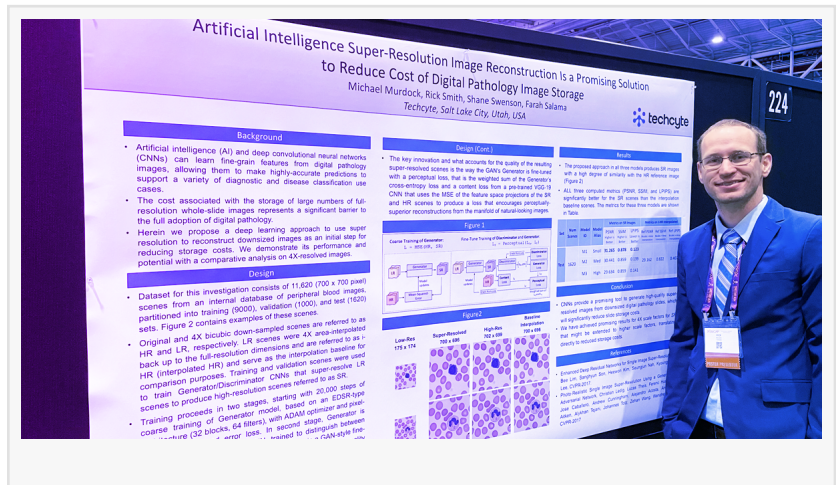


Techcyte Presents AI Super-Resolution Image Reconstruction at the USCAP 2023 Trade Show

Artificial Intelligence Super-Resolution Image Reconstruction Is a Promising Solution to Reduce Cost of Digital Pathology Image Storage

OREM, UTAH, USA, March 16, 2023

[/Einpresswire.com/](https://www.einpresswire.com/) -- [Techcyte](https://www.techcyte.com/) has developed AI super-resolution image reconstruction that provides a solution to reduce digital pathology image storage cost. Techcyte presented a poster on the subject at the United States and Canadian Academy of Pathology (USCAP) conference this week in New Orleans.



Techcyte's Clinical Pathology AI Platform uses artificial intelligence (AI) to make predictions for various diagnostic tests. This process includes digitizing slides with a whole-slide scanner and uploading the images to the Techcyte platform. However, the cost associated with storing large numbers of full-resolution whole-slide images can be significant.

"We're proposing the use of super-resolution technology to reconstruct high resolution views of images that are downsized to reduce storage costs for laboratories and hospitals," says Rick Smith, Techcyte President. "These preliminary results show promise that downsized images can provide significant cost savings without compromising clinical results."

In the poster, Techcyte performed a comparative analysis between super-resolution images and 4X up-scaled images using traditional methods to demonstrate the improved appearance of super-resolution images. The study showed that super-resolution images maintained a high degree of similarity with the original high-resolution reference images.

For additional information, you can view the poster [here](#).

###

About Techcyte

Techcyte, Inc. was founded in 2013 in Orem, Utah and is the world leader in AI-based cellular digital diagnostics. Techcyte's Clinical Pathology AI Platform uses deep machine learning to perform automated analysis of whole slide microscopy images, revolutionizing digital diagnostics for human, animal, and environmental clinics and labs.

Visit techcyte.com for more information.

Techcyte's clinical pathology platform is for Research Use Only in the United States.

Troy Bankhead

Techcyte

+1 435-229-5966

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/622588620>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.