

# INVICRO DAYS SPEAKER LINEUP

October 4-7, 2021 (All Times EDT)

Invicro  
Days  
2021

## Monday, October 4: Oncology Day

- 9:30 AM**      **The Use of Radiation Dosimetry to Optimize Radiopharmaceutical Therapy**  
*Speaker: Joseph O'Donoghue, Ph.D. | Attending Physicist, Memorial Sloan Kettering Cancer Center*
- 11:00 AM**      **Multi-purpose *in vivo* Imaging in Intracranial Tumor Models to Support Clinical Translation in Neuro-oncology**  
*Speakers: Anderson Clark, Ph.D. | Director of in vivo Pharmacology, EMD Serono Research & Development Institute*  
*Patrick McConville, Ph.D. | Vice President, Non-clinical Research Services, Invicro*
- 12:30 PM**      **Imaging Lessons from the VISION Trial**  
*Speaker: Phillip Kuo, M.D., Ph.D. | Senior Medical Director, Invicro*
- 3:30 PM**      **PET Immune Imaging in Drug Development, from Bench to Bedside Application, with Decision Making Capabilities**  
*Speaker: Kevin Maresca, Ph.D. | Senior Director and Head of PET & Molecular Imaging, Pfizer*

## Tuesday, October 5: CNS Day

- 9:30 AM**      **Roundtable: The Future of Imaging Biomarkers in Alzheimer's Disease Clinical Trials**  
*Moderator: Roger Gunn, Ph.D. | Chief Scientific Officer, Neuroscience, Invicro*  
*Panelists: John Beaver, Ph.D. | Vice President & Head of Biomarkers, Imaging, Bioanalytical Sciences, Translational Pathology and Diagnostic Pathways, Biogen*  
*Susan De Santi, Ph.D. | Executive Director, Global Medical Affairs, Patient Journey, Neurology Business Group, Eisai, Inc.*  
*Gregory Klein, Ph.D. | Senior Principal Scientist & Head of Clinical Imaging Biomarkers & Translational Technology, Neuroscience & Rare Diseases, Roche*  
*Kenneth Marek, M.D. | Distinguished Scientist, Invicro*
- 11:00 AM**      **From Lumbar Puncture to Brain Parenchyma: Obstacles to Efficient and Repeatable Intrathecal Drug Administration**  
*Speaker: Howard Dobson, DV.Sc | Senior Director, Discovery and Preclinical Services, Invicro*

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- 12:30 PM**      **Imaging Mitochondrial-ER-Synapse Dysfunction in Neurodegeneration – The MIND MAPS Programme**  
*Speaker: Eugenii (Ilan) Rabiner, M.D. | Executive Vice President of Translational Applications, Invicro*
- 2:00 PM**      **New Outcomes, Old Measures; New Measures, Old Outcomes: Integrative Strategies for Optimizing Biomarkers in Clinical Trials of Neurodegenerative Disease**  
*Speaker: John Seibyl, M.D. | Distinguished Scientist, Invicro*
- 3:30 PM**      **Understanding the Intricacies of Fluorine-18 and Carbon-11 for Radiolabeling Success**  
*Speakers: Vince Carroll, Ph.D. | Senior Director of Chemistry, Invicro*  
*Christophe Plisson, Ph.D. | Head of Preclinical Sciences, Invicro*

## Wednesday, October 6: Integrated Diagnostics Day

- 9:00 AM**      **REALM IDx, Inc. Imaging Genomics Initiatives**  
*Speaker: Jacob Hesterman, Ph.D. | Founding Partner and Chief Technology Officer, Invicro*
- 11:00 AM**      **Roundtable: Implementing Integrated Diagnostics: Are We Ready?**  
*Moderator: Kenneth Bloom, M.D., FCAP | Chief Medical Officer, Advanced Pathology and Genomic Services, Invicro*  
  
*Panelists: Eslie Dennis, M.D., MBChB, FCP(SA) | Senior Vice President, Chief Medical Officer and Head of North America Medical Affairs, Kyowa Kirin, Inc.*  
*Michael D. Feldman, M.D., Ph.D. | Professor, Pathology & Laboratory Medicine, Vice Chair of Clinical Services, Medical Director Pathology Informatics, Director Tumor Tissue Bank, University of Pennsylvania School of Medicine*  
*Phillip Kuo, M.D., Ph.D. | Senior Medical Director, Invicro*
- 1:00 PM**      **Building a Data Workbench for Analytics and AI/ML leveraging Amazon Web Services- Managed Services**  
*Speaker: Anand Iyer | Principal Solutions Architect, Amazon Web Services*

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**2:00 PM**      **Quantitative Diagnostics in Anatomic Pathology**  
*Speaker: David Rimm, M.D., Ph.D. | Professor of Pathology and Medicine (Medical Oncology); Director of Pathology Tissue Services, Yale University School of Medicine*

**3:30 PM**      **LATTICE™ - A Multi-Modal Data Platform for Integrated Diagnostics**  
*Speaker: Gerhard Engel, Ph.D. | Vice President of Software, Invicro*

## Thursday, October 7: Data Science Day

**9:00 AM**      **Deep Quantitative Super-resolution for Integrative Studies of Neurodegenerative Disease**  
*Speaker: Brian Avants, Ph.D. | Senior Director of Machine Learning, Invicro*

**10:30 AM**      **iPACS® and VivoQuant™ 2021 Enhancements**  
*Speakers: Yannick Cadoret | Senior Software Engineer, Invicro  
Charmaine Liang | Director of Product Management, Invicro  
Jonathan Pechan | Senior Product Manager II, Invicro*

**12:00 PM**      **Advanced Metrics and Modeling with Volumetric CT for Precision Analysis of Clinical Trial Results**  
*Speaker: Larry Schwartz, M.D. | Radiologist, Columbia Vagelos College of Physicians and Surgeons*

**3:00 PM**      **Automated Human Phenotype Ontology Terms Matching Using a Word2Vec Model Embedding**  
*Speaker: Hamed Masnadi-Shirazi, Ph.D. | Principal Bioinformatics Scientist, Ambry Genetics*

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Please, visit [www.invicrodays.com](http://www.invicrodays.com) for more details.