

Company name Gavish Research Services Ltd * Website <https://gavish-histology.com/> *

CEO name Dr. Zohar Gavish *

CATEGORY: Biotech/Pharma *

SESSIONS • “NUTRItech” is the name of the game Nutraceuticals & Bioactive agents -
Histologic point of view Dr. Zohar Gavish, Gavish Research Services Ltd, Nes Ziona, Israel

The digestive system is the longest inner-connection with the outer world. It is divided into a spectrum of different micro-environments, each with its own demands, functions and pathologies. Any orally consumed substance will immediately effect and be affected by these different environments. Some ingredients, known as Nutraceuticals or Bioactive agents, were found to have a potential to help the body by preventing or fighting certain pathologies. By histologic screening of the various tissues along the digestive tract it is possible to visualize different aspects of these effects and by using specific markers one can trace a protein of interest and conclusions can be made regarding the various molecular pathways involved in these effects. Moreover, recent digital technologies allow high throughput analysis using artificial intelligence (AI) tools leading to fast and accurate results and conclusions.