

Maryam Sanoie

Date of birth: 18 June 1985

Current Address: Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences. Tehran–Iran.

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EDUCATION

➤ **MSc. in Biochemistry**

Islamic Azad University, Science and Research Branch, Tehran, Iran (2014 – 2016)

MSc. Thesis; Study of Association between Serum Thyroglobulin Iodine Content and Urinary Iodine Status in an Iranian Population

➤ **BS. in Medical Laboratory Sciences**

Zahedan University of Medical Sciences (2008-2010)

➤ **A.S in Medical Laboratory Sciences**

AJA University of Medical Sciences (2004-2006)

SKILLS & ABILITIES

Molecular and cellular biology techniques:

DNA and RNA extraction, purification

PCR techniques (RT-PCR, ARMS, Real-Time PCR)

Electrophoresis techniques (Protein and DNA)

GC/MS based metabolomics

Metabolic assays

ELISA

SOFTWARE SKILLS

Microsoft Office, EndNote

Statistical analysis software; SPSS, Medcalc

Primer Design Soft wares; Gene runner

JOURNAL PUBLICATION

- Abooshahab R, Hooshmand K, Razavi SA, Gholami M, **Sanoie M**, Hedayati M. Plasma metabolic profiling of human thyroid nodules by gas chromatography-mass spectrometry (GC-MS)-based untargeted metabolomics. *Frontiers in Cell and Developmental Biology*. 2020; 8:385.
- Abooshahab R, Gholami M, **Sanoie M**, Azizi F, Hedayati M. Advances in metabolomics of thyroid cancer diagnosis and metabolic regulation. *Endocrine*. 2019 Apr 1:1-4.
- **Maryam Sanoie**, Mehdi Akbarzadeh, Monireh Movahedi, Mehdi Hedayati, Assessment of iodine status: urine iodine and/or serum Thyroglobulin iodine content. *Biological trace element research* (in press)

International Congress & Symposium (Published Abstracts)

- Abooshahab R, Gholami M, **Sanoie M**, Azizi F, Hedayati M Plasma metabolic profiling of human thyroid nodules by gas chromatography-mass spectrometry (GC-MS)-based untargeted metabolomics. 2nd Annual MANA conference, University of Michigan, USA, 14-16 September, 2020 online (poster Presentations).
- **Maryam Sanoie**, Monireh Movahedi, Mehdi Hedayati. The Association between Serum Thyroglobulin and Urinary Iodine Concentration in an Iranian Population. 10th International Congress of Laboratory & Clinic 3rd National Congress of Basic medical Sciences and the Knowledge- based Production 31 Jan-2 Feb 2018 (Oral presentation).
- **Maryam Sanoie**, Monireh Movahedi, Mehdi Hedayati, Thyroglobulin iodine content: Does a valuable indicator for assessing iodine status in population?. 5th & 1st International Congress on Novel & Innovative Laboratory Technologies 25-27 October 2017 (Oral presentation).
- **Maryam Sanoie**, Golbarg Kolahi , Monireh Movahedi , Mehdi Hedayati. Thyroglobulin: a replacement index for iodine deficiency Assessment. The 11th International Congress of Endocrine Disorders 2-4 November 2016 (Poster presentation).

Published Books

- Anaplastic Thyroid Cancer 2020 (Maryam Sanoie) ISBN -978-622-6121-67-5
- Fundamentals and Analytical Methodologies in Metabolomics (under Review)

Workshop, Course & Symposium

- Workshop of primary & Advanced research methodology, Research Institute of Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran; 2016.
- Workshop of scientific paper writing, Research Institute of Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran; 2017
- Workshop of Analysis of research statistical data , Research Institute of Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran; 2017
- Workshop of Principles of Real Time PCR. Pasteur Institute, Tehran, Iran; 2017
- Workshop of NMR & Spectral analysis methods. Institute of Materials and Energy (MERC), Tehran, Iran; 2018

References

Mehdi Hedayati, Ph.D.
Professor in Biochemistry,
Head, Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences
hedayati@endocrine.ac.ir