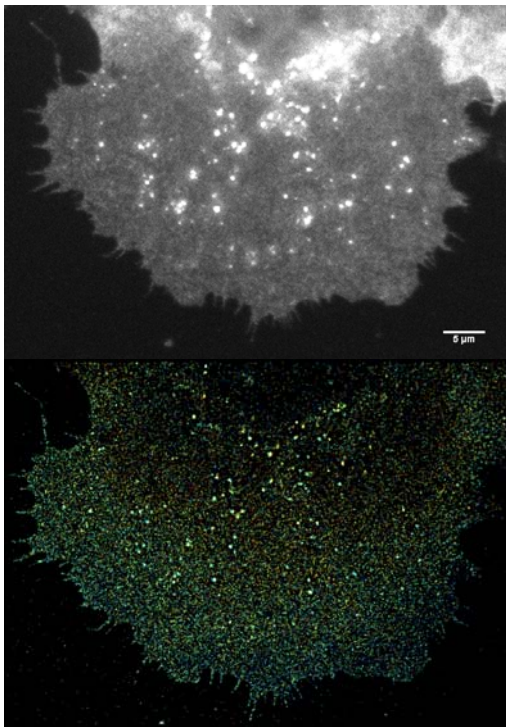




POSTDOC POSITION AVAILABLE

Superresolution Microscopy

A postdoctoral position is available in the laboratory of Dr. Guy Hagen, at the Institute of Cellular Biology and Pathology (1st Faculty of Medicine, Charles University in Prague).



Conventional (top) and 3D superresolution (bottom) images of a human A431 epithelial carcinoma cell expressing the fluorescent protein *citrine* in the plasma membrane.

Our group works on developing one of the most exciting new methods in biology: superresolution microscopy. We are using multiple approaches including PALM/STORM imaging and structured illumination.

We are actively engaged in developing these methods to push their performance in new directions. Our group is developing new instrumentation and new data analysis methods.

We are also using superresolution microscopy to study the functional organization of proteins in the plasma membrane, especially receptor tyrosine kinases which are potentially involved in cancer.

We use state of the art equipment and techniques to investigate clustering of membrane proteins, and develop new methods in superresolution microscopy. Postdocs joining our team will work with an interdisciplinary group of biophysicists, cell biologists, and mathematicians.

Interested applicants must possess good communication skills and be highly motivated. To apply, please send a curriculum vitae, a letter of interest, a summary of research experience and a letter of reference to Guy Hagen.

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