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Number of children: 2

Date of birth: 11/25/1977
Nationality: French

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Education

- 2001-2005 PhD supervised by Dr Jean-Pierre GORVEL
CIML University Aix-Marseille II
- 1996-2001 MSc in « infectious diseases and tropical pathologies »
Ecole Normale Supérieure (Cachan) / University Paris V / University Aix-Marseille II
- 2000 Teaching license (agrégation) in biochemistry and biotechnology

Research experience

- 2005- Stanford University, school of medicine, Dr D.M. MONACK's laboratory,
"Study of the caspase-1 dependent cell death of macrophages infected by Francisella tularensis"
- 2002-2005 CIML (Immunology Centre of Marseille Luminy), Dr J.P. GORVEL's laboratory
"Physiology of Salmonella typhimurium within eukaryotic cells"
- 2001-2002 CIML (Immunology Centre of Marseille Luminy), Dr J.P. GORVEL's laboratory
"Role of Shigella flexneri's outer membrane vesicles in inflammation"
- 1999 Pasteur Institute (Paris), Immunology department, Dr Claude LECLERC's laboratory,
"Study of recombinant vaccinal particles"
- 1998 Institut de génétique et de biologie moléculaire et cellulaire (IGBMC, Strasbourg), Dr Dino MORAS' laboratory
"Structural study of MAT-1, a TFIIF subunit"

Publications

Henry T, Jones J, Peng K, Metzger D, Monack DMM
Type I IFNs constrain IL-17 production by gamma delta T cells during bacterial infection
Manuscript in preparation for **Journal of Immunology**

Winter SE, Thiennimitr P, Nuccio NP, Haneda T, Winter MG, Wilson RP, Russell MJ,
Henry T, Tran QT, Lawhon SD, Gomez G, Bevins CL, Rüssmann H, Monack DM, Adams LG,
Bäumler AJ.
Contribution of flagellin pattern recognition to intestinal inflammation during *Salmonella enterica*
serotype Typhimurium infection.
Infection and Immunity 2009 Feb 23

Lightfield KL, Persson J, Brubaker SW, Witte CE, von Moltke J, Dunipace EA, Henry T, Sun YH,
Cado D, Dietrich WF, Monack DM, Tsolis RM, Vance RE.
Critical function for Naip5 in inflammasome activation by a conserved carboxy-terminal domain of
flagellin.
Nat Immunol. 2008 Oct;9(10):1171-8.

Henry T, Monack DM.
Intracytosolic sensing of pathogens: nucleic acid receptors, NLRs and the associated
responses during infections and auto-inflammatory diseases
In « The multiple faces of the phagocyte » ASM press, Editor David Russell, in press. (Book
Chapter)

Henry T, Monack DM.
Activation of the inflammasome upon *Francisella tularensis* infection: interplay of innate immune
pathways and virulence factors
Cellular Microbiology 2007 Nov;9(11):2543-51 (Microreview)

Henry T, Brotcke A, Weiss DS, Thompson LJ, Monack DM.
Type I interferon signaling is required for activation of the inflammasome during *Francisella* infection
Journal of Experimental Medicine 2007 May 14;204(5):987-94

Weiss DS, Henry T, Monack DM.
Francisella tularensis : activation of the inflammasome
Ann. N.Y. Acad. Sci. 2007 1105: 219–237 (Review).

Weiss DS, Brotcke A, Henry T, Margolis JJ, Chan K, Monack DM.
In vivo negative selection screen identifies genes required for *Francisella* virulence
PNAS 2007 Apr 3;104(14):6037-42

Deiwick J, Salcedo SP, Boucrot E, Gilliland SM, Henry T, Petermann N, Waterman SR, Gorvel JP,
Holden DW, Meresse S.
The translocated *Salmonella* effector proteins SseF and SseG interact and are required to establish an
intracellular replication niche
Infection and Immunity 2006 Dec 74(12):6965-6972

Henry T, Couillault C, Rockenfeller P, Boucrot E, Dumont A, Schroeder N, Hermant A, Knodler LA,
Lecine P, Steele-Mortimer O, Borg JP, Gorvel JP, Méresse S.
The *Salmonella* effector protein PipB2 is a linker for kinesin-1
PNAS 2006 Sep 5;103(36):13497-502

Henry T, Gorvel JP, Meresse S.
Molecular motors hijacking by intracellular pathogens
Cellular Microbiology 2006 8 (1), 23–32 (Review)

Boucrot E, Henry T, Borg JP, Gorvel JP, Meresse S.

