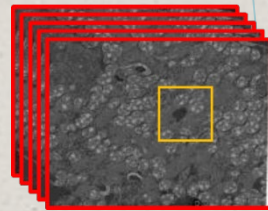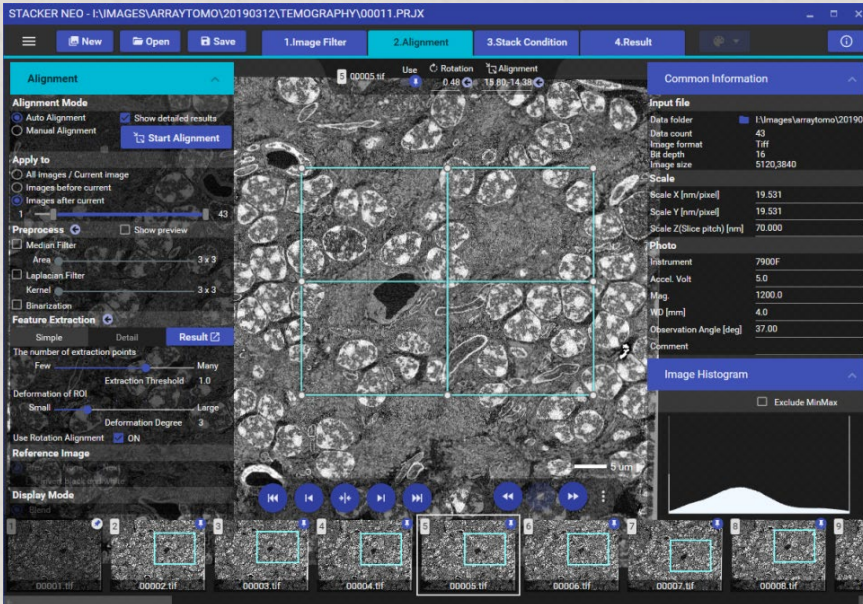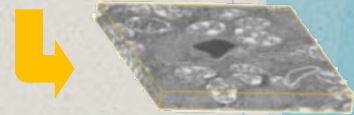# Stack N Viz

a suite of software by StackerNEO and Visualizer-evo

StackerNEO -3D Reconstruction-

StackerNEO is the application software that aligns and reconstructs the continuous cross-sectional images systematically obtained.
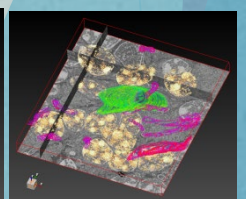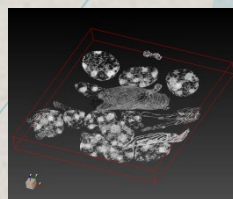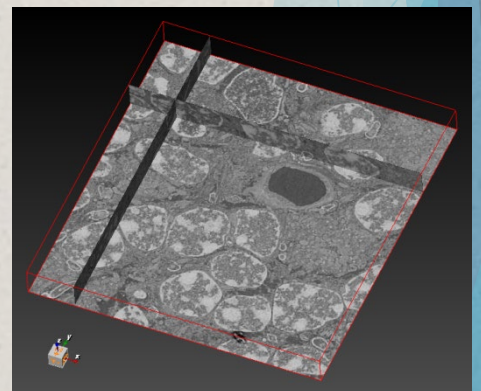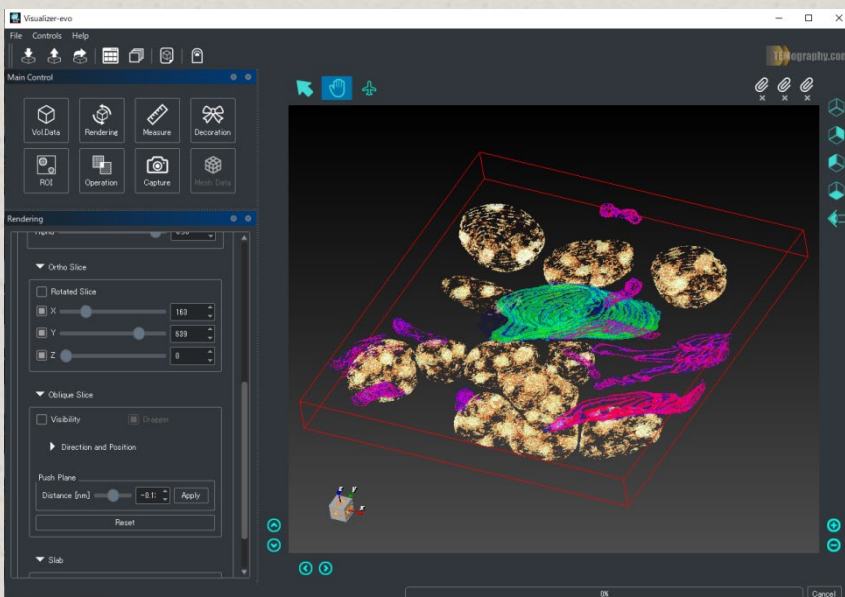

By courtesy of JEOL Ltd.

