

NAME, QUALIFICATIONS AND CONTACT DETAILS

Stéphanie LE BAS-BERNADET, PhD

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EMPLOYMENT

08/12 to Pres CRTI INSERM1064 (Nantes, France). Position: Translational Project Manager- CHU de Nantes
03/07 to 07/12 CRTI INSERM1064 (Nantes, France). Position: Postdoctoral Fellow (Mentor G. Blancho)
09/03 to 10/04 UAB (Birmingham, AL, USA). Training: Postdoctoral Fellow (Mentor: J.M. Thomas)

EDUCATION

2002 PhD in Immunology, Nantes University
10/98 to 06/02 INSERM437 (Nantes, France). Training: PhD (Mentors: M. Hourmant, B. Charreau, J.-D. Bignon)
1997-98 Master of biology, Nantes University

RESEARCH FUNDING

CURRENT

1. EFFI-CLIN PSPC: Novel checkpoint inhibitor generation in cancer immunotherapy . Funding Body: French Public Bank of Investment (BPI). 2017 – 2022.
2. Accommodation in pig kidney transplantation model- Novartis contract- 2016-2019.
3. MDscan PRT-K: Contrôle des cellules myéloïdes suppressives par SIRP-alpha: investigation dans le carcinome hépatocellulaire. Funding Body: Institut National du Cancer (INCa). 2016 – 2019.
4. EFFIMAB, développement d'anticorps à double activité pour le traitement des maladies autoimmunes. 2013-2019.

COMPLETED

1. MDscan : Contrôle des cellules myéloïdes suppressives par SIRP-alpha: investigation dans le carcinome hépatocellulaire. Funding Body: La Ligue. Grant : 26 000€, 2015 – 2016.
2. European Network TRIAD: Tolerance Restoration in Autoimmune Diseases by selective manipulation of the CD28 costimulatory pathway- (Partner). Funding Body: FP7– European commission- 281493 HEALTH: New therapeutic approaches in chronic inflammatory and autoimmune diseases-; 2012-2014
2. European Xenotransplantation Network Xenome: Engineering of the Porcine Genome for Xenotransplantation Studies in Primates: A step Toward Clinical Application (Partner). Funding Body: FP6- European commission- LSHB-CT-2006-037377- 2007-2012

HISTORY OF MENTORING AND SUPERVISION (PAST/CURRENT)

Current

PhD Students: 1 (co-supervision).

Past

MSc/MD Students: 3 (co-supervision).

KEY ACHIEVEMENTS AND HONOURS

ASHI Scholar for Presentation of Best Abstract (ASH) 2004.

National/International Meeting as Presenting or Senior Author (2001-Pres.): 10 Orals and 3 Posters.

RELEVANT RECENT PUBLICATIONS (selected from 17 original and 2 reviews)

1. Le Bas-Bernardet S, Tillou X, Branchereau J, Dilek N, Poirier N, Châtelais M, Charreau B, Minault D, Hervouet J, Renaudin K, Crossan C, Scobie L, Takeuchi Y, Diswall M, Breimer ME, Klar N, Daha MR, Simioni P, Robson SC, Nottle MB, Salvaris EJ, Cowan PJ, d'Apice AJ, Sachs DH, Yamada K, Lagutina I, Duchi R, Perota A, Lazzari G, Galli C, Cozzi E, Soullillou JP, Vanhove B, Blancho G. Bortezomib, C1-inhibitor and plasma exchange do not prolong the survival of multi-transgenic GalT-KO pig kidney xenografts in baboons. *Am J Transplant*. 2015 Feb;15(2):358-70.
2. Vabres B, Le Bas-Bernardet S, Riochet D, Chérel Y, Minault D, Hervouet J, Ducournau Y, Moreau A, Daguin V, Coulon F, Pallier A, Brouard S, Robson SC, Nottle MB, Cowan PJ, Venturi E, Mermillod P, Brachet P, Galli C, Lagutina I, Duchi R, Bach JM, Blancho G, Soullillou JP, Vanhove B. hCTLA4-Ig transgene expression in keratocytes modulates rejection of corneal xenografts in a pig to non-human primate anterior lamellar keratoplasty model. *Xenotransplantation*. 2014 Sep-Oct;21(5):431-43.
3. Scobie L*, Padler-Karavani V*, Le Bas-Bernardet S*, Crossan C, Blaha J, Matouskova M, Hector RD, Cozzi E, Vanhove B, Charreau B, Blancho G, Bourdais L, Tallacchini M, Ribes JM, Yu H, Chen X, Kracikova J, Broz L, Hejnar J, Vesely P, Takeuchi Y, Varki A, Soullillou JP. Long-term IgG response to porcine Neu5Gc antigens without transmission of PERV in burn patients treated with porcine skin xenografts. *J Immunol*. 2013 Sep 15;191(6):2907-15. (* fist co-authors)
4. Le Bas-Bernardet S, Blancho G. Antibodies directed against AB blood antigens or human leukocyte antigen molecules activate different intracellular pathways explaining their differential effects toward accommodation. *Transplantation*. 2012 Feb 27;93(4):354-5.
5. Tillou X, Poirier N, Le Bas-Bernardet S, Hervouet J, Minault D, Renaudin K, Vistoli F, Karam G, Daha M, Soullillou JP, Blancho G. Recombinant human C1-inhibitor prevents acute antibody-mediated rejection in alloimmunized baboons. *Kidney Int*. 2010 Jul;78(2):152-9.
6. Le Bas-Bernardet S, Hourmant M, Valentin N, Paitier C, Giral-Classe M, Curry S, Follea G, Soullillou JP, Bignon JD. Identification of the antibodies involved in B-cell crossmatch positivity in renal transplantation. *Transplantation*. 2003 Feb 27;75(4):477-82.