BIOGRAPHICAL SKETCH

NAME Gagliani, Nicola	POSITION TITLE Postdoctoral Fellow, Yale University, School of Medicine, Department of Immunobiology

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University Milano-Bicocca, Milan Italy	Masters	2001-2006	Biotechnology
University Vita-Salute San Raffaele, Milan,Italy	Phd	2007-2011	Molecular medicine/ immunobioogy
Yale University (Postdoctoral Associate)		June 2011-	Immunobiology

B. Positions and Honors

Positions

2001-2004	University of Milano-Bicocca, *Bachelor's in Biotechnology*
2004-2006	University of Milano-Bicocca, *Master's in Medical Biotechnology*
2007-2011	University Vita-Salute San Raffaele, PhD in Molecular Medicine
June 2011-current	Postdoctoral Fellow, Yale Schole of Medicine, Department of Immunobiology, New Haven, CT, USA.

Honors

2006	Fellowship award, "The exchange programme" between the University of Milano-Bicocca (Italy) and Harvard Medical School (USA). Lab. of Fritz H. Bach and Leo E. Otterbein; Beth Israel Deaconess Medical Center, Harvard Medical School
2007	Fellowship award. Full stipend award by Molecular Medicine at the University of Vita-Salute San Raffaele, Milan. Only the top 5 incoming students are awarded this fellowship
2007	Travel Grant award for oral presentation at ESOT-Prague.
2008	Best poster award at the European retreat of PhD students.
2008	Travel grant award for oral presentation at FOCIS-Boston.
2012	EMBO Long-term fellowship (ALTF 452-2012).
2012	AICF Long-term fellowship

C. Peer-reviewed publications (in chronological order).

1. Haschemi A., Wagner O., Marculescu R., Robson S.C., **Gagliani N.**, Gallo D., Chen J-F., Bach F.H. and Otterbein L.E.. Cross Regulation of Carbon Monoxide and The Adenosine A2a Receptor in Macrophages. J.Immunol. 2007 May1;178(9):5921-9.

2. **Gagliani N**, Jofra T, Stabilini A, Valle A, Atkinson M, Roncarolo MG, and Battaglia M. Antigen-specific dependence of Tr1-cell therapy in preclinical models of islet transplantation. Diabetes. 2010 Feb;59(2):433-9.

3. Esposito M., Ruffini F., Bellone M., **Gagliani N.**, Battaglia M., Martino G., and F. Roberto. Rapamycin inhibits relapsing experimental autoimmune encephalomyelitis by both effector and regulatory T cells modulation. J Neuroimmunol. 2010 Mar 30;220(1-2):52-63.

4. Huber S.*, **Gagliani N.*** Esplugues E.*, (*equally contributing authors), O'Connor W.Jr , Huber F. J., Chaudhry A., Kamanaka M., Kobajashi Y., Booth C. J., Rudensky A. Y., Battaglia M., and Flavell R.A. Th17 cells express interleukin-10 receptor and are controlled by Foxp3- and Foxp3+ regulatory CD4+ T cells in an interleukin-10-dependent manner. Immunity 2011 Apr 22;34(4):554-65

5. Kamanaka M. *, Huber S. *, Zenewicz L. A.*, (*equally contributing authors), **Gagliani N.,** O'Connor W. Jr., Wan Y. , Nakae S., Iwakura Y., Hao L., and Flavell R.A. Memory/effector (CD45RB9(lo)) CD4 T cells are controlled directly by IL-10 and cause IL-22-depenedne intestinal pathology. J. Exp. Med 2011 May 9:208(5):1027-40

6. Tresoldi E., Dell'Albani I., Stabilini A, Jofra T.,Valle A., **Gagliani N.**, Roncarolo M.G., Battaglia M.. Stability of human rapamycin-expanded CD4+CD25+ T regulatory cells. Hematologica. 2011 May 12

7. Esplugues E.*, Huber S.* (*equally contributing authors), **Gagliani N.**, Hauser A., Town T., Wan YY., O'Connor W, Rongvaux A, Van Rooijen N, Habermanh AM., Iwakura Y., Kuchroo VK., Kolls JK., Bluestone JA., Herold KC., and Flavell R. A. Control of T(H)17 cells occurs in the Small Intestine. Nature. 2011 Jul 17;475(7357):514-8

8. **Gagliani N**., Gregori S., Jofra T., Valle A., Stabilini A., Rothstein DM, AtkinsonD., Maria Grazia Roncarolo MG. and Battaglia M. Rapamycin combined with anti-CD45RB mAb and IL-10 or G-CSF induces tolerance in a stringent mouse model of islet transplantation. PLoS One. 2011;6(12):e28434

9. Sauer A., Brigida I., Carriglio N., Jofra Hernandez R., Scaramuzza S., Clavenna S, Sanvito F., Poliani PL., **Gagliani N**., Carlucci F., Traggiai E., Roncarolo MG, Villa A., and Aiuti A. Alterations in the adenosine metabolism and CD39/CD73 adenosinergic machinery cause loss of Treg cell function and autoimmunity in ADA-deficient SCID. Blood. 2012 Feb 9;119(6):1428-39

10. Huber S.*, **Gagliani N.*** (*equally contributing authors), Zenewicz L.A., Huber F.J., Bosurgi L., Hu B., Hedl M., Zhang W.,O'Connor W., Murphy A.J., David M. Valenzuela D.M., Yancopoulos G.D., Booth C.J., Cho J.H., Ouyang W., Abraham C., Flavell R.A. IL-22BP is regulated by the inflammasome and modulates tumorigenesis in the intestine Nature. 2012 Nov 8;491(7423):259-63. doi: 10.1038/nature11535. Epub 2012 Oct 17.

11. Hoshi N, Schenten D, Nish SA, Walther Z, **Gagliani N**, Flavell RA, Reizis B, Shen Z, Fox JG, Iwasaki A, Medzhitov R. MyD88 signaling in colonic mononuclear phagocytes drives colitis in IL-10-deficient mice. Nat Commun. 2012;3:1120. doi: 10.1038/ncomms2113.

C. Review articels (in chronological order)

1. **Gagliani N**, Ferraro A, Roncarolo MG, Battaglia M. Autoimmune diabetic patients undergoing allogeneic islet transplantation: are we ready for a regulatory T-cell therapy? Immunol Lett.U 2009 Dec 2;127(1):1-7.

2. **Gagliani N**, Huber S, Flavell R. The intestine: where amazing things happen. (Cell Research 2012 Feb;22(2):277-9).

3. **Gagliani N.** and Huber S. Balancing pro- and anti-inflammatory CD4+ T helper cells in the intestine Autoimmune Diseases (ISBN 980-953-307-109-6)

4. Huber S.*, **Gagliani N.*** (*equally contributing authors) Flavell RA. Life, Death, and Miracles: Th17 cells in the intestine. Eur J Immunol. 2012 Sep;42(9):2238-45. doi: 10.1002/eji.201242619. Review.

NEW HAVEN 10/02/13

Nicola Gagliani