

Postdoctoral Scholar Opportunity
Center for Translational Metabolism & Health (CTMH)
Institute for Public Health and Medicine (IPHAM)
Northwestern University Feinberg School of Medicine

Overview

The [Center for Translational Metabolism & Health](#) (CTMH) invites applications for a Postdoctoral Scholar to join an NIH-funded, interdisciplinary research program under [Dr. Valentin David](#) focused on the causes and consequences of disordered mineral metabolism in chronic kidney disease. The general focus of his lab is the regulation and function of the bone secreted hormone Fibroblast Growth Factor 23 (FGF23) with emphasis on iron metabolism and systemic/local inflammation.

This is a full-time, mentored postdoctoral position with an expected duration of at least two years, designed to support the scholar's transition to an independent research career in academia, industry, or government.

Training Environment

CTMH is a highly collaborative research center within Institute for Public Health and Medicine at Northwestern University Feinberg School of Medicine. The postdoc will work closely with senior investigators in a vibrant academic environment with strong institutional support for career development, publications, and grant writing.

The opportunity includes:

- Individualized mentorship from experienced NIH-funded investigators
- Opportunities for first- and co-authored publications
- Exposure to grant development and research leadership
- Collaboration across disciplines

Research Focus & Fellowship Activities

Under faculty mentorship, the Postdoctoral Scholar will:

- Contribute to the conceptual design and execution of advanced research studies, including hypothesis generation and analytic planning
- Apply and further develop expertise
- Participate in data curation, validation, and quality assurance as part of reproducible research workflows
- Interpret findings in collaboration with senior investigators and contribute to manuscripts, abstracts, and presentations
- Present research findings at lab meetings, institutional forums, and national conferences

Mentorship & Professional Development

The position is intentionally structured to support:

- Development of an independent scientific identity
- Strengthening of methodological expertise
- Growth in scientific writing, peer review, and dissemination
- Collaborative research skills across disciplines

Postdoc Scholars are encouraged to pursue complementary training opportunities across Northwestern and to engage in professional development activities aligned with their career goals.

Required Qualifications

- PhD or equivalent doctoral degree from an accredited institution in a relevant field
- Demonstrated research productivity (e.g., peer-reviewed publications, conference presentations)
- Strong interest in interdisciplinary research
- Ability to work collaboratively in a team-based academic environment

Application Instructions

Interested candidates should submit:

1. A curriculum vitae
2. A cover letter describing research interests, career goals, and relevant experience
3. Contact information for three professional references

For inquiries or to submit application materials, please contact:

Dr. Valentin David at valentin.david@northwestern.edu.

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