

Afsaneh Goudarzi

Born: 16-08-1985

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Professional situation

2017-Present -Assistant professor of Biochemistry at Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Education & diploma

2012-2016 *Ph D*, Biochemistry (Université Grenoble Alpes, France)

2014 *Internship* in Pr. Rafael Oliva's laboratory (Human Genetics Laboratory, Spain)

2008-2011 *M. Sc.* Biochemistry (Guilan State University, Rasht, Iran)

Honors & Awards

2019 **Grant:** National Elites Foundation

2018 **Grant:** Iran National Science Foundation (INSF)

2015-2016 **Scholarship:** Fondation Recherche ARC

2012-2015 **Scholarship:** Marie Curie Fellowship

2010 **Award:** Travel grant to attend "the 33rd annual meeting of JNS, Japan.

Research projects

2018-present Role of the metabolic-epigenetics axis in driving metabolic disorders and cancer.

Oral & poster presentations at meetings

- Biochemistry meeting (14-15th December 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran). **Dynamic competing histone H4 K5K8 acetylation and butyrylation is a hallmark of highly active gene promoters.**

- CLARA meeting (29-30th March 2016, Lyon, France). **Dynamic competing histone H4 K5K8 acetylation and butyrylation is a hallmark of highly active gene promoters.** Selected oral presentation.

- Chromatin, Transcription and Epigenetics meeting (3rd June 2015, Grenoble, France). **Brdt-dependent male genome gene expression controlled by an interplay between histone H4 acetylation and butyrylation.**

- 18th European Testis Workshop on the Molecular and Cellular Endocrinology of the Testis (13-17th May 2014, Elsinore, Denmark). **A specific CBP/p300–dependent gene expression programme drives metabolic remodelling in late stages of spermatogenesis.**
- 5th Florence-Utah International Symposium on Genetics of Male Infertility (19-21th September 2013). **Role of the histone acetyl transferases CBP and P300 during post-meiotic re-organization of the male genome.** Selected oral presentation (and poster).
- 33rd annual meeting of Japan Neuroscience Society (JNS). September 2nd to 4th 2010, Kobe, Japan. **Expression of Class II & IV HDACs during murine brain development.**

Training workshops

6th-10th July 2015, Barcelona, Spain:

Biomedical Application and Transfer of Knowledge Opportunities in Reproductive Medicine and Andrology.

31ST-4th April 2014, Marburg, Germany:

Drosophila genetics approaches;

Assisted reproduction of the mouse, genetic approaches and immunohistochemistry

3rd-7th June 2013, Barcelona, Spain:

Epigenetics;

Sperm phenotypic assessment.

Publications: ISI web of Science.