

POSTDOCTORAL OPPORTUNITIES IN THE TORRES-AYUSO LAB

A **postdoctoral position** is available starting immediately for a highly-motivated, enthusiastic individual in the **Torres-Ayuso lab** in the **Department of Cancer and Cellular Biology at Temple University School of Medicine, Philadelphia**.

About the lab

The Torres-Ayuso lab conducts basic and translational research to identify new therapeutic targets and mechanisms of therapy resistance in lung and head and neck cancers. We utilize a multidisciplinary approach that expands from functional genomics and chemical biology to translational studies in patient-derived xenografts. The lab has active collaborations with other investigators from Temple University and the Fox Chase Cancer Center. The Torres-Ayuso lab is committed to fostering a respectful and highly collaborative environment to support the professional development of the selected candidate.

Available postdoctoral research projects include:

- 1) Using chemical and genetic approaches to elucidate catalytic-dependent and -independent oncogenic functions of amplified protein kinases in lung and head and neck squamous cell carcinomas.
- 2) Generating protein-degrader compounds that target amplified kinases in lung squamous cell carcinoma, generating screening systems to test these degraders, and evaluating these compounds as a therapeutic approach in lung squamous cell carcinoma.
- 3) Investigating a novel mechanism of Hippo pathway regulation in lung and head and neck squamous cell carcinomas.

For additional information about our research program, please visit <https://medicine.temple.edu/pedro-torres-ayuso>.

Required Qualifications

We are looking for candidates with a Ph.D. degree (or equivalent) or close to obtaining their doctoral degree in cancer biology, molecular biology, chemical biology, or a related area. Practical experience with molecular and cellular biology techniques, as well as at least one peer-reviewed first-author publication, is required. Experience with 3D-cell cultures or animal models is desired. Applicants should possess excellent written and verbal communication skills and the ability to conduct research independently and collaboratively. A competitive stipend and a generous benefits package commensurate with experience will be provided.

Application Details

To apply, please email a copy of your curriculum vitae, a cover letter briefly describing your past research experience and future career goals, and the names/phone numbers/emails of three references to:

Dr. Pedro Torres-Ayuso, Ph.D.

Department of Cancer and Cellular Biology
Lewis Katz School of Medicine at Temple University
Philadelphia, PA 19140

Email: pedro.torres-ayuso@temple.edu

Temple University values diversity and is committed to equal opportunity for all persons regardless of age, color, disability, ethnicity, marital status, national origin, race, religion, sex, sexual orientation, veteran status, or any other status protected by law.