



**CANCER
METABOLISM
TRAINING
PROGRAM**

Postdoctoral Fellowship

Image provided by Dr. Janine Quijano

The National Cancer Institute (NCI)-funded T32 Cancer Metabolism Training Program (CMTP; T32CA221709) provides up to three years of a unique mentored learning experience focused on cutting-edge training in rigorous translational cancer metabolism research with exceptional institutional support in a thriving research environment.

The program is designed for postdoctoral fellows with analytic skills who desire rigorous, innovative training at the intersection of cancer biology and metabolism that is based on a foundation of fundamental basic science, hypothesis testing, target identification, drug development, and clinical trials. Fellows receive a competitive stipend as well as a research and childcare allowance.

Through the CMTP, fellows at City of Hope have the infrastructure and facilities to bridge the gap between cancer and metabolic disease research.

PROGRAM CO-DIRECTORS

David Ann, Ph.D.

Professor, Department of Diabetes and Metabolic Diseases

Helen & Morgan Chu Dean's Chair Professor

Dean, Irell and Manella Graduate School of Biological Sciences at Beckman Research Institute

Victoria Seewaldt, M.D.

Professor and Chair, Department of Population Science

Associate Director, Cancer Control, City of Hope Comprehensive Cancer Center

ABOUT THE PROGRAM

The CMTP T32 program will enroll six fellows per year (with at least three from underrepresented groups) and train these fellows to be leaders at the forefront of basic and translational cancer metabolism research. CMTP graduates will be poised to overcome the gap in understanding the relationship between metabolism and cancer. Under the direction of a primary mentor, co-mentor(s) and clinical partners, fellows will be immersed in a rich, didactic environment of cross-disciplinary translational research in cancer metabolism. The three thematic areas in the CMTP program are:

- Cancer Biology & Metabolism
- Cancer Immune Response & Metabolism
- Cancer Therapeutics & Metabolism

TRAINING REQUIREMENTS

Accepted CMTP fellows will complete program's specific requirements, which include:

- Perform cancer metabolism research, including presenting and publishing their work;
- Participate in journal clubs, seminars, and meetings with mentors and clinical partners;
- Complete a series of scientific and career development skill-building courses;
- Attend and present research at the annual CMTP meeting.

PROGRAM ELIGIBILITY

Prospective candidates must have a completed doctoral degree before starting the fellowship program (all Ph.D. coursework must be completed, final orals must be passed, and the dissertation signed). Candidates who are currently postdoctoral fellows must have less than two years of postdoctoral experience. Candidates must be U.S. citizens or permanent residents. The CMTP T32 program welcomes all postdoctoral fellows. However, fellows from underrepresented groups, as defined by the National Institutes of Health (NIH) diversity groups (see NOT-OD-20-031), are strongly encouraged to apply to meet NIH's mission to ensure highly talented trainees from diverse backgrounds with distinct perspectives become scientific leaders in all aspects of cancer metabolism research, from basic laboratory research to translational research.

Applications are accepted on a rolling basis. Selection criteria include: academic training, research interest in cancer metabolism, strength of commitment to an academic research career, and potential to contribute significantly to the field. Instructions and the application can be downloaded from the [City of Hope Postdoctoral Training Programs website](#).

City of Hope is proactive in fostering an equitable, inclusive and safe environment that embraces diversity and diverse perspectives. Both basic science and translational biomedical research flourish here. Fellows, students, faculty, and staff are empowered to think big and think inclusive. We promote values of scholarship, leadership, transparency and accountability in the pursuit of excellence in discovery, learning and service within a highly dynamic research environment. We believe diversity drives discovery and innovation, and we advance these guiding principles in the training of future scientific leaders. City of Hope acts in accordance with the Rehabilitation Act (Section 504) and the Americans With Disabilities Act.

FUNDING

The CMTP T32 program is funded by a grant from the National Cancer Institute (T32CA221709) and supplemented by City of Hope to provide up to three years of support, including stipend (starting from \$78,099 per year plus a full benefit package), research supplies (up to \$5,000), travel allowance (up to \$1,000), and childcare allowance.

All CMTP faculty mentors have established laboratories, resources and financial support to host and mentor CMTP fellows. Generous travel support is also provided for fellows to attend a national/international scientific meeting annually and to present their research findings.

CONTACT US

Contact us at cmtp@coh.org.



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