

Personal Information

Name Iliaria Marinoni

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Nationality Italian

Birth date 20-05-1980

Married

Children: 2 (2 and 7 years old)

Google scholar: <https://scholar.google.ch/citations?user=BitX-g0AAAAJ&hl=it>



Education and Academic titles

Venia Docendi

December 14th 2021: Venia Docendi for Experimental Pathology, Faculty of Medicine, University of Bern.

PhD

November 2004- January 2008 PhD in Genetic and Molecular Biology University of Pavia. **Thesis Defence: 8.01.2008** Thesis Title: “De novo biosynthesis of NAD in B. subtilis: studies on NadA and NadB enzymes” Supervisor: Prof. Dr. A.M. Albertini.

Master Degree

September 1999- September 2004: Degree in Biological Science specialization in Genetic and Molecular Biology University of Pavia Thesis Title: “Functional analysis of a DNA replication origin in human cells” Supervisor: Dr. G. Biamonti (Institute of molecular genetic of C.N.R. Pavia) Grades: 109/110

Employment history

June 2016-present Group leader, Endocrine Pathology, Institute of Pathology, University of Bern (80% position).

March 2011-May 2016 Assistentin I at University of Bern, Institute of Pathology in the group of Prof. Dr. med. Aurel Perren. Neuro-endocrine pathology. (1/09/2014-1/02/2015: Maternity leave)

January 2008-December 2010: Post-Doc at Helmholtz Zentrum Muenchen, Institute of Pathology in Dr. N.S. Pellegata’s group. Neuro-endocrine tumors.

Approved research projects

Main applicant:

July 2022- July 2024: Bern Centre for Precision Medicine “Establishment of an in vitro and in vivo pipeline for precision medicine in Neuroendocrine tumors”. (CHF 173000). (Co-funded: N. Mercader, C. Kim-Fuchs).

March 2020-March 2021: Wilhelm Sander Foundation: “Application and validation of a 3D primary cell culture pipeline for pancreatic neuroendocrine tumors as a model for personalized therapy indication.” (CHF 60’000)

June 2019-June 2020: Bern Cancer league Chromatin accessibility landscapes in DAXX/ATRAX mutant pancreatic neuroendocrine tumors (PanNETs) (40’000 CHF).

March 2019-May 2022: ENETs CO-Synergy Award: Studying poor responders to Temozolomide (TMZ) in Pancreatic Neuroendocrine Tumours (Pan-NETS). Unravelling mechanisms of primary resistance. (Euro 70’000)

Jan. 2018- Dec. 2019: Wilhelm Sander Foundation: “Identification of predictive biomarkers using primary 3D-culture of pancreatic Neuro-Endocrine Tumors and patient response data” (CHF 210’000)

Dec. 2016-Nov. 2019: Desirée and Niels Yde Foundation; "Lysosome permeabilization and autophagy: new targets for treatment of pancreatic neuroendocrine tumors?" (CHF 54'000)

March 2016- Febr. 2018: SNF Marie Heim-Vögtlin career grant "Epigenetic reprogramming in the progression of pancreatic Neuro-Endocrine Tumors" (CHF 206.000)

July 2015-June 2018: Tumor Forschung Bern "Epigenetic as main drivers of pancreatic Neuro-Endocrine Tumors development" (CHF 89.000).

Co-applicant

May 2018-April 2022: KFS Grant No: KLS-4227-08-2017 "Precision medicine approaches for novel epigenetic treatment for PanNET patients."

Sept. 2014-Sept. 2017: KFS Grant No. 3360-02-2014 "Autophagy modulation in the treatment of pNETs"

Awards and Fellowship

- 2022: First Prize for Best Oral Basic Science Abstract at the 1st International NET Forum. 8-9 March Barcelona. "Epigenetic progression steps in alpha-lineage MEN1-DAXX/ATRX mutated Pancreatic Neuroendocrine Tumors (PanNET)"
- 2017: Second prize for best Oral Basic Science Abstract 14th Annual Conference of European Neuro-Endocrine Tumor Society. 8-10 March 2017 Barcelona, Spain. "3D primary cells culture: a new promising pre-clinical model for pancreatic Neuro-endocrine tumors (pNETs)."
- 2016: Second prize for best Oral Basic Science Abstract, 13th Annual Conference of European Neuro-Endocrine Tumor Society. 9-11 March 2016 Barcelona, Spain. "Epigenetic Remodelling upon DAXX and ATRX Loss in Pancreatic Neuro-Endocrine Tumors (pNETs)".
- 2015: Hakam Alhman award 2015 assigned by the European Endocrine Tumor Society for the best publication of 2014 in Neuro-Endocrine Research. *Marinoni et al. Loss of DAXX and ATRX Are Associated With Chromosome Instability and Reduced Survival of Patients With Pancreatic Neuroendocrine Tumors. Gastroenterology. 2014 Feb;146(2):453-460.*
- 2014: Third prize, Novartis-Preis of the Deutsche Gesellschaft für Pathologie 2014. *Marinoni et al. Loss of DAXX and ATRX Are Associated With Chromosome Instability and Reduced Survival of Patients With Pancreatic Neuroendocrine Tumors. Gastroenterology. 2014 Feb;146(2):453-460*
- 2014: Second prize for best Abstract in basic science, 11th Annual Conference of European Neuro-Endocrine Tumor Society. 5-7 March 2014 Barcelona, Spain. "DAXX and ATRX Loss Defines Chromosomal Instability and Poor Outcome in Pancreatic NET".
- 2004-2007 Graduate school fellowship. University of Pavia, Italy.

Invited Talks and Seminar

- 29.06.2022: ENETs Webinar "Role of molecular testing for individualizing therapy in GEP and thoracic NENs: Potential application in NEC.
- 20.05.2022: NET cancer Foundation Conference: "Patient derived tumoroids as a new tool for precision medicine in Neuroendocrine Neoplasms" Invited Talk. Virtual
- 28.04.2022: NET chatter: "Toward precision medicine in PanNET: epigenetics and patient derived tumoroids" NET Cancer Research foundation. Invite Talk. Virtual
- 16.11.2021 Translational research: present and future. Quality and Innovation at San Raffaele Pancreas Center
- 7.10.2020 Spanish group of Neuro-endocrine tumors (GETNE) XVI GETNE International Symposium, Invited Talk: Epigenomic of PanNETs

- 12-13.3.2020 Translational NET research updates. ENETs Annual Conference. Virtual meeting
- 04.11.19: 5th Quality innovation in Pancreatic disorder, San Raffaele, Milano. Invited talk: Preclinical models as a tool to personalized treatment.
- 22.09.2018: Interdisciplinary Symposium Neuroendocrine Tumors, Berlin Invited Speaker. Organoids: Neue Zielproteine und innovative Ansätze
- 29.09.2016: Spanish group of Neuro-endocrine tumors (GETNE) XII GETNE International Symposium, Invited Talk Epigenetic Dysregulation in Neuro-endocrine Tumors. Barcelona, Spain.
- 4.11.2016: Seminar, "Progression and Malignancy of pNETs: morphology meets molecular biology" University College London.