The intracellular fate of *Salmonella* depends on the recruitment of kinesin
Science 2005 May 20;308(5725):1174-8.

Henry T, Garcia-del-Portillo F, Gorvel JP.
Identification of Salmonella functions critical for bacterial cell division within eukaryotic cells
Molecular Microbiology 2005 Apr;56(1):252-67.

Henry T, Pommier S, Journet L, Bernadac A, Gorvel JP, Llobes R.
Improved methods for producing outer membrane vesicles in Gram-negative bacteria **Research in microbiology** 2004 Jul-Aug; 155(6): 437-46.

Ghosh M, Dériaud E, Saron M.F, Lo-Man R, Henry T, Jiao X, Roy P, Leclerc C.
Induction of protective antiviral cytotoxic T cells by a tubular structure capable of carrying large foreign sequences.
Vaccine 2002 Jan 31;20(9-10):1369-77.

Fayolle C, Osickova A, Osicka R, Henry T, Rojas MJ, Saron MF, Sebo P, Leclerc C.
Delivery of multiple epitopes by recombinant detoxified adenylate cyclase of *Bordetella pertussis* induces protective antiviral immunity.
Journal of Virology 2001 Aug;75(16):7330-8.

Oral communications

- 04/18/2008: International symposium on pediatric inflammatory bowel disease (Irvington, VA, USA)
“The inflammasome: a key player of the innate immune system”
- 03/31/2008: Tularemia workshop (Albany, NY, USA)
“Type I interferon signaling is required for *Francisella novicida* -mediated host cell death and increases susceptibility to infection.”
- 12/21/2007: Centre d’Immunologie de Marseille-Luminy (Marseille, France)
“Type I interferon signaling is required for activation of the inflammasome during *Francisella* infection”
- 12/19/2007: Centre Méditerranéen de médecine moléculaire (Nice, France)
“Type I interferon signaling is required for activation of the inflammasome during *Francisella* infection”
- 07/11/2006: EMBO fellows meeting (San Diego, CA, USA)
“Type I interferon signaling is required for activation of the inflammasome during *Francisella* infection”
- 01/24/2005: Berkeley University (Berkeley, CA, USA)
“Identification of *Salmonella* functions critical for bacterial cell division within eukaryotic cells”
- 01/21/2005: Stanford University (Palo Alto, CA, USA)
“Identification of *Salmonella* functions critical for bacterial cell division within eukaryotic cells”
- 01/19/2005: TUFTS University (Boston, MA, USA)
“Identification of *Salmonella* functions critical for bacterial cell division within eukaryotic cells”
- 01/17/2005: Harvard Public School of Medecine (Boston-USA)
“Identification of *Salmonella* functions critical for bacterial cell division within eukaryotic cells”
- 02/15/2001: CIML-PASTEUR meeting (Marseille-FRANCE):
“Role of *Shigella flexneri*’s outer membrane vesicles in inflammation”

Posters

- 05/2007: American Society for Microbiology (ASM) General Meeting (Toronto, Canada)
“Type I interferon signaling is required for activation of the inflammasome during *Francisella* infection”

- 08/2005: Gordon conference Microbial adhesion and signal transduction (Newport, Rhode Island, USA)
“Identification of Salmonella functions critical for bacterial cell division within eukaryotic cells”
- 01/2005: EMBO workshop Future directions in fundamental and clinical Immunology (Marseille France)
“Identification of Salmonella functions critical for bacterial cell division within eukaryotic cells”
- 05/2004: ENII-EMBO workshop on Mechanisms of Immunity (Les Embiez, France)
“Deciphering Salmonella filamentation while growing inside eukaryotic cells”

Grants

09/2004-08/2005: Grant from ARC (association pour la recherche sur le cancer)

09/2005-08/2007 : EMBO long term fellowship

Teaching experience

2001-2004: Lecturer for students in second (DEUG) and fifth (préparation à l’agrégation) years of university (microbiology and biochemistry)

Instructor in practical courses for students in second year of university