unione Europea nel contesto del programma Horizon 2020
- **2016** Responsabile di Unità nel progetto “Anti-muscarinic drugs as a preventive treatment of exercise-induced asthma in children and adults” finanziato dall’Agenzia Italiana del Farmaco (AIFA).
- **2016** Investigatore Principale nel progetto “Inflammatory and functional biomarkers of the Th2-low endotype in exercise-induced asthma” finanziato dall’Unione Europea e dall’European Respiratory Society

Responsabilità o partecipazione scientifica in studi e ricerche scientifiche affidati da qualificate istituzioni pubbliche o private

Studi di ricerca farmacologica, traslazionale e clinica, prevalentemente in ambito respiratorio e medico-sportivo, finanziati da AstraZeneca, Boehringer, Chiesi, Glaxo Smith Kline, Novartis, Takeda e Thermo Fisher Scientific.

Premi e Riconoscimenti

- **2004** “Premio Stefano Benetton” per la migliore tesi di laurea ad argomento sportivo discussa nel 2002-2003 con la tesi “Profilo clinico-immunologico in atleti d’élite”.
- **2007** “WAO Short-Term Research Fellowship” per sviluppare il progetto di ricerca dal titolo “Methodological tools for epidemiological and clinical studies in sports allergy” presso l’Imperial College di Londra.
- **2007** “GA2LEN Fellowship Award” per sviluppare il progetto di ricerca dal titolo “Standardization of methods for epidemiological and clinical studies in Sports Allergy” sotto la supervisione dell’Università di Oslo (Prof. K.H. Carlsen).
- **2007** “Premio giovani ricercatori” conferito dalla Società Italiana di Medicina Interna in occasione del 108° Congresso Nazionale per lo studio “AQUA©2007, a screening questionnaire for predicting allergy in sports medicine”.
- **2009** “ERS Long-Term Research Fellowship” per sviluppare il progetto di ricerca dal titolo “The Effect of β 2-Adrenergic Polymorphisms on the Bronchoprotective Effects of Regular Salmeterol Treatment in Asthma” presso il Brigham and Women’s Hospital, Harvard Medical School, Boston.
- **2013** “Fondazione Andrea Cesalpino Fellowship” per sviluppare il progetto di ricerca dal titolo “Exercise-induced bronchoconstriction: functional assessment and role of inflammatory markers.
- **2014** “Molecular Allergology Italian Award” per lo studio “Microarray evaluation of specific IgE to allergen components in elite athletes”.

- **2014** “Think and Write about COPD MedStage Award” per lo studio “Exercise tolerance in patients with COPD-asthma overlap syndrome”
- **2016** “ERS-Marie Curie Fellowship” per sviluppare il progetto di ricerca dal titolo “Inflammatory and functional biomarkers of the Th2-low endotype in exercise-induced asthma”

Posizioni ed incarichi nell’ambito di Società e Riviste Scientifiche

- **Chairman:** “Asthma Section” e “Interest Group of Allergy, Asthma and Sport”, European Academy of Allergy and Clinical Immunology (EAACI); “Sports Allergy Committee” e “Junior Member Group”, World Allergy Organization (WAO); “Sports Medicine Section”, Italian Medical Society of Great Britain;
- **Segretario:** “Gruppo di Studio sull’Asma e le Allergie Respiratorie”, Società Italiana di Pneumologia (SIP); “Area Tematica di Interesse sull’Asma”, Società Italiana di Allergologia, Asma e Immunologia Clinica (SIAAIC); “Respiratory Medicine Section”, Italian Medical Society of Great Britain
- **Membro del Direttivo:** “Sports Allergy Committee”, American Academy of Allergy Asthma and Immunology (AAAAI); Società Italiana di Pneumologia dello Sport (SIPsport);
- **Membro:** “College of Experts”, European Respiratory Society (ERS); “Child Health Field”, Cochrane Collaboration; Progetto LIBRA per la divulgazione delle linee guida internazionali su asma, rinite e BPCO; Royal Society of Medicine (RSM);
- **Membro del board editoriale:** Respiratory Medicine, Pulmonary Pharmacology & Therapeutics, Journal of Pulmonology and Respiratory Therapy, Clinical and Molecular Allergy, Insights in Internal Medicine, Porto Biomedical Journal, Journal of Allergy and Immunology, Sports Medicine and Rehabilitation, ARC Journal of Research in Sports Medicine
- **Revisore:** New England Journal of Medicine, American Journal of Respiratory and Critical Care Medicine, European Respiratory Journal, Journal of Allergy and Clinical Immunology, Allergy, Cochrane Database of Systematic Reviews, Annals of Allergy Asthma & Immunology, Journal of Asthma, Respiratory Medicine, Respirology, Sports Medicine, Medicine & Science in Sports and Exercise, International Journal of Sports Medicine.

