
Serge Adnot Professor, Dr. Med.
d.o.b. may 11th, 1953, Saint Rémy la Vanne, France

University Education

1971 – 1977 Studies of Medicine, Créteil Medical School, Paris East University (UPEC)
1977 Concourse: Interne des hôpitaux de Paris
1982 Doctorate Medicine, Paris East University (UPEC)
1983 PhD : Paris University Pierre et Marie Curie
1983 Habilitation Internal Medicine, Paris East University (UPEC)

Scientific Career

1979 - 1981 Research fellow, Clinical Research Institute of Montreal (Montreal, Canada)
1981 - 1984 Residency, Interne des hôpitaux de Paris: Internal Medicine
1984-1986 Chief medical resident, Intensive Care Unit, H Mondor Hospital
1986 - 1988 Chief medical resident, Department of Physiology and Functional Testing, H Mondor hospital
1988 - 1993 Assistant Professor of Physiology: Maitre de Conférence Hospitalo-Universitaire, Department of Physiology and Functional Testing, H Mondor teaching hospital
1993--now Professor of Physiology: Department of Physiology and Functional Testing, H Mondor hospital (*prolonged until 2022 by the University President*)
2005-2019 Head of the Department of Physiology and Functional Testing Functional Testing, H Mondor teaching Hospital, Creteil (40 MD, 40 nurses)
1993-1998 Head of a research team in INSERM Unit 296 (Creteil, Paris East University, UPEC)
1998-2004 Director of the INSERM Unit 492 and head of a research team within the Unit (UPEC)
2005-2009 Director of the INSERM Unit 651 and head of a research team within the Unit (UPEC)
Molecular and cellular functions of the respiratory system and pulmonary vessels
2009-2015 Head of a research team within the INSERM U955 Unit, UPEC (14 teams) (Head of a research department comprising 7 teams, PHYDES department)
2015-2020 Head of a research team within the INSERM U955 Unit, UPEC (17 teams). Role for Cell Senescence in lung and cardiovascular diseases
2020 - now Head of a research group within the team “Role for Cell Senescence in lung and cardiovascular diseases, head G Derumeaux
2021-2026 Part time Professorship, Justus Liebig University, Giessen
Head of the research team “Cell senescence and lung diseases” Institute for Lung Health
2026 - now Adjunct Professor ” Institute for Lung Health, Justus Liebig University, Giessen

Awards and Honors

2002 Member of the INSERM « Avenir » council
2002 Member of the INSERM council “Centres for Clinical Investigation”
2004-2008 Vice President of the “ French Society of Physiology “
2007-2008 AERES, Agence d’Evaluation de la Recherche et de l’Enseignement Supérieur
Scientific delegate (délégué scientifique)
2004-2009 Member from the national University council (sub section Physiology)
2008-2012 Elected member of the INSERM Scientific Council
2014-2018 Elected member of the “Fondation Pour la Recherche Médicale” Scientific Council
2013 Award from the French National Academy of Medicine
2014 Award from the « Fondation Pour la Recherche Médicale »
2020 Elected member of the French National Academy of Medicine

Citation Record: h-index: 65 (Web of Science, 2025)

10 relevant publications during the last 10 years

1. Lipskaia L, Delval L, Sencio V, Born E, Heumel S, Houssaini A, Valentin C, Raviola S, Deruyter L, Angulo FS, Gros V, Marcos E, Abid S, Goekyildirim M, Contreras V, Flaman JM, Le Grand R, Le Goffic R, Bernard D, Adnot S and Trottein F. Virus-Induced Cellular Senescence Causes Pulmonary Sequelae Post-Influenza Infection. *Aging Cell*. 2025;24:e70140.
2. Knoepp F, Abid S, Houssaini A, Lipskaia L, Gokyildirim MY, Born E, Marcos E, Arhatte M, Glogowska E, Vienney N, Gunther A, Kraut S, Breitenborn-Mueller I, Quanz K, Fenner-Nau D, Derumeaux G, Weissmann N, Honore E and Adnot S. Piezo1 in PSMCs: Critical for Hypoxia-Induced Pulmonary Hypertension Development. *Circ Res*. 2025;136:1031-1048.
3. Lipskaia L, Breau M, Cayrou C, Churikov D, Braud L, Jacquet J, Born E, Fouillade C, Curras-Alonso S, Bauwens S, Jourquin F, Fiore F, Castellano R, Josselin E, Sanchez-Ferrer C, Giovinazzo G, Lachaud C, Gilson E, Flores I, Londono-Vallejo A, Adnot S and Geli V. mTert induction in p21-positive cells counteracts capillary rarefaction and pulmonary emphysema. *EMBO Rep*. 2024;25:1650-1684.
4. Born E, Lipskaia L, Breau M, Houssaini A, Beaulieu D, Marcos E, Pierre R, Do Cruzeiro M, Lefevre M, Derumeaux G, Bulavin DV, Delcroix M, Quarck R, Reen V, Gil J, Bernard D, Flaman JM, Adnot S and Abid S. Eliminating Senescent Cells Can Promote Pulmonary Hypertension Development and Progression. *Circulation*. 2023;147:650-666.
5. Beaulieu D, Attwe A, Breau M, Lipskaia L, Marcos E, Born E, Huang J, Abid S, Derumeaux G, Houssaini A, Maitre B, Lefevre M, Vienney N, Bertolino P, Jaber S, Noureddine H, Goehrig D, Vindrieux D, Bernard D and Adnot S. Phospholipase A2 receptor 1 promotes lung cell senescence and emphysema in obstructive lung disease. *Eur Respir J*. 2021;58.
6. Breau M, Houssaini A, Lipskaia L, Abid S, Born E, Marcos E, Czibik G, Attwe A, Beaulieu D, Palazzo A, Flaman JM, Bourachot B, Collin G, Tran Van Nhieu J, Bernard D, Mechta-Grigoriou F and Adnot S. The antioxidant N-acetylcysteine protects from lung emphysema but induces lung adenocarcinoma in mice. *JCI Insight*. 2019;4.
7. Abid S, Marcos E, Parpaleix A, Amsellem V, Breau M, Houssaini A, Vienney N, Lefevre M, Derumeaux G, Evans S, Hubeau C, Delcroix M, Quarck R, Adnot S and Lipskaia L. CCR2/CCR5-mediated macrophage-smooth muscle cell crosstalk in pulmonary hypertension. *Eur Respir J*. 2019;54.
8. Parpaleix A, Boyer L, Wiedemann A, Lacabaratz C, Margarit L, Enouf V, Le Corvoisier P, Lino A, Covali-Noroc A, Housset B, Chouaid C, Maitre B, Levy Y, Lelievre JD and Adnot S. Impaired humoral and cellular immune responses to influenza vaccination in chronic obstructive pulmonary disease patients. *J Allergy Clin Immunol*. 2017;140:1754-1757 e6.
9. Parpaleix A, Amsellem V, Houssaini A, Abid S, Breau M, Marcos E, Sawaki D, Delcroix M, Quarck R, Maillard A, Couillin I, Ryffel B and Adnot S. Role of interleukin-1 receptor 1/MyD88 signalling in the development and progression of pulmonary hypertension. *Eur Respir J*. 2016;48:470-83.
10. Mouraret N, Houssaini A, Abid S, Quarck R, Marcos E, Parpaleix A, Gary-Bobo G, Dubois-Rande JL, Derumeaux G, Boczkowski J, Delcroix M, Blasco MA, Lipskaia L, Amsellem V and Adnot S. Role for telomerase in pulmonary hypertension. *Circulation*. 2015;131:742-755.