

Roberto Albertini

POSITION

Researcher at the University of Parma (awarded with the national scientific qualification as Associate Professor of General and Applied Hygiene);

Biologist at the University Hospital of Parma.

WORK EXPERIENCE

Aerobiology, Environmental Hygiene, Monitoring, Cleanrooms air quality, Allergology,

EDUCATION AND TRAINING

1998 PhD Allergology and Immunology

1985 - 1988 Visiting Scientist at the Istituto Superiore di Sanità, Rome, Italy

1983 Degree in Biological Sciences

ORGANISATIONAL / MANAGERIAL SKILLS

Secretary of the Interest Group on Aerobiology and Pollution (2019-2022) and member of the Research and Outreach Committee (2020-2022) of the European Academy of Allergy and Clinical Immunology (EAACI)

Treasurer of the International Ragweed Society (IRS), 2018-2022

Member of the Committee of the European Aerobiology Society (EAS), 2016-2020

President of the Italian Aerobiology Association (AIA) 2012-2015

Local Team leader of European research projects: Monalisa (2007-2008); HIALINE (2009-2012)

JOB-RELATED SKILLS

Responsible of Laboratory of Hygiene and Aerobiology of the Department of Medicine and Surgery, University of Parma, Section of Hygiene and Aerobiology of the Unit of Continuity Medicine, University Hospital of Parma

Responsible of classification and monitoring air quality in operating theatres and clean rooms at the University Hospital of Parma

EDITOR OF SCIENTIFIC JOURNALS

Associate Editor, *Aerobiologia* Ed. Springer, 2021

Guest Editor, special issue "Outdoor and Indoor Biological Air Quality and Public Health", *International Journal of Environmental Research and Public Health (IJERPH)* (ISSN 1660-4601), Ed MDPI (Multidisciplinary Digital Publishing Institute), 2020

Guest Editor, special issue "Aerobiology for the Preservation of Human and Environmental Health". *Aerobiologia*, Volume 36, issue 1, March 2020, Ed. Springer

Deputy Director *European Journal of Aerobiology and Environmental Medicine*, Ed. Mattioli 1885, 2004-2018

REVIEWER OF SCIENTIFIC JOURNALS

Aerobiologia, ed. Springer

Grana, ed. Taylor and Francis

International Journal of Environmental Research and Public Health, ed. MDPI

Pure and Applied Geophysics, ed. Springer

Sciences of Total Environment, ed. Elsevier

European Annals of Allergy and Clinical Immunology, ed. EDRA SpA

Clinical and Experimental Allergy, ed. John Wiley & Sons Ltd

SCOPUS (74 documents)

Citations 2446

H index 30

Google scholar

3216

32



255 participations at national and international Congresses

Speaker and Chair at national and international congresses

Scientific Manager of Scholarships

Member of competition selection boards

Scientific and organizational manager of national and international congresses and workshops

Thesis supervisor and tutor

Speaker at Masters

REFERENCES (LAST FIVE YEARS)