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- **AQUA**^{©2007}: Allergy Questionnaire for Athletes
- **AQUE**^{©2007}: Allergy Questionnaire for Exercisers
- **QUAQUA**^{©2007}: Questionnaire for Assessment of Quality-of-Life in Athletes

Publicazioni

Articoli pubblicati su riviste recensite da JCR

Rhinitis and Asthma in athletes: an ARIA document in collaboration with GA2LEN.

Bonini S, Bonini M, Bousquet J, et al.

Allergy 2006;61:681-692

Non specific provocation of target organs in allergic diseases.

Bonini S, Rasi G, Brusasco V, et al.

Allergy 2007;62:683-694

Practical approach to diagnosis and treatment of ocular allergy: a 1-year systematic review

Bonini S, Gramiccioni C, Bonini M, et al.

Curr Opin Allergy Clin Immunol 2007;7(5):446-9

Predictive value of allergy and pulmonary function tests for the diagnosis of asthma in elite athletes.

Bonini M, Lapucci G, Petrelli G, et al.

Allergy 2007;62:1166-1170

Epidemiology of asthma rhinitis and conjunctivitis in elite athletes

Bonini M, Cerulli S, Bianco M, et al.

Multidisciplinary Respiratory Medicine 2007;2:57-61

Sensitization, asthma and allergic diseases in young soccer players.

Ventura MT, Cannone A, Sinesi D, et al.

Allergy 2009;64:556-9

AQUA©: Allergy QUestionnaire for Athletes. Development and Validation.

Bonini M, Braido F, Baiardini I, et al.

Med Sci Sports Exerc 2009;41:1034-41

Why do doctors and patients not follow guidelines?

Baiardini I, Braido F, Bonini M, et al.

Curr Opin Allergy Clin Immunol 2009;9:228-33

The efficacy of sublingual immunotherapy for house dust mites in respiratory allergy: an updated meta-analysis.

Compalati E, Passalacqua G, Bonini M, et al.

Allergy 2009;64:1570-9

Asthmatic athletes in the Italian team at Beijing 2008 Olympic Games.

Todaro A, Egidi F, Sardella F, et al.

Med Sport 2010;63:419-428

The ImmunoCAP ISAC molecular allergology approach in adult multi-sensitized Italian patients with respiratory symptoms.

Melioli G, Bonifazi F, Bonini S, et al.

Clin Biochem 2011;44:1005-11

In Vitro Effects of Beta-2 Agonists on Skeletal Muscle Differentiation, Hypertrophy, and Atrophy

Wannenes F, Magni L, Bonini M, et al

WAO Journal 2012;5:66-72

Microarray evaluation of specific IgE to allergen components in elite athletes.

Bonini M, Marcomini L, Gramiccioni C, et al.

Allergy 2012;67:1557-1564

Research Needs in Allergy: An EAACI Position Paper, in collaboration with EFA

Papadopoulos N, Agache I, Bavbek S, et al.

Clin Transl Allergy 2012;2:21

What we should learn from the London Olympics

Bonini M, Bachert C, Baena-Cagnani CE, et al.

