

## **Postdoctoral Fellow positions in Virology – Michailidis Lab (Emory University)**

Postdoctoral Fellow positions are available in the newly established Michailidis Lab at Emory University. The lab focuses on Virus-Host interactions using innovative tools including state-of-the-art targeted and whole-genome CRISPR screens, bulk and single-cell transcriptomics and a set of molecular, virological and biochemical assays across different viruses (HBV, HIV, SARS-CoV-2). The lab has also a special interest in liver-related studies including viral hepatitis, fatty-liver disease, and immunometabolism employing advanced primary human hepatocyte culture systems and humanized liver-chimeric mice. The Michailidis Lab belongs to the Laboratory of Biochemical Pharmacology at the Department of Pediatrics surrounded by a diverse group of collaborative scientists. Emory University is one of the top US academic institutions with highly impactful research programs and provides access to core facilities for both cutting-edge technologies.

Candidates must be highly motivated, well organized, technically proficient, critically minded, and able to work independently but collaboratively with others. Candidates must possess a PhD, MD, or MD/PhD with a strong background in virology or other areas relevant to our research.

### List of preferred technical skills (not all necessary)

Molecular cloning (mutagenesis, lentiviral vectors)

Cell culture (cell lines, primary cells)

Mouse experience (handling mice, tissue harvest)

Molecular biology methods (Western blot, microscopy, flow cytometry, ELISA)

Bioinformatics analysis (RNA-Seq analysis)

Protein expression/purification

Assay development (biochemical, cell-based, medium and high-throughput)

To apply, email a cover letter describing research interests and career goals, CV, and contact information for 3 references to:  
emicha7@emory.edu (Lefteris Michailidis)

See below link to the official job ad:

<https://bit.ly/3nI2O5M>

For more information about the PI and his work please see the following links:  
<https://scholar.google.com/citations?user=Gno3KH8AAAAJ&hl=en&oi=ao>

<https://www.linkedin.com/in/lefteris-michailidis-b0808425/>

<https://www.researchgate.net/profile/Elleftherios-Michailidis>