Poster Presentations 2017

Abstract #1 – Desert Medical Imaging
Title: *Clinical Implications of Outpatient, Transrectal, MRI-Guided Laser Focal Therapy of Localized Prostate Cancer in a Low Genomic Risk, HIV Positive Patient: A Case Study*
Authors: Bernadette Greenwood, BSc, PG Cert., RT(R)(MR)(ARRT)

Abstract #2 – Desert Medical Imaging
Title: *In-bore MR-guided biopsy tissue genomics and focal therapy: Small series conclusions*
Authors: Bernadette Greenwood, BSc, PG Cert., RT(R)(MR)(ARRT), John F. Feller, MD, Rob Toth, PhD

Abstract #3 – Armune Biosciences
Title: *A Novel Serum Based Multiplexed 21 Autoantibody Assay to Predict High-grade Prostate Cancer at Initial Biopsy*
Authors: Stephen J Freedland, Cedars-Sinai Medical Hospital, Lauren E. Howard, Duke University, Sharat Singh, PhD, Armune Bioscience, Kristopher Kapphahn, Armune Bioscience, Heng Yu, PhD, MagArray Inc, Alice Juang, MagArray Inc., Atsushi Hattori, IMRA America Inc., Masayuki Ito, IMRA America Inc, Jason Hafron, MD, Michigan Institute of Urology

Abstract #4 - Armune Biosciences
Title: *Clinical Use of Apifiny® a Novel Serum Based Prostate Cancer Risk Assessment Multiplexed Autoantibody Assay*
Authors: Jason Hafron, MD, Michigan Institute of Urology, Jeanne Ohrnberger, PhD, Armune Bioscience, Jim Arthurs, Armune Biosciene, Kenneth M. Kernen, MD, Michigan Institute of Urology, Lauren E. Howard, Duke University, Stephen J Freedland, Cedars-Sinai Medical Hospital, Gregory G. Allen, Jr., D.O. University Medical Group.

Abstract #5 - Armune Biosciences
Title: *The Use of a Novel Autoantibody Test (Apifiny®) to Determine the Risk of Prostate Cancer by Community Physicians: Allowing Prostate Cancer Screening without PSA*
Authors Jason Hafron, MD, Michigan Institute of Urology, Jeanne Ohrnberger, PhD, Armune Bioscience, Sharat Singh, PhD, Armune Bioscience, Lauren E. Howard, Duke University, Stephen J Freedland, Cedars-Sinai Medical Hospital, Gregory G. Allen, Jr., D.O. University Medical Group

Abstract #6 - Armune Biosciences
Title: *Development of a Novel Magneto-Sensing (MagArray) Autoantibody Assay To Detect High-Grade Prostate Cancer*
Authors: Jason Hafron, MD, Michigan Institute of Urology, PC, Sharat Singh, PhD, Armune Biosciences, Heng Yu, PhD, MagArray Inc, Alice Juang, MagArray Inc., Atsushi Hattori, IMRA America Inc., Masayuki Ito, IMRA America Inc., Lauren E. Howard, Duke Univeristy, Stephen J. Freedland, Cedars-Sinai Medical Center

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Abstract #7 - Armune Biosciences
Title: *Can Apifiny a Novel Immune Based Blood Test Better Determine High Grade Prostate Cancer Risk in Men with an Elevated PSA and a Previous Negative Biopsy? Initial Clinical Results*
Authors: Jason Hafron*, West Bloomfield, MI, Preston Kerr, Rochester, MI, Chirag Dave, Royal Oak , MI, Gregory Oldford, Kenneth Kernen, J. Rene Frontera, Brian Seifman, Richard Sarle, West Bloomfield, MI

Abstract #8 - Armune Biosciences
Title: *A Novel Serum Based Magneto-Sensing Autoantibody Assay to Predict High-grade Prostate Cancer at Biopsy*
Authors: Stephen J Freedland, Cedars-Sinai Medical Hospital, Sharat Singh, PhD, Armune Bioscience, Kristopher Kapphahn, Armune Bioscience, Lauren E. Howard, Duke University, Jeanne Ohrnberger, PhD, Armune Bioscience, Jason Hafron, MD, Michigan Institute of Urology

Abstract #9 - Armune Biosciences
Title: *Can A Novel Serum based Magneto-Sensing Autoantibody Assay Predict High-grade Prostate Cancer at Biopsy in Patients with PSA less than 4 ng/ml*
Authors: Amanda Fish, MBA, CPHQ
Authors: Stephen J Freedland, Cedars-Sinai Medical Hospital, Lauren E. Howard, Duke University, Sharat Singh, PhD, Armune Bioscience, Kristopher Kapphahn, Armune Bioscience, Heng Yu, PhD, MagArray Inc, Alice Juang, MagArray Inc., Atsushi Hattori, IMRA America Inc., Masayuki Ito, IMRA America Inc, Jason Hafron, MD, Michigan Institute of Urology

Abstract #10 – Emory University
Title: *Quality of Life after MRI-Guided Laser Ablation of Localized Prostate Cancer: A One-Year Follow Up*
Authors: Kareem Elfatairy, Visiting Scholar, Emory School of Medicine, Sherif Nour, MD, Associate Professor, Department of Radiology, Emory School of Medicine, Christopher P. Filson, Debra W. Overby

Abstract #11 – Oschner Clinic/Myriad Genetics
Title: *Evaluating the Prognostic Utility of the CCP Score for Predicting Prostate Cancer Aggressiveness in African American Men*
Authors: Dr. Stephen Bardot, MD, Chairman, Department of Urology, Ochsner Medical Center

Abstract #12 – Minomic International
Title: *Evaluation of the MiCheck® MIA test performance in differentiating aggressive from non-aggressive prostate cancer – the MiCheck-01 prospective trial*
Authors: Neal D. Shore, CUSP Clinical Research Consortium, Christopher M. Pieczonka, CUSP Clinical Research Consortium, R. Jonathan Henderson, CUSP Clinical Research Consortium, James L. Bailen, CUSP Clinical Research Consortium, Jennifer Beebe-Dimmer, Barbara Ann Karmanos Cancer Institute and Wayne State University School of Medicine Department of Oncology, Julie J. Ruterbusch, Barbara Ann Karmanos Cancer Institute and Wayne State University School of Medicine Department of Oncology, Daniel R. Saltzstein, CUSP Clinical Research Consortium, Raoul S. Concepcion, CUSP Clinical Research Consortium, Robert Borotkanics, Auckland University of Technology, Rachen Levin, Minomic International Ltd., Sandra Wissmueller, Minomic International Ltd., Douglas H. Campbell, Minomic International Ltd., Bradley J. Walsh, Minomic International Ltd.

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Abstract #13 – Blue Earth Diagnostics
Title: *Impact of 18F-fluciclovine PET/CT on clinical management of patients with recurrent prostate cancer: results from the Phase III FALCON trial*
Authors: E.J. Teoh, Departments of Radiology and Nuclear Medicine, Oxford University Hospitals NHS Trust, D. Bottomley, The Leeds Teaching Hospitals NHS Trust, A. Scarsbrook, The Leeds Teaching Hospitals NHS Trust, H. Payne, University College London, A. Afaq, University College London, J. Bomanji, University College London, N. van As, The Royal Marsden NHS Foundation Trust, S. Chua, The Royal Marsden NHS Foundation Trust, P. Hoskin, Mount Vernon Cancer Centre, A. Chambers, Mount Vernon Cancer Centre, G.J. Cook, King's College London, V.S. Warbey, King's College London, A. Chau, Blue Earth Diagnostics Ltd., P. Ward, Blue Earth Diagnostics Ltd., M.P. Miller, Blue Earth Diagnostics Ltd., D.J. Stevens, Blue Earth Diagnostics Ltd., L. Wilson, Blue Earth Diagnostics Ltd., F.V. Gleeson, Departments of Radiology and Nuclear Medicine, Oxford University Hospitals NHS Trust

Abstract #14 – Brigham and Women's Hospital
Title: *Multiparametric Magnetic Resonance Imaging of the Prostate: Repeatability of Volume and Apparent Diffusion Coefficient Quantification*
Authors: Andriy Fedorov, PhD, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Mark G. Vangel, PhD, MA General Hospital, Harvard Medical School, Claire M. Tempany, Brigham and Women's Hospital, Fiona Fennessy, MD, PhD, Brigham and Women's Hospital, Dana-Farber Cancer Institute

Abstract #15 - Brigham and Women's Hospital
Title: *A Novel Automated technique to Improve MR-guided Prostate Biopsy*
Authors: Alireza Ziaei Torbati, MD, Research Fellow in Radiology, Brigham and Women's Hospital, Alireza Mehrtash, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, University of British Columbia, Mehdi Taghipour, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Mohsen Ghadoorian, Univeristy of Nijmegen, Guillaume Pernelle, Imperial College London, Andre Mastmeyer, Univeristy of Lubeck, Anneke Meyer, Otto-von-Geuricke Univeristy of Magdeburg, Chrisitian Hansen, Otto-von-Geuricke Univeristy of Magdeburg, William Wells III, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Purang Abolmaesumi, University of British Columbia, Ron Kikinis, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Fiona Fennessy, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Imaging Department, Dana-Farber Cancer Institute, Steve Piepper, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Andriy Fedorov, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Tokuda Junichi, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Kemal Tuncali, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Claie Tempany, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital, Tina Kapur, Department of Radiology, Harvard Medical School, Brigham and Women's Hospital

Abstract #16 - Brigham and Women's Hospital
Title: *SliceTracker: An Open source 3D extension for supporting transperineal in-bore MRI-guided targeted prostate biopsy*
Authors: Christian Herz, Research Associate, Brigham and Women's Hospital/Harvard Medical School, Kyle MacNeil, Peter Behringer, Kemal Tuncali, Clare Tempany, Andriy Fedorov, Brigham and Women's Hospital, Harvard Medical School, Harvary University

Abstract #17 - **