Curr Opin Allergy Clin Immunol. 2013;13:1-3

Increased Nerve Growth Factor serum levels in top athletes

Bonini M, Fioretti D, Sargentini V, et al.

Clin J Sport Med 2013;23:228-31

Relevance of allergy testing in the screening of athletes

Bonini M.

Intern Emerg Med 2013;8:363-4

Weight loss interventions in asthma: EAACI Evidence-Based Clinical Practice Guideline

Moreira A, Bonini M, Garcia-Larsen V, et al.

Allergy 2013;68:425-39

Exhaled Breath Condensate Eicosanoid Levels Associate with Asthma and its Severity

Kazani S, Planaguma A, Ono E, Bonini M, et al.

J Allergy Clin Immunol 2013;132:547-53

The additional values of microarray allergen assay in the management of polysensitized patients with respiratory allergy.

Passalacqua G, Melioli G, Bonifazi F, et al.

Allergy. 2013 Aug;68(8):1029-33

Fit yourself and take your lungs to heart

Palange P, Bonini M.

Respiration 2013;86:13-4

Beta2-agonists for exercise-induced asthma

Bonini M, Di Mambro C, Calderon MA, et al.

Cochrane Database Syst Rev. 2013 Oct 2;10:CD003564. doi: 10.1002/14651858.CD003564.pub3

Loss of salmeterol bronchoprotection against exercise in relation to ADRB2 Arg16Gly polymorphism and FeNO.

Bonini M, Permaul P, Kulkarni T, et al.

Am J Respir Crit Care Med. 2013; 188(12):1407-12

Beta-2 agonists for exercise-induced bronchoconstriction in children.

Bonini M.

Paediatr Respir Rev. 2014;15(1):42-44

Integrated care pathways for airway diseases (AIRWAYS-ICPs). European Innovation Partnership on Active and Healthy Ageing, Action Plan B3; Mechanisms of the Development of Allergy, WP 10; Global Alliance against Chronic Respiratory Diseases

Bousquet J, Addis A, Adcock I, et al.

Eur Respir J. 2014;44(2):304-23

Anaphylaxis and sport.

Bonini M, Palange P.

Curr Opin Allergy Clin Immunol. 2014;14(4):323-7

Exercise tolerance in Systemic Sclerosis patients without pulmonary impairment: correlation with clinical variables

Rosato E, Romaniello A, Magrì D, et al.

Clin Exp Rheumatol. 2014 Nov-Dec;32 Suppl 86(6):103-8

Potential benefit of omalizumab in respiratory diseases

Bonini M, Di Maria G, Paggiaro P, et al.

Ann Allergy Asthma Immunol. 2014;113(5):513-519

A World Allergy Organization international survey on physical activity as a treatment option for asthma and allergies

Moreira A, Bonini M, Pawankar R, et al.

WAO Journal 2014;7:34

Asthma, allergy and the Olympics: a 12-year survey in elite athletes

Bonini M, Gramiccioni C, Fioretti D et al.

Curr Opin Allergy Clin Immunol. 2015;15(2):184-92

INDACO project: COPD and link between comorbidities, lung function and inhalation therapy.

Fumagalli G, Fabiani F, Forte S, et al.

Multidisciplinary Respiratory Medicine 2015;10(1):4

Impact of chronic obstructive pulmonary disease on exercise ventilatory efficiency in heart failure

Apostolo A, Laveneziana PA, Palange P, et al.

Int J Cardiol 2015;189:134-40

Correlation between intrarenal arterial stiffness and exercise tolerance in systemic sclerosis patients without renal and cardiopulmonary impairment: the role of the microvascular damage

Gigante A, Romaniello A, Magrì D, et al.

Int J Cardiol 2015;185:122-4

Roflumilast is safe and effective in improving symptoms and lung function in severe COPD

Bonini M, Palange P

Monaldi archives for chest disease 2015;79:3-4

Choosing wisely: practical considerations on treatment efficacy and safety of allergic asthma in the elderly

Scichilone N, Ventura MT, Bonini M, et al.

