

Background

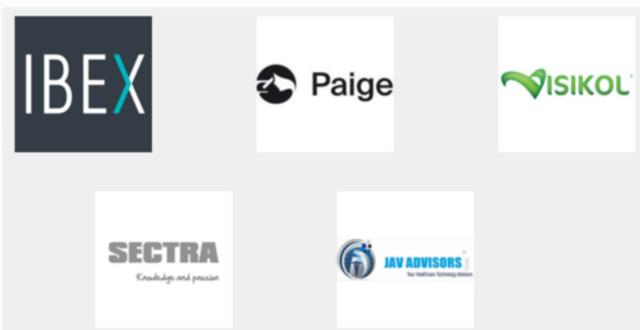
There is a growing need for pathologists, hospital executives, vendors, IT specialists, software developers and others to engage in more open communication.



Objectives

As the field of digital pathology continues to grow at a fast pace, many organizations and experts are working to move the equipment, acceptance, regulation and innovation forward in a positive direction.

With the complex integration of technology, software, hardware, medical needs and more, various experts from differing backgrounds are required to create these innovations and ideas. Often these experts and their efforts are being conducted independently of one another with little or no cross discipline discussion. As a way to bring together various ideas, thought leaders, innovators and others interested and involved in the field of digital pathology, we created a new audio podcast show called Digital Pathology Today™.



Above: These sponsors assisted in funding the first year of Digital Pathology Today™

Materials and Methods

The independent interview style show, Digital Pathology Today™ was launched in October 2020, to create a platform for the various players involved in the field of digital pathology to educate, inform, discuss and evaluate the next steps in digital pathology.



Above: The Digital Pathology Today™ website is the main portal for accessing the 35 expert interviews. The website, www.DigitalPathologyToday.com, hosts all previous episodes and is available for free.

Guests were selected based on their knowledge, experience, expertise in various areas involved with the development, implementation, use, study and history of artificial intelligence, machine learning and digital pathology. Each guest was briefed and provided advance discussion points to optimize their short time on the program. Audio-only interviews were recorded remotely, then edited and sound engineered to create maximum voice and audio quality. New episodes were released approximately the same time each week directly to the Digital Pathology Today™ website and simultaneously to all major podcast services. Guests appeared free of charge and without payment. The show is funded through the support of sponsors.

Results

The show interviewed 35 different experts on a wide range of topics, from AI and machine learning to the use of digital pathology in drug discovery and how to select a viewer/monitor for your system.



Above: Monthly download stats collected since the October 2020 launch of the podcast reveals a steady growth in audience and reach. (Source: tryca.st)

Digital Pathology Today™ received 50,000+ downloads of the first 35 episodes in just seven months. Over 87% of the listeners came directly through our website, with nearly 46,000 page views. Some of the episodes have received as many as 7,000 listens, with listeners from over 90 countries.



Above: Data collected from the podcast host service tryca.st shows that 81% of the downloads originate from within the USA.

While approximately 80% of the listeners are from the United States, there is a worldwide audience as well. This high global demand demonstrates the need for more information and discussion about digital pathology.

Conclusion

An independent, third party voice is needed in the digital pathology space to bring together different players to discuss the past, present and future of digital pathology.

Digital Pathology Today™ will continue to provide a platform for these various voices and ideas. The show has already recorded future interviews with the following experts and more:

- | | |
|----------------------|-------------------------------|
| Dr. Jonhan Ho; | Craig Rhodes; |
| John Waller, PhD; | Coleman Stavish; |
| David Tulman, PhD; | Michael Quick; |
| Esther Abels; | John Wirthlin; |
| Gideon Ho, PhD; | Angelique Levi, MD; |
| Louis Culot; | Sudhir Perincheri, PhD, MBBS; |
| Katie Olson; | Colin White, PhD; |
| Brian Jackson ,MD; | Frank Gannon MD; |
| Gabe Siegel; | Mike Valante; |
| Hillel Kahane, MD; | Brandon Suh,MD; |
| Kafir Patel, PhD; | Dr. Kevin Sandeman; |
| Hamid Tizhoosh, PhD; | Beatrice Knudsen, MD, PhD; |
| Rish Pai, MD, PhD; | Dan Regelman, PhD; |
| Hannah Gilmore, MD; | Elizabeth Neyes, DVM, DABT; |
| Dr. David Harrison; | Anant Madabhushi, PhD; |
| Dr. Gareth Bryson; | Michael Feldman, MD, PhD; |
| Richard H. Lash, MD; | COL Joel Moncur, MD, PhD; |
| Jonathan Daniels; | Keith Wharton,MD, PhD; |
| Ori Zelichov, MD; | Yves Sucaret, PhD; |

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Website



Poster