




<b>Name</b>	<b>Roland Buhl</b>	
<b>Country</b>	<b>Germany</b>	
<b>Organization</b>	<b>Johannes Gutenberg University Mainz</b>	
<b>Current Position</b>	<b>Senior Professor, Pulmonary Department Mainz University Hospital</b>	

## Educational Background

<b>1975 - 1981</b>	<b>Medical School, Ruprecht Karls University Heidelberg</b>
<b>1982 – 1984</b>	<b>Institute of Immunology and Serology, Ruprecht Karls University Heidelberg</b>
<b>1984</b>	<b>Pulmonary Department, Lungenklinik Heckeshorn, Berlin</b>
<b>1984 - 1987</b>	<b>Pulmonary Department, Frankfurt University Hospital</b>
<b>1988 - 1990</b>	<b>Pulmonary Branch, National Heart, Lung and Blood Institute National Institutes of Health; Bethesda, Maryland, USA</b>
<b>1990 - 1993</b>	<b>Pulmonary Department, Frankfurt University Hospital</b>
<b>1994 - 1997</b>	<b>Chief Resident, Pulmonary Department, Frankfurt University Hospital</b>

## Professional Experiences

<b>1997 - 2023</b>	<b>Professor of Medicine, Johannes Gutenberg University, Mainz Head, Pulmonary Department, Mainz University Hospital</b>
<b>2008 – 2009</b>	<b>World Allergy Organization Asthma Special Committee</b>
<b>2012 -</b>	<b>Honorary member of the Colombian Pulmonary Society</b>
<b>2016 -</b>	<b>Member of the Global Initiative for Asthma Science Committee</b>
<b>2016 -</b>	<b>Honorary member of the Austrian Pulmonary Society</b>
<b>2019 - 2023</b>	<b>Scientific Advisory Board, University of Basel, Switzerland</b>
<b>2019 - 2020</b>	<b>Visiting Professor, Harvard Medical School, Boston, MA</b>
<b>2024 -</b>	<b>Senior Professor of Medicine, Johannes Gutenberg University, Mainz, and Pulmonary Department, Mainz University Hospital</b>

## Professional Organizations

**German Society of Internal Medicine**  
**German Pulmonary Society**  
**German Society of Allergy and Clinical Immunology**  
**European Respiratory Society**  
**American Thoracic Society**



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## **German Airway League**

- Member of the board
- Responsible author of the German Asthma Guidelines
- Co-author of the German Immunotherapy Guideline
- Co-author of the German COPD Guideline

## **Global Initiative for Asthma (GINA)**

- Member of the Science Committee

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## **Main Scientific Publications**

Lommatzsch M, Buhl R, Canonica GW, Ribas CD, Nagase H, Brusselle GG, Jackson DJ, Pavord ID, Korn S, Milger K, Taube C, Virchow JC. Pioneering a paradigm shift in asthma management: remission as a treatment goal. *Lancet Respir Med* 12(2):96-99, 2024

Krishnan JA, Buhl R. As-needed ICS/formoterol or as-needed SABA in mild asthma? *Eur Respir J* 63(4):2302308, 2024

Milger K, Suhling H, Skowasch D, Holtdirk A, Kneidinger N, Behr J, Timmermann H, Schulz C, Schmidt O, Ehmann R, Hamelmann E, Idzko M, Taube C, Lommatzsch M, Buhl R, Korn S. Response to Biologics and Clinical Remission in the Adult German Asthma Net Severe Asthma Registry Cohort. *J Allergy Clin Immunol Pract* 11(9):2701-2712, 2023

Reddel HK, Bacharier LB, Bateman ED, Brightling CE, Brusselle GG, Buhl R, Cruz AA, Duijts L, Drazen JM, FitzGerald JM, Fleming LJ, Inoue H, Ko FW, Krishnan JA, Levy ML, Lin J, Mortimer K, Pitrez PM, Sheikh A, Yorgancioglu AA, Boulet LP. Global Initiative for Asthma Strategy 2021: Executive Summary and Rationale for Key Changes. *Am J Respir Crit Care Med* 205(1):17-35, 2022

Dekhuijzen PNR, Levy ML, Corrigan CJ, Hadfield RM, Roche N, Usmani OS, Barnes PJ, Scullion JE, Lavorini F, Corbetta L, Kocks JWH, Cosio BG, Buhl R, Pedersen SE; ADMIT Working Group. Is Inhaler Technique Adequately Assessed and Reported in Clinical Trials of Asthma and Chronic Obstructive Pulmonary Disease Therapy? A Systematic Review and Suggested Best Practice Checklist. *J Allergy Clin Immunol Pract* 10(7):1813-1824, 2022

Lommatzsch M, Brusselle GG, Canonica GW, Jackson DJ, Nair P, Buhl R, Virchow JC. Disease-modifying anti-asthmatic drugs. *Lancet* 399(10335):1664-1668, 2022



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**Korn S, Milger K, Skowasch D, Timmermann H, Taube C, Idzko M, Voß HW, Holtdirk A, Hamelmann E, Buhl R. The German severe asthma patient: Baseline characteristics of patients in the German Severe Asthma Registry, and relationship with exacerbations and control. *Respir Med* 195:106793, 2022**

**Louis R, Satia I, Ojanguren I, Schleich F, Bonini M, Tonia T, Rigau D, Ten Brinke A, Buhl R, Loukides S, Kocks JWH, Boulet LP, Bourdin A, Coleman C, Needham K, Thomas M, Idzko M, Papi A, Porsbjerg C, Schuermans D, Soriano JB, Usmani OS. European Respiratory Society Guidelines for the Diagnosis of Asthma in Adults. *Eur Respir J* 15:2101585, 2022**

**Buhl R, Bel E, Bourdin A, Dávila I, Douglass JA, FitzGerald JM, Jackson DJ, Lugogo NL, Matucci A, Pavord ID, Wechsler ME, Kraft M. Effective Management of Severe Asthma with Biologic Medications in Adult Patients: A Literature Review and International Expert Opinion. *J Allergy Clin Immunol Pract* 10(2):422-432, 2022**

**Reddel HK, FitzGerald JM, Bateman ED, Bacharier LB, Becker A, Brusselle G, Buhl R, Cruz AA, Fleming L, Inoue H, Ko FW, Krishnan JA, Levy ML, Lin J, Pedersen SE, Sheikh A, Yorgancioglu A, Boulet LP. GINA 2019: a fundamental change in asthma management: Treatment of asthma with short-acting bronchodilators alone is no longer recommended for adults and adolescents. *Eur Respir J* 53(6):1901046, 2019**

**Buhl R, Garn H, Renz H. Allergen Responses Modified by a GATA3 DNAzyme. *N Engl J Med* 373(12):1177, 2015**

**Krug N, Hohlfeld JM, Kirsten A-M, Kornmann O, Beeh KM, Kappeler D, Korn S, Ignatenko S, Timmer W, Rogon C, Zeitvogel J, Nan Z, Bille J, Homburg U, Turowska A, Bachert C, Werfel T, Buhl R, Renz J, Garn H, Renz H. Allergen-induced asthmatic responses modified by a GATA-3 specific DNAzyme. *N Engl J Med* 372 (21):1987-1995, 2015**

**Pavord ID, Korn S, Howarth P, Bleecker ER, Buhl R, Keene ON, Ortega H, Chanez P. Mepolizumab for severe eosinophilic asthma (DREAM): a multicentre, double-blind, placebo-controlled trial. *Lancet* 380 (9842):651-659, 2012**

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