Clin Mol Allergy. 2015;13(1):7.

Intrarenal hemodynamic and oxidative stress in patients with obstructive sleep apnea syndrome

Sardo L, Palange P, Di Mario F, et al.

Sleep and Breathing 2015;19(4):1205-12

Pathophysiological mechanisms of exercise-induced anaphylaxis: an EAACI position statement

Robson-Ansley P, Bonini M, Delgado L et al.

Allergy. 2015;70(10):1212-21.

The role of the small airways in the pathophysiology of asthma and COPD

Bonini M, Usmani O.

Ther Adv Respir Dis 2015;9(6):281-93.

MACVIA-ARIA Sentinel Network for allergic rhinitis (MASK-rhinitis): The new generation guideline implementation.

Bousquet J, Schunemann HJ, Fonseca J, et al.
Allergy. 2015;70(11):1372-92.

Exercise-induced bronchoconstriction: new evidence in pathogenesis, diagnosis and treatment

Bonini M, Palange P.
Asthma Research and Practice 2015 1:2

The Importance of Inhaler Devices in the Treatment of COPD

Bonini M, Usmani OS.
COPD - Research and Practice 2015 1:9

Effect of Acetazolamide on post-NIV metabolic alkalosis in acute exacerbated COPD patients

Fontana V, Santinelli S, Internullo M, et al.
Eur Rev Med Pharmacol Sci. 2016;20(1):37-43.

Mucins MUC5B and MUC5AC in Distal Airways and Honeycomb Spaces: Comparison Between UIP, fibrotic NSIP and control lungs.

Conti C, Montero-Fernandez A, Borg E, et al.
Am J Respir Crit Care Med. 2016 ;193(4):462-4

Asthma and dietary intake: an overview of systematic reviews

Garcia-Larsen V, Del Giacco S, Moreira A, et al.
Allergy. 2016;71(4):433-42.

International survey on skin patch test procedures, attitudes and interpretation

Kase Tanno L, Darlenski R, Sánchez-García S, et al.
World Allergy Organ J. 2016;9:8.

Allergen immunotherapy for allergic asthma: protocol for a systematic review

Dhimi S, Nurmatou U, Agache I et al.
Clin Transl Allergy. 2016;6:5.

Eucapnic voluntary hyperpnoea: Gold standard for diagnosing EIB in athletes?

Hull JH, Ansley L, Price OJ, et al.
Sports Med. 2016;46(8):1083-93

Dietary intake and risk of asthma in children and adults- protocol for a systematic review and meta-analysis

Garcia-Larsen V, Del Giacco S, Moreira A, et al.
Clin Transl Allergy. 2016;6:17

Vitamin D deficiency and exercise-induced laryngospasm in young competitive rowers

Heffler E, Bonini M, Brussino L, et al.
Applied Physiology, Nutrition, and Metabolism 2016;3:1-6

MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis.

Bousquet J, Schunemann HJ, Hellings PW, et al.
J Allergy Clin Immunol. 2016;138(2):367-374.e2

AIRWAYS-ICPs (European Innovation Partnership on Active and Healthy Ageing) from concept to implementation.

Bousquet J, Barbara C, Bateman E, et al.
Eur Respir J. 2016;47(4):1028-33

Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5).

Bousquet J, Farrell J, Crooks G, et al.
Clin Transl Allergy. 2016;6:29

A 22-year-old woman with unexplained exertional dyspnea

Internullo M, Bonini M, Marinelli P, et al.
Thorax 2016;71(11):1057-1060

Drugs for airway disease

Bonini M, Usmani OS.
Medicine 2016; 44(5):271-280

ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle

Bousquet J, Hellings PW, Agache I, et al.
Clin Transl Allergy. 2016;6:47.

Monitoring asthma: current knowledge and future perspectives

Bonini M, Usmani O.
Minerva Pneumologica 2016;55(4)106-118

Electronic Health (e-Health): Emerging Role in Asthma

Bonini M.
Curr Opin Pulm Med 2017;23(1):21-26

MyAirCoach – The use of home-monitoring and mHealth systems to predict deterioration in asthma control and the occurrence of asthma exacerbations; study protocol of an observational study.

Honkoop PJ, Simpson A, Bonini M, et al.
BMJ Open 2017;7:e013935

Allergic diseases in the elderly: biological characteristics and main immunological and non-immunological mechanisms

Ventura MT, Scichilone N, Paganelli R, et al.
Clin Mol Allergy 2017;15:2

Exertional dyspnoea in ILD: clinical utility of cardiopulmonary exercise testing

Bonini M, Fiorenzano G.
Eur Respir Rev 2017;26(143)

Asthma and gender: the female lung

Pignataro FS, Bonini M, Forgione A, et al.
Pharmacol Res. 2017;119:384-390

Biosimilars and drug development in allergic and immunologic diseases

Bonini S, Bonini M.
J Allergy Clin Immunol 2017;139(5):1461-1464

Allergen immunotherapy for allergic asthma: a systematic overview of systematic reviews.

Asamoah F, Kakourou A, Dhami S, et al.
Clin Transl Allergy. 2017;7:25

Metabolic and cardiovascular response to exercise in patients with type 1 diabetes

Turinese I, Marinelli P, Bonini M, et al.
J Endocrinol Invest 2017;40(9):999-1005

Allergen immunotherapy for allergic asthma: a systematic review and meta-analysis
Dhami S, Kakourou A, Asamoah F, et al.
Allergy 2017;72(12):1825-1848

Atopy in elite endurance athletes
Teixeira RN, Leite GS, Bonini M, et al.
Clin J Sport Med. 2017 Jul 11, Epub ahead of print

Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis - A EUFOREA-ARIA-EPOS-AIRWAYS ICP statement.
Hellings PW, Fokkens WJ, Bachert C, et al.
Allergy. 2017;72(9):1297-1305

Tiotropium in asthma: back to the future of anticholinergic treatment
Bonini M, Scichilone N.
Clin Mol Allergy 2017;15:20

Novel Methods for Device and Adherence Monitoring in Asthma
Bonini M, Usmani OS.
Curr Opin Pulm Med 2018;24:63-69

Demystifying inhaler use in chronic airways disease
Bonini M, Usmani OS.
BRN Reviews 2018;4(4):304-18

Let research leave you breathless, not physical exercise!
Bonini M, Usmani O.
ERJ Open Res. 2018;4(1)

Exercise-Induced Bronchoconstriction: Background, Prevalence and Sport Considerations
Bonini M, Silvers W.
Immunol Allergy Clin North Am. 2018;38:205-214

Effect of Ambulatory Oxygen on quality of life for patients with fibrotic lung disease (AmbOx): a randomized mixed-method cross-over controlled clinical trial
Visca D, Mori L, Tsiouri V, et al.
Lancet Respir Med. 2018;6(10):759-770

Adherence to treatment in allergic rhinitis using mobile technology. the mask study
Menditto E, Costa E, Midão L, et al.
Clin Exp Allergy. 2019;49(4):442-460

Diagnosis and Management of NSAID-Exacerbated Respiratory Disease (N-ERD) – a EAACI position paper
Kowalski M, Agache I, Bavbek S, et al.
Allergy. 2019;74(1):28-39.

Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology.
Bousquet J, Hellings PW, Agache I, et al.
J Allergy Clin Immunol. 2019;143(3):864-879.

The role of mobile apps in allergic respiratory diseases: an Italian multicentre survey report.
Lombardi C, Bonini M, Passalacqua G, et al.
Eur Ann Allergy Clin Immunol. 2018;50(6):268-272.

Evaluation of Allergic Diseases, Symptom Control, and Relation to Infections in a Group of Italian Elite Mountain Bikers.

Perrotta F, Simeon V, Bonini M, et al.
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