

Tabassome Simon, MD, PhD

Tabassome Simon is Professor of Medicine and Clinical Pharmacology in the Department of Pharmacology at AP-HP, Saint-Antoine Hospital and Sorbonne Université, Paris, France. `

T. Simon is currently Head of the Department of Clinical Pharmacology and the Head of the Clinical Research platform of East of Paris. Since 2010, the platform has secured a total of 64,844,693 € for research protocols , as part of European, national, regional or local academic grants. More than 200 people are currently working within the platform on over 185 local, regional, national and international multicenter studies covering most medical specialties, including pediatrics.

In addition to teaching pharmacology for medical students, T. Simon is the Coordinator of two Master Diploma (M2) of clinical research for physicians and scientists, and two university diplomas for the formation of investigators, research assistants, technicians, and pharmacovigilance specialist, as well as the university diploma for pharmacogenetics and personalized medicine in France.

She is also currently 1) Research Deputy VP of APHP, 2) Chair of the Working Group of Clinical Trials of the European Alliance (EUHA) that includes a network of leading university hospitals in Europe including APHP, Karolinska, King's College, Charité, Erasmus, Val D'Hebron, San Raffaele, University Hospital of Vienne (AKH Vienna), University Hospital of Leuven, Aarhus University Hospital 3) Past-President of the Interregional Group for Clinical Research and Innovation (GIRCI)-Ile de France

Dr Simon is the first woman elected Chair of the European Association for Clinical Pharmacology and Therapeutics (EACPT).

Dr Simon is also the first French pharmacologist and the first woman in Europe to receive the EACPT's "Lifetime Achievement Award" in June 2024. She has received several national and international awards including from the French Society of Cardiology, the French Society of Pharmacology, the EACPT and the EPHAR. One of her research work has been chosen as Groundbreaking Studies in the Practice of Cardiovascular Medicine in 2009.

Her primary research focuses on the impact of drugs and therapeutics on secondary prevention in the cardiovascular field and emergency care. She is currently the scientific coordinator of several ongoing trials and studies in myocardial infarction. She is also member of several Executive Committee or Data Safety Monitoring Board in national and international trials. She has published more than 340 articles in international peer-reviewed journals, including The New England Journal of Medicine, The Lancet, JAMA, Annals of Internal Medicine, Nature Med, BMJ, Circulation, JACC, Eur Heart Journal, ...

List of best publications within 2017-2025

- 1) Carson, JL ; Fergusson, DA ; Noveck, H ; Mallick, R ; **Simon, T** ; Rao, SV, Cooper H, Stanworth SJ, Portela GT, Ducrocq G, Bertolet M, DeFilippis AP, Goldsweig AM, Kim S, Triulzi DJ, Menegus MA, Abbott JD, Lopes RD, Mori Brooks M, Alexander JH, Hébert PC, Goodman SG, Steg PG : Restrictive versus Liberal Transfusion in Myocardial Infarction - A Patient-Level Meta-Analysis. **NEJM Evid**, 2025, 4, EVIDo2400223
- 2) **Simon T**, Herbert BM, Brooks MM, Goodman SG, Alexander JH, Steg PG, Lopes RD, Ghafghazi S, Bouleti C, Cooper HA, McCamant EL, Baine KR, Aronow HD, Abbott JD, Alsweiler C, Bertolet M, Fergusson DA, Goldsweig AM, Hébert PC, Carson JL; MINT Trial Investigators : Restrictive of liberal transfusion strategy in patients with acute myocardial infarction and anemia : 6-month mortality in the MINT trial. **Circulation**, 2024, 150 : 1064-1066
- 3) Portela, GT ; Carson, JL ; Swanson, SA ; Alexander, JH ; Hébert, PC ; Goodman, SG, Steg PG, Bertolet M, Strom JB, Fergusson DA, **Simon T**, White HD, Cooper HA, Abbott JD, Rao SV, Chaitman BR, Fordyce CB, Lopes RD, Daneault B, Brooks MM; MINT Investigators.: Effect of Four Hemoglobin Transfusion Threshold Strategies in Patients With Acute Myocardial Infarction and Anemia : A Target Trial Emulation Using MINT Trial Data. **Ann Intern Med**, 2024, 177 : 1489-1498

