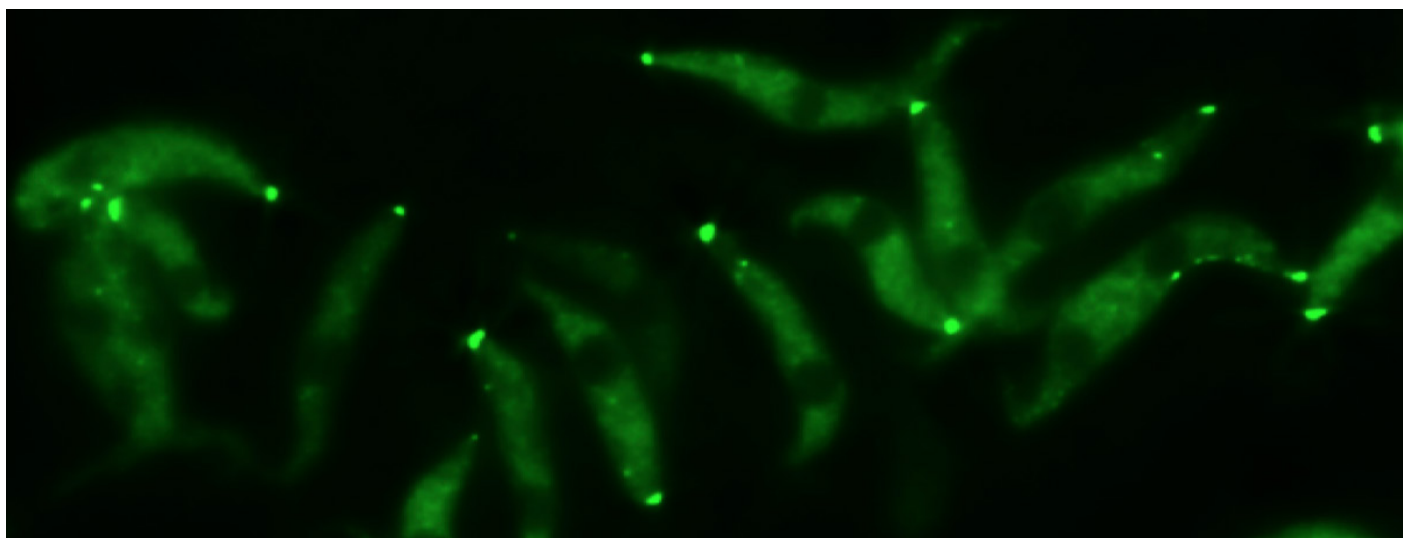




## **open PhD position: RNA biology, drug development, Trypanosomes**

Targeting a unique mRNA decapping enzyme for trypanosomatid infectious disease drug discovery, chemical biology and biotechnology applications

We have an open PhD position in the laboratory of Professor Susanne Kramer at Würzburg University. The project aims to characterise a highly unusual mRNA decapping enzyme of *Trypanosoma brucei*, the parasite that causes African sleeping sickness. The student will work in an international team that includes the laboratories of Maria Gorna at Warsaw University and of Martin Zoltner, at the Biocev in Prague. We are using leading-edge cell biology and molecular biology, including high-end microscopy techniques (e.g. expansion microscopy, electron microscopy, single molecule FISH), proximity labelling and mass spectrometry. The position is initially for three years with the possibility to extend to four years. The candidate should be highly motivated, open minded and fluent in English language. Knowledge in molecular and cellular biology techniques is of advantage, but can also be acquired during the PhD. If you are interested, please apply via email to [susanne.kramer@uni-wuerzburg.de](mailto:susanne.kramer@uni-wuerzburg.de).



more information:

**PMID: 37309887, 34162332, 30345629, 28628654**

<https://www.biozentrum.uni-wuerzburg.de/zeb/research/groups/kramer-lab/>