

## NAME, QUALIFICATIONS AND CONTACT DETAILS

Auréli Moreau, PhD

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## EDUCATION AND EMPLOYMENT

01/21 to present CRTI INSERM1064 (Nantes, France) - Permanent researcher position (CRCN)

07/11 to 12/20 CRTI INSERM1064 (Nantes, France) - Senior research associate

10/08 to 06/11 Immunoregulation Lab, Kings College London (London, UK) - Research associate (Mentors: G. Lombardi/R. Lechler)

09/04 to 09/08 Gene therapy lab INSERM1089 (Nantes, France) – PhD (Mentor: P. Moullier)

## RESEARCH FUNDING (2016-present)

1. LabexIGO : Role of cellular metabolism of mononuclear cells in tumor escape (Principal investigator). Funding body: regional grant – ANR. Direct costs: 150 k€, 09/2020 to 09/2023.
2. ITN INsTRuCT: Innovative Training in Myeloid Regulatory Cell Therapy (WP leader, co-investigator). Funding body: European commission (H2020). Direct costs: 275 k€, 01/2020 to 12/2023.
3. AAP ANR JCJC: Study of dendritic cells used in cell therapy (Principal Investigator). Funding body: national grant- ANR. Direct costs: 345 k€, 10/2016 to 09/2021.
4. IHU CESTI: Cellular immunotherapies with tolerogenic dendritic cells (co-investigator). Funding body: national PIA – ANR. Direct costs: 100 k€, 06/2018 to 06/2019.
5. Progreffe PhD funding: Novel mechanisms of dendritic cell regulation (Principal investigator). Funding body : Progreffe foundation. Direct costs: 96 k€, 01/2016 to 01/2019.

## HISTORY OF MENTORING AND SUPERVISION (TOTAL/CURRENT)

PhD Students: 5/1. Postdocs: 1/0. MSc/MD Students: 7/0. Senior Technicians/Research Associates/Project Managers: 3/0.

## KEY ACHIEVEMENTS AND HONOURS

Scientific coordination of a clinical trial of cell therapy. Peer reviewer > 10 scientific journals. Invited lectures: 5. Presentations at national/international meetings as Presenting or senior author: 8

## MOST RELEVANT PUBLICATIONS (out of 24 Pubmed-indexed original papers/reviews)

Total Citations: 516. h-index: 14

1. Marin E, Bouchet-Delbos L, Renoult O, Louvet C, Nerriere-Daguin V, Managh AJ, Even A, Giraud M, Vu Manh TP, Aguesse A, Bériou G, Chiffolleau E, Alliot-Licht B, Prieur X, Croyal M, Hutchinson JA, Obermajer N, Geissler EK, Vanhove B, Blancho G, Dalod M, Josien R, Pecqueur C, Cuturi MC\* and Moreau A\*. Human tolerogenic dendritic cells regulate immune responses through lactate synthesis. *Cell metabolism*. 2019 Dec;30(6):1075-1090.
2. Bouchet-Delbos L, Even A, Varey E, Saïagh S, Bercegeay S, Braudeau C, Dréno B, Blancho G, Josien R, Cuturi MC, Moreau A. Preclinical assessment of Autologous Tolerogenic Dendritic Cells from End-stage renal disease patients. *Transplantation*. 2020 May. PMID: 32433241
3. Sawitzki B, Harden PN, Reinke P, Moreau A, Hutchinson JA, Game DS, Tang QZ, Guinan EC, Battaglia M, Burlingham WJ, Roberts ISD, Streitz M, Josien R, Boger CA, Scotta C, Markmann JF, Hester JL, Juerchott K, Braudeau C, James B, Contreras-Ruiz L, van der Net JB, Bergler T, Caldara R, Petchey W, Edinger M, Dupas N, Kapinsky M, Mutzbauer I, Otto NM,

Ollinger R, Hernandez-Fuentes MP, Issa F, Ahrens N, Meyenberg C, Karitzky S, Kunzendorf U, Knechtle SJ, Grinyo J, Morris PJ, Brent L, Bushell A, Turka LA, Bluestone JA, Lechler RI, Schlitt HJ, Cuturi MC, Schlickeiser S, Friend PJ, Miloud T, Scheffold A, Secchi A, Crisalli K, Kang SM, Hilton R, Banas B, Blanco G, Volk HD, Lombardi G, Wood KJ, Geissler EK. Regulatory cell therapy in kidney transplantation (The ONE Study): a harmonised design and analysis of seven non-randomised, single-arm, phase 1/2A trials. *Lancet*. 2020 May 23;395(10237):1627-1639.

4. Moreau A<sup>\*</sup>, Blair PA<sup>\*</sup>, Chai JG, Ratnasothy K, Stolarczyk E, Alhabbab R, Rackham C, Jones P, Smyth L, Elgueta R, Howard JK, Lechler RI and Lombardi G. Transitional-2 B cells acquire regulatory function during tolerance induction and contribute to allograft survival. *Eur J Immunol*. 2015 March; 45(3):843-53.

5. Moreau A, Vandamme C, Segovia M, Devaux M, Guilbaud M, Tilly G, Jaulin N, Le Duff J, Deschamps JY, Anegon I, Moullier P, Cuturi MC and Adjali O. Generation and *in vivo* evaluation of IL10-treated tolerogenic dendritic cells in a nonhuman primate model of AAV-based gene transfer. *Molecular Therapy-Methods & Clinical Development*. 2014 July; 1:14028.