

NAME, QUALIFICATIONS AND CONTACT DETAILS

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EDUCATION AND EMPLOYMENT

01/17 to Pres CRTI INSERM1064 (Nantes, France). Position: Researcher CR1
10/12 to 12/16 CRI INSERM1149 (Paris, France). Position: Researcher CR2
10/07 to 09/12 INSERM699 (Paris, France). Training: Postdoctoral Fellow (Mentor Renato C. Monteiro)
09/03 to 09/07 INSERM643 (Nantes, France). Training: PhD (Mentor Jean-Paul Soulillou)

RESEARCH FUNDING

TRAIN: Role of TRAnsglutaminase 2 in IgA Nephropathy (Principal Investigator/Coordinator). Funding Body: French National Agency of Research (ANR). Direct Costs : 183k€, 10/14 – 10/18

HISTORY OF MENTORING AND SUPERVISION (PAST/CURRENT)

PhD Students: 1/1. MSc/MD Students: 5/0. Undergrad Students: 6/1. Senior Technicians/Research Associates/Project Managers: 2/1

KEY ACHIEVEMENTS AND HONOURS

ORGANIZATION OF EVENTS

Co-organization of the 14th international symposium on IgA nephropathy (Tours, 09/2016).

PRIZES AND FELLOWSHIPS

Prize for best abstract at ERA-EDTA congress, Amsterdam, Netherland, 2014. Prize for absolute best abstract at ERA-EDTA congress, Milano, Italia, 05/2009. Travel grant for the 8th international congress of neuroimmunology, Nagoya, Japan, 09/2006. Fellowships for the project: mechanisms of IgA deposition in IgA nephropathy (ERA-EDTA 2011, French Society of Nephrology 2009). Fellowship for the PhD project: characterization of myelin MHC Class-I peptides and study of CD8+ T cells responses (ARSEP 2004 and 2006).

PEER REVIEWING

Kidney Int, Kidney Blood Pressure Res, Plos One, BMC Nephrol, Adv Med Sci.

PRESENTATIONS

Invited Lectures (2007-Pres.): 10. Presentations at National/International Meeting as Presenting or Senior Author (2004-Pres.): 9 Oral and 21 Posters.

RELEVANT RECENT PUBLICATIONS (selected from 18 original and 6 reviews)

Total Citations to January 2017: 837. h-index: 16.

1. Lechner SM, Abbad L, Boedec E, Papista C, Le Stang MB, Moal C, Maillard J, Jamin A, Bex-Coudrat J, Wang Y, Li A, Martini PG, Monteiro RC, Berthelot L. IgA1 Protease Treatment Reverses Mesangial Deposits and Hematuria in a Model of IgA Nephropathy. J Am Soc Nephrol. 2016 Sep;27(9):2622-9.
2. Berthelot L, Robert R, Tabary T, Vuiblet V, Dramé M, Toupance O, Rieu P, Monteiro RC and Toure F. Recurrent IgA nephropathy is predicted by altered glycosylated IgA complexes and is controlled by pulse steroid therapy. *Kidney Int* 2015. Oct;88(4):815-22.
3. Papista C, Lechner S, LeStang MB, Ben Mkaddem S, Bex-Coudrat J, Pillebout E, Chemouny J, Jablonski M, Flamant M, Daugas E, Vrtovsnik F, Yiangou M, Berthelot L*, Monteiro RC*. Gluten exacerbates experimental IgA nephropathy through gliadin-CD89 interaction. *Kidney Int* 2015. Aug;88(2):276-85. (*co-last authors)
4. Berthelot L, Papista C, Maciel TT, Biarnes-Pelicot M, Tissandie E, Wang PHM, Tamouza H, Jamin A, Bex-Coudrat J, Gestin A, Boumediene A, Arcos-Fajardo M, England, P, Pillebout E, Walker F, Daugas E, Vrtovsnik F, Flamant M, Benhamou M,

Cogné M, Moura IC, and Monteiro RC. Transglutaminase is essential for IgA nephropathy development acting through IgA receptors. **J Exp Med.** 2012 Apr 9;209(4):793-806.

5. Michel L*, Berthelot L*, Pettré S*, Wiertelowski S, Lefrère F, Braudeau C, Brouard S, Souillou JP, Laplaud DA. Patients with relapsing-remitting multiple sclerosis have normal Treg function when cells expressing IL-7 receptor alpha-chain are excluded from the analysis. **J Clin Invest.** 2008 Oct;118(10):3411-9. (*co-first authors)