1. Pasquarella C, Colucci ME, Bizzarro A, Veronesi L, Affanni P, Meschi T, Brianti E, Vitali P, **Albertini R**. Detection of SARS-CoV-2 on hospital surfaces. *Acta Biomed*2020; 91 supp 9:76-78 DOI: 10.23750/abm.v91i9-S.10137.
2. **Albertini R**, Galán C, Clot B. Advances in aerobiology for the preservation of human and environmental health: a Multidisciplinary approach. *Aerobiologia* 2020;36(1):1-2 (Editorial).
3. **Albertini R**, Colucci ME, Turchi S, Vitali P. The management of air contamination control in operating theaters: the experience of the Parma University Hospital (IT). *Aerobiologia* 2020; 36(1):119-123.
4. Pasquarella C, Balocco C, Saccani E, Capobianco E, Viani I, Veronesi L, Pavani F, Pasquariello G, Rotolo V, Palla F, **Albertini R**. Biological and microclimatic monitoring for conservation of cultural heritage: a case study at the De Rossi room of the Palatina library in Parma. *Aerobiologia* 2020;36(1):105-111.
5. Pasquarella C, Balocco C, Colucci ME, Saccani E, Paroni S, Albertini L, Vitali P, **Albertini R**. The influence of surgical staff behavior on air quality in a conventionally ventilated operating theatre during a simulated arthroplasty: A case study at the university hospital of Parma. *Int J Environ Res Public Health*. 2020;17(2):452.
6. Zoni R, Capobianco E, Viani I, Colucci ME, Mezzetta S, Affanni P, Veronesi L, Di Fonzo D, **Albertini R**, Pasquarella C. Fungal contamination in a university building [Contaminazione fungina dell'aria in un edificio universitario]. *Acta Biomedica* 2020; 91:150-153.
7. Viani I, Colucci ME, Pergreffi M, Rossi D, Veronesi L, Bizzarro A, Capobianco E, Affanni P, Zoni R, Saccani E, **Albertini R**, Pasquarella C. Passive air sampling: The use of the index of microbial air contamination. *Acta Biomedica* 2020;91:92-105.
8. Montagna MT, Rutigliano S, Trerotoli P, Napoli C, Apollonio F, D'Amico A, De Giglio O, Diella G, Lopuzzo M, Marzella A, Mascipinto S, Pousis C, **Albertini R**, Pasquarella C, D'Alessandro D, Serio G, Caggiano G. Evaluation of air contamination in orthopaedic operating theaters in hospitals in Southern Italy: The IMPACT project. *Inter J Environ Res Public Health* 2019;16(19),3581.
9. Rojo J, Oteros J, Pérez-Badia R, Cervigón P, Ferencova Z, Gutiérrez-Bustillo AM, Bergmann KC, Oliver G, Thibaudon M, **Albertini R**, Rodríguez-De la Cruz D, Sánchez- Reyes E, Sánchez-Sánchez J, Pessi AM, Reinharju J, Saarto A, Calderón MC, Guerrero C, Berra D, Bonini M, Chiodini E, Fernández-González D, García J, Trigo MM, Myszkowska D, Fernández-Rodríguez S, Tormo-Molina R, Damialis A, Kolek F, Traidl- Hoffmann C, Severova E, Caeiro E, Ribeiro H, Magyar D, Makra L, Udvardy O, Alcázar P, Galán C, Borycka K, Kasprzyk I, Newbiggin E, Adams-Groom B, Apangu GP, Frisk CA., Skjøth CA, Radišić P, Šikoparija B, Celenk S, Schmidt-Weber CB, Buters J. Near-ground effect of height on pollen exposure. *Environ Res* 2019;174:160- 169.
10. Mengozzi C, Campaniello G, Aversa F, Re F, Calatafimi B, **Albertini R**, Montali F. The "Patient's Empowerment rights-duty Charter": new communication tools targeted at patient and professionals in a hematology and bone marrow transplant center. *Acta Biomed*. 2019 23;90(2):233-240. doi: 10.23750/abm.v90i2.6831.
11. Matyasovszky I, Makra L, Tusnányi G, Csépe Z, Nyúl LG, Chapman DS, Sümeghy Z, Szűcs G, Páldy A, Magyar D, Mányoki G, Erostyák J, Bodnár K, Bergmann KC, Deák AJ, Thibaudon M, **Albertini R**, Bonini M, Šikoparija B, Radišić P, Gehrig R, Rybniček O, Severova E, Rodinkova V, Prikhodko A, Maleeva A, Stjepanović B, Ianovici N, Berger U, Seliger AK, Weryszko-Chmielewska E, Šaulienė I, Shalaboda V, Yankova R, Peternel R, Ščevková J, Bullock JM. Biogeographical drivers of ragweed pollen concentrations in Europe. *Theor Appl Climatol* 2018;133(1-2):277-295.
12. Sofiev M, Ritenberga O, **Albertini R**, Arteta J, Belmonte J, Bernstein GG, Bonini M, Celenk S, Damialis A, Douros J, Elbern H, Friese E, Galan C, Oliver G, Hrga I, Kouznetsov R, Krajsek K, Magyar D, Parmentier J, Plu M, Prank M, Robertson L, Steensen BM, Thibaudon M, Segers A, Stepanovich B, Valdebenito AM, Vira J, Vokou D. Multi-model ensemble simulations of olive pollen distribution in Europe in 2014: current status and outlook. *Atmos Chem Phys* 2017;17(20):12341-12360.