- 4) Carson JL, Brooks MM, Hebert PC, Goodman SG, Berolet M, Glynn SA, Chaitman R, **Simon T**, Lopes RD, Goldsweig A, DeFillipis A, Abbott D, Potter BJ, Carrier FM, Ro SV, Copper H, Ghafghazi S, Fergusson D, Kostis WJ, Noveck H, Kim S, Tessalee M, Ducrocq G, de Barros E Silva PGM, Triulzi DJ ; Alsweller C, Menegus MA, Neary JD, Strom JB, Fordyce CB, Ferrai E, Silvain J, Wood FO, Daneault B, Polonsky TS, Senaratne M, Puymirat E, Bouleti C, Lattuca B, White HD, Kelsey SF, Steg PG, Alexandar JH. Restrictive or Liberal Transfusion Strategy in Myocardial Infarction and Anemia. **N Engl J Med**. 2023;389(26):2446-2456.
- 5) Freund Y, Viglino D, Cachanado M, Cassard C, Montassier E, Douay B, Guenezan J, Le Borgne P, Yordanov Y, Severin A, Roussel M, Daniel M, Marteau A, Peschanski N, Teissandier D, Macrez R, Morere J, Chouihed T, Roux D, Adnet F, Bloom B, Chauvin A, **Simon T**. Effect of Noninvasive Airway Management of Comatose Patients With Acute Poisoning: A Randomized Clinical Trial. **JAMA**. 2023;330(23):2267-2274.
- 6) Roussel M, Teissandier D, Yordanov Y, Balen F, Noizer M, Tazarourte K, Bloom B, Catoire P, Berard L, Cachanado M, **Simon T**, Laribi S, Freund Y. Overnight Stay in the Emergency Department and Mortality in Older Patients. **JAMA Intern Med**. 2023;183(12):1378-1385
- 7) Castellano JM, Pocock, SJ, Bhatt DL, Quesada AJ, Owen R, Fernandez-Ortiz A, Sanchez PL, Marin Ortuño F, Vazquez Rodriguez J M, Domingo-Fernández, A, Lozano I, Roncaglioni, MC, Baviera M, Foresta A, Jeda-Fernandez Luisa, Colivicchi, F, Di Fusco SA, Doehner W, Meyer Antje, Schiele F, Ecarnot F, Linhart A, Lubanda JC, Barczy G, Merkely B, Ponikowski P, Kasprzak, Marta, Fernandez Alvira J M., Andres V, Bueno H, Collier T, Van de Werf F, Perel P, Rodriguez-Manero M, Alonso Garcia A, Proietti M, Schoos M, **Simon T**, Ferro JF, Lopez N, Beghi E, Bejot Y, Vivas D, Cordero A, Ibañez B, and Valentin Fuster for the SECURE Investigators. Polypill Strategy in Secondary Cardiovascular Prevention. **N Engl J Med**. 2022;, 2022 DOI: 10.1056/NEJMoa2208275
- 8) Launay O, Cachanado M, Luong Nguyen L, Ninove L, Lachatre M, Ben Ghezala I, Bardou M, Schmidt-Mutter C, Lacombe K, Laine F, Allain JS, Botelho E, Tavalacci MP, Chidia C, Pavese P, Dussol B, Priet S, Deplanque D, Touati A, Curci L, Konate E, Ben Hamouda N, Besbes N, Nubret E, Capelle F, Berard L, Rousseau A, Tartour E, **Simon T**, de Lamballerie X. Immunogenicity and Safety of Beta-Adjuvanted Recombinant Booster Vaccine. **N Engl J Med**. 2022;387(4):374-376.
- 9) Bouzid D, Visseaux B, Kassasseya C, Daoud A, Femy F, Hermand C, , Truchot J, Beaune S, Javaud N, Peyrony O, Chauvin A, Ayar PV, Bourg A, Riou B, Marot S, Bloom B, Cachanado M, **Simon T**, Freund Y. Comparison of Patients Infected With Delta Versus Omicron COVID-19 Variants Presenting to Paris Emergency Departments. **Ann Intern Med**. 2022 Jun;175(6):831-837.
- 10) Naccache JM, Jouneau S, Didier M, Borie R, Cachanado M, Bourdin A, Reynayd Gaubert M, Bonniaud Ph, Israel Biet D, Prevot G, Hirschi S, Lebargy F, Marchand Adam S, Bautin N, Traclet J, Gomez E, Leroy S, Gagnadoux F, Riviere F, Bergot E, Gondouin A, Blanchard E, Parrot A, Blanc FX, Chabrol A, Dominique S, Gibelin A, Tazi A, Berard L, Brielle PY, Debray MP, Rousseau A, Kerjouan M, Freynet O, Dombret MC, Gamez AS, Nieves A, Beltramo G, Pastre J, Leborgne Krams A, Degot T, Launois C, Plantier L, Wemeau Stervinou L, Cadranel J, Chenivresse, Valeyre D, Crestani B, Cottin V, Simon T and Nunes H. Cyclophosphamide added to glucocorticoids in acute exacerbation of idiopathic pulmonary fibrosis (EXAFIP): a randomised, double-blind, placebo-controlled, phase 3 trial. **Lancet Respir Med**, 2022 10(1):26-34.
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- 12) Puymirat E, Cayla G, **Simon T**, Steg G, Montalescot G, Durand-Zaleski I, Le bras A, Gallet R, Khalife K, Morelle JF, Motreff P, Lemesle G, Dillinger JG, Lhermusier T, Silvain J, Roule V, Labeque JN, Range G, Ducrocq G, Cottin Y, Blanchard D, Charles Nelson A, De Bruyne B, Chatellier G, Danchin N. Multivessel PCI Guided by FFR or Angiography for Myocardial Infarction. **N Engl J Med**, 2021;385:297-308.
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on Thromboembolic Events in Emergency Department Patients With Suspected Pulmonary Embolism: A Randomized Clinical Trial. **JAMA**. 2021;326(21):2141-2149.

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- 15) Tsiantoulas D, Eslami M, Obermayer G, Clement M, Smeets D, Mayer FJ, Kiss MG, Enders L, Weiber J, Goderle L, Lambert J, Frommlet F, Mueller A, Hendrikx T, Ozsvar-Kozma M, Porsch F, Willen L, Afonyushkin T, Murphy JE, Fogelstrand P, Donze O, Pasterkamp G, Hoke M, Kubicek S, Helle FJ, Danchin N, **Simon T**, Scharnagi H, Marz W, Boren J, Hess H, Mallat Z, Schneider P, Binder C. APRIL limits atherosclerosis by binding to heparan sulfate proteoglycans. **Nature**, 2021;597(7874):92-96.
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