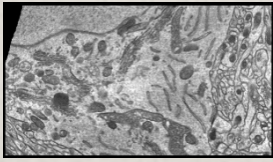### *Visualizer-evo -3D Visualization-*

Visualizer-evo includes a variety of 3D volume representation with volume rendering, multi-slicing, isosurface plotting. In addition, volume segmentation function, movie maker tools and 3D measurement options (length, angle, etc.) are available.
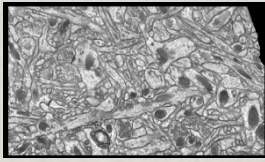

By courtesy of JEOL Ltd.

Functions of StackerNEO

- Brightness correction
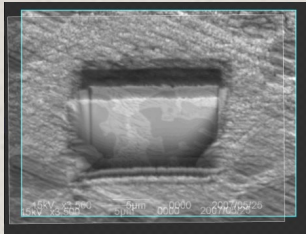A series of images can be processed at once to be similar.
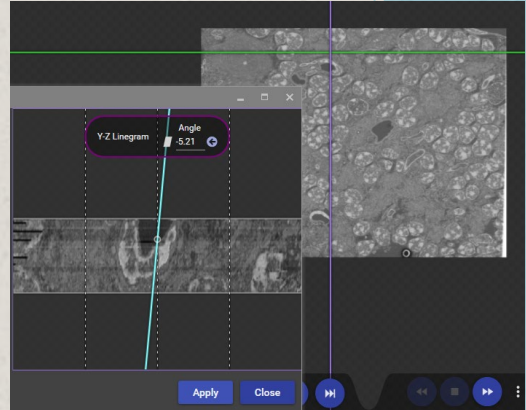
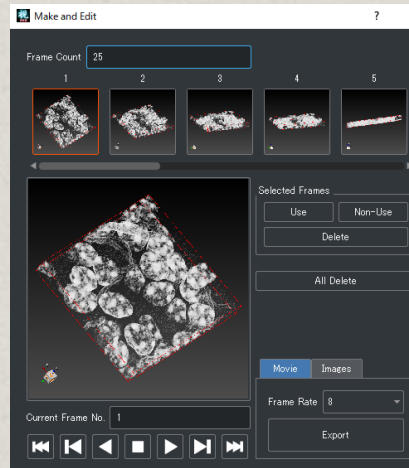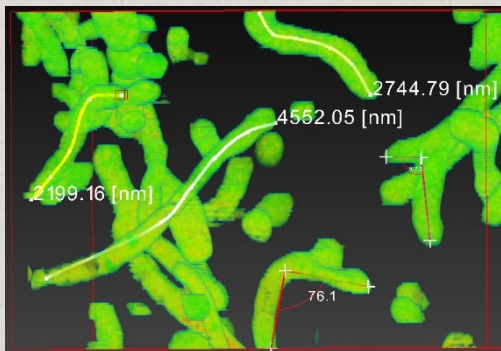

X-Z Slice

Y-Z Slice

- Manual Alignment

Optimize by intuitive manual operation with drag and drop

- Skew correction
In case of error in the alignment result (especially leaning), the LINGRAM method corrects it effectively.
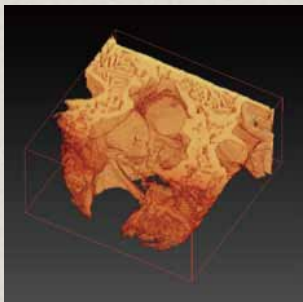

Functions of Visualizer-evo

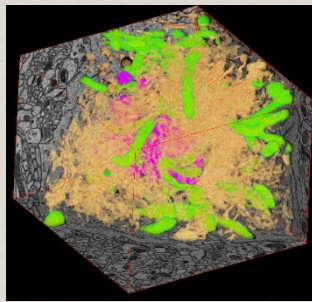Measures length & angle in a 3D image and outputs the results to a file.

A function to create and edit a movie that can record the history of all operations.

- Three types of rendering methods 'Volume Rendering' , 'Multi Slice' and 'Iso Surface'
- Enables setting of individual volume size, scale, offset & rotation angle parameters
- Volume Segmentation function enables exporting the complex volumes
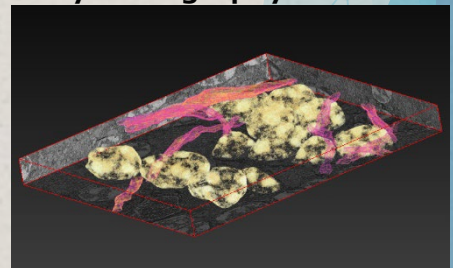- outputs as 3D printer data

Focused Ion Beam SEM

Serial Block Face SEM

By courtesy of National Institute of Physiological Sciences

Array Tomography

By courtesy of JEOL Ltd.

Specifications, design and terms of offers may change without notice.

SYSTEM IN FRONTIER INC.

Address: 2-8-3 Shinsuzuharu Bldg.4F
Akebono-cho Tachikawa-shi, Tokyo 190-0012
PH: +81-42-526-4362
Fax: +81-42-526-4370
URL: https://temography.com