13. Montagna MT, De Giglio O, Cristina ML, Napoli C, Pacifico C, Agodi A, Baldovin T, Casini B, Coniglio MN, D'Errico MM, Delia SA, Deriu MG, Guida M, Laganà P, Liguori G, Moro M, Mura I, Pennino F, Privitera G, Spica VR, Sembeni S, Spagnolo AM, Tardivo S, Torre I, Valeriani F, **Albertini R**, Pasquarella C. Evaluation of Legionella air contamination in healthcare facilities by different sampling methods: An Italian multicenter study., *Int J Environ Res Public Health* 2017;14(7), 670.
14. Sikoparija B, Galán C, Smith M, Abramidze T, Adams-Groom B, **Albertini R**, Anelli P, Bastl K, Bigagli V, Bonini M, Bócsi E, Bucher E, Caeiro E, Celenk S, Cerovac Z, Chłopek K, Cislachi G, Clot B, Cortonesi B, Cristofori A, Dahl A, Della Bella V, Dupuy N, Dušička J, Ferro R, Flori C, Graber MJ, Hrastovčak H, Ianovici N, Józsa E, Kasprzyk I, Kmenta M, Kofler V, Magyar D, Mányoki G, Maya Manzano JM, Myszkowska D, Nowak M, Oliver G, Paganoni B, Palamarchuk O, Parati S, Pashley C, Pini A, Piotrowska K, Prentović M, Rachoud AM, Radišić P, Rapp Benito A, Rodinkova V, Russo M, Sallin C, Satchwell J, Sindt C, Smith M, Szymanska A, Šaulienė I, Ščevková J, Sikoparija B, Tassan Mazzocco F, Testoni C, Tomičić Žabčić V, Udvardy O, Ugolotti M, Vadassy R, Vannini J, Vecenaj A, Velasco-Jiménez MJ, Verardo P, Viola MC, Vuillemin F, Zemmer F. Pollen-monitoring: between analyst proficiency testing. *Aerobiologia* 2017;33(2):191-199.
15. **Albertini R**, Ugolotti M, Ghillani L, Adorni M, Signorelli C, Pasquarella C. Aerobiological monitoring and mapping of Ambrosia plants in the province of Parma (Northern Italy, Southern Po valley), a useful tool for targeted preventive measures. *Annali di Igiene* 2017;29(6):515-528.
16. Montagna M.T., De Giglio O, Cristina M.L., **Albertini R**, Pasquarella C and GISIO-SItI Working Group, AIA Working Group, SIMPIOS Working Group. Legionella Indoor Air Contamination in Healthcare Environments. In: Capolongo S, Settimo G, Gola M. (eds) *Indoor Air Quality in Healthcare Facilities*. 2017;0(9783319491592):63-71 SpringerBriefs in Public Health. Springer, Cham. DOI 10.1007/978-3-319-49160-8_6.

COMMUNICATIONS AT NATIONAL AND INTERNATIONAL CONGRESSES (LAST FIVE YEARS)

