

Curriculum Vitae

Personal information **Sara Tognarelli**

Work experience

1. Employer: Paul Ehrlich Institut
 - Start date: 012018
 - End date:
 - Position: Scientific Assessor
 - Activities:
 - Assessment of quality and pre_clinical data for pre_ and post_marketing authorization procedures
2. Employer: University Hospital Frankfurt
 - Country: Germany
 - Start date: 052013
 - End date: 122017
 - Position: Research Scientist and Facility Manager
 - Activities:
 - Autonomous project conception, funding, experimentation, coordination, data analysis and communication
 - Establishment of cell activity tests
 - Isolation of different primary cell subpopulations from cancer patients (PB and BM).
 - Coordination of national and international collaborations
 - Management of the Flow Cytometry facility, trainer and advisor for all the users
 - Coaching, training and supervision of PhD and MSc. students
 - Participation at international meetings
3. Employer: INSERM U986
 - Country: Germany
 - Start date: 012010
 - End date: 042013
 - Position: Scientist and Facility Manager
 - Activities:
 - Maintenance and coordination of the Unit's Flow Cytometry and Sorting facilities
 - Collection and management of patients' samples
 - Management and coordination of technicians and MSc. students
 - Coaching and training of MSc. students
 - Writing of grants, fellowships and scientific publications
 - Country: France

Education and training

1. Subject: University Bonn
 - Start date: 092018
 - End date: 062021
 - Qualification: Master in Drug Regulatory Affairs
 - Thesis: "Between flexibility and standardization: the challenge of the first European Pharmacopoeia individual monograph for monoclonal antibodies. The case study of the monograph 2928 "Infliximab concentrated solution""
 - Country: Germany
2. Subject: Università degli studi di Genova
 - Start date: 2007
 - End date: 2010
 - Qualification: PhD in Clinical and Experimental immunology
 - Country: Italy
3. Subject: INSERM U561
 - Start date: 092008
 - End date: 122009
 - Qualification: visiting PhD student
 - Country: France
4. Subject: Università degli studi di Genova
 - Start date: 2004
 - End date: 2006
 - Qualification: Master of Science in Medical and Pharmaceutical Biotechnology
 - Country: Italy
5. Subject: Università degli studi di Genova
 - Start date: 2001
 - End date: 2004
 - Qualification: Bachelor of Science in Biotechnology

- Country: Italy

Additional information

Publications

Tognarelli S*, Almeida FF* et al. "A point mutation in the Ncr1 signal peptide impairs the development of innate lymphoid cell subsets" OncoImmunology 2018 submitted. Fischer K, Tognarelli S, Roesler S, Boedicker C, Schubert R, Steinle A, Klingebiel T, Bader P, Fulda S and Ullrich E (2017) The Smac Mimetic BV6 Improves NK Cell Mediated Killing of Rhabdomyosarcoma Cells by Simultaneously Targeting Tumor and Effector Cells. Front. Immunol. 2017 March 8;202. Sara Tognarelli*, Benedikt Jacobs*, Nina Staiger and Evelyn Ullrich. Flow cytometry based assay for the monitoring of NK cell functions. J Vis Exp. 2016 Oct 30;(116). Jacobs B, Tognarelli S, Poller K, Bader P, Mackensen A, Ullrich E. NK Cell Subgroups, Phenotype, and Functions After Autologous Stem Cell Transplantation. Front Immunol. 2015 Nov 24;6:583. Sara Tognarelli, Julie Gayet, Marion Lambert, Stéphanie Dupuy, Alexandre Karras, Pascal Cohen, Loïc Guillevin, Mathilde de Menthon, Sophie Caillat_Zucman. Tissue specific microvascular endothelial cells show distinct capacity to activate NK cells: implications for the pathophysiology of granulomatosis with polyangiitis. J Immunol. 2014 Apr 1;192(7):3399_408 de Menthon M, Lambert M, Guiard E, Tognarelli S, Bienvenu B, Karras A, Guillevin L, Caillat_Zucman S Excessive interleukin_15 transpresentation endows NKG2D+CD4+ T cells with innate like capacity to lyse vascular endothelium in granulomatosis with polyangiitis (Wegener's). Arthritis Rheum. 2011 Jul;63(7):2116_26. Stéphanie Dupuy, Marion Lambert, David Zucman, Siméon_Pierre Choukem, Sara Tognarelli, Cécile Pages, Céleste Lebbé and Sophie Caillat_Zucman. Human Herpesvirus 8 (HHV8) Sequentially Shapes the NK Cell Repertoire during the Course of Asymptomatic Infection and Kaposi Sarcoma. PLoS Pathog. 2012 Jan;8(1)

Projects

Memberships

Memberships: EDQM P4Bio Expert

Fellowships/Grants/Awards: Madeleine Schickedanz_Fellowships für Pädiatrische Hämatologie und Onkologie (2016_2017): EBMT Best Young Abstract Award (2016); LOEWE_CGT Startup grant (2015); GO_IN fellowship (Marie Curie)(2013_2015); , EFIS fellowship winner ECI 2009 and 2012

Other Relevant Information

Brief Summary of Expertise and Interest:

Immunology: Natural Killer (NK cells); mAbs or derivatives

CDx

Methodologies: FACS and Sorting; cell-based (potency) assays; cell isolation/ purification techniques,

Interest in new approach methodologies, potency assays for mAbs