

**One postdoctoral position for the study of inherited thyroid diseases
at the laboratory of Professors Samuel Refetoff and Alexandra Dumitrescu**

Position: Postdoctoral Scholar

Deadline: 30 April 2025

Employment Start Date: September 1st, 2025

Contract Length: 24-36 months

Salary: [NIH NRSA stipend scale](#) (minimum \$61,008 with 20.9% added in fringe benefits)

City: Chicago

Country: United States

Institution: The University of Chicago

Department: Medicine

Description:

The laboratory of Professors Samuel Refetoff and Alexandra Dumitrescu at the Thyroid Study Unit of the University of Chicago has been working several decades on advancing the understanding of thyroid physiology as it relates to genetic defects. The unit team followed a translational approach, starting with the identification of genetic thyroid defects used to model animals and using *in vitro* methods, leading to the understanding and treatment of the originally identified defect.

The unit is looking for one Postdoctoral scholar excited to work at the frontiers of endocrinology to explore new pathophysiological mechanisms related to thyroid physiology. The new laboratory member will use clinical studies, mouse models, and various *in vivo* and *in vitro* experimental designs to interrogate thyroid physiology at different levels, including the pituitary, thyroid, and peripheral tissue levels. In addition, the new researcher will study at least five families with inherited thyroid diseases by determining their phenotype and genotype. You will also have the opportunity to participate in other projects and collaborate with our team. Furthermore, the laboratory members regularly present their results in local meetings as well as national and international conferences.

Candidate requirements:

The candidate should hold an MD and/or PhD in Endocrinology, Biochemistry, Genetics, Molecular Life Science, or a related area and have a strong interest in Endocrinology. Competency in handling human blood samples, fibroblasts, and mice colonies, as well as in genetic analysis, is advantageous. We expect the candidate to have experience and commitment to leading a scientific project.

Contact information:

Please send your application to the lead contact, Prof. Samuel Refetoff, at srefetof@uchicago.edu. Please include (i) a short cover letter (max. one page), (ii) your CV, and (iii) the names and contact information of two references.