1. **Albertini R**, Turchi S, Brianti E, Vitali P. Gérer l'urgence COVID-19 du point de vue environnemental dans les hôpitaux. L'expérience du CHU de Parme (IT) pendant la première vague de la pandémie SARS-CoV-2. 17ème Congrès ContaminExpert; Paris (France) 12-15 October 2021.
2. **Albertini R**, Turchi S, Vitali P. Air fungal contamination in hospital operating theatres and cleanrooms. 7th Virtual edition European Symposium on Aerobiology, Cordoba (Spain) 16-20 November 2020. P.174.
3. **Albertini R**, Capobianco E, Colucci ME, Viani I, Affanni P, Zoni R, Veronesi L, Pasquarella C. Indoor air fungal contamination in a university building. 7th Virtual edition European Symposium on Aerobiology, Cordoba (Spain) 16-20 November 2020. P.84.
4. Thibaudon M, **Albertini R**, Bonini M, Celenk S, Citterio S, Makra L, Oliver G, Pechamat O, Starfinger U. IRS (International Ragweed Society), an international tool to help Ambrosia management. 7th Virtual edition European Symposium on Aerobiology, Cordoba (Spain) 16-20 November 2020. P.178 - *World Allergy Organization Journal* (2020) 13:100137. P.25.
5. **Albertini R**. au nom du European network to promote infection prevention for patient safety (EUNETIPS): Pasquarella C, Celotto D, Agodi A, Barchitta M, **Albertini R**, Di Fonzo D, Asensio Vegas Á, Assadian O, Bergervoet JP, Cookson B, Gallagher R, Grzesiowski P, Hvingelby H, Kiernan M, Kjerulf A, Licker M, Lytsy B, O'Connor H, Parneix P, Popp W, Tholander-Hasselrot M, Tomberg O, Wójkowska-Mach J, Brusafiero S. EUNETIPS (European network to promote infection prevention for patient safety) Enquête sur les lignes directrices, recommandations ou les règles officielles concernant la qualité de l'air dans les blocs opératoires en Europe. 16^{ème} Congrès ContaminExpert; Paris (France) 26-28 March 2019.
6. **Albertini R**. A multidisciplinary approach to the modern aerobiology. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.2.
7. De Giglio O, Diella G, Lopuzzo M, Rutigliano S, Agodi A, **Albertini R**, Cristina ML, Napoli C, Pasquarella C, Privitera G, Montagna MT, Gisio-Siti WG, AIA WG, SIMPIOS WG. Legionella air contamination: an Italian multicenter study in healthcare facilities. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.50.
8. Pasquarella C, Balocco C, Petrone G, Saccani E, Capobianco E, Pagani F, Pasquariello G, Rotolo V, Palla F, **Albertini R**. Biological and microclimatic monitoring for preventive conservation of cultural heritage: research in de rossi room of the Palatina library in Parma. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.69.
9. Rojo J, Oteros JA, Pérez Badía R, Adams-Groom B, **Albertini R**, Alcázar P, Apangu GP, Bergmann K, Berra D, Bonini M, Borycka K, Caeiro E, Calderón Ezquerro MDC, Celenk S, Cervigón P, Chiodini E, Cislachi G, Colombo P, Damialis A, Dellavedova S, Ferencova Z, Fernández González D, Fernández Rodríguez S, Frisk CA, Galán C, García J, Gutiérrez-Bustillo A, Häring F, Kasprzyk I, Magyar D, Makra L, Myszkowska D, Newbiggin E, Oliver G, Pessi AM, Radišić P, Reiniharju J, Ribeiro H, Rodríguez-De La Cruz D, Saarto A, Sánchez-Reyes E, Sánchez-Sánchez J, Severova E, Sikoparija B, Skjøth CA, Thibaudon M, Tormo Molina R, Traidl-Hoffmann C, Trigo MM, Udvardy O,

- Schmidt-Weber C, Buters J. Effect of height on pollen sampling in relation to pollen exposure at ground level. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.72.
10. **Albertini R**, Ugolotti M, Adorni M, Ghillani L, Vitali P, Signorelli C, Pasquarella C. Pollen and plants of ambrosia in province of Parma (northern Italy, southern Po valley). surveillance for targeted preventive measures 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.84.
 11. D'Amico A, Montagna MT, Caggiano G, De Giglio O, Lopuzzo M, Mascipinto S, Napoli C, Pousis C, Rutigliano S, **Albertini R**, Pasquarella C, D'Alessandro D, Currà E. Air quality in the operating room: use of parametric models in BIM to identify criticality and interference with building and plant aspects. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.91.
 12. Montagna MT, Lopuzzo M, Rutigliano S, Diella G, De Giglio O, Mascipinto S, **Albertini R**, Pasquarella C, Caggiano G. Microbiological and particulate contamination of the air in the operating theatres: an Italian experience. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.102.
 13. **Albertini R**, Colucci ME, Turchi S, Vitali P. Operating theatres biological and particle air quality at the university hospital of Parma, Italy. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.119.
 14. Pasquarella C, Saccani E, Capobianco E, Colucci ME, Veronesi L, Affanni P, Zoni R, Bracchi MT, Viani I, Morgado M, Palandri L, Di Fonzo D, Tramutola V, Tanzi ML, Signorelli C, **Albertini R**. Indoor air fungal contamination in a university building. 11th International Congress on Aerobiology; Parma 3-7 September 2018. P.139.
 15. Montagna MT, Caggiano G, De Giglio O, Diella G, Divenuto F, Lopuzzo M, Pacifico C, Palermo A, Rutigliano S, Napoli C, **Albertini R**, Pasquarella C. La qualité de l'air dans les salles d'opération de la région de Puglia (Italie). Premiers résultats. ContaminExpert, Parigi, (France) 28-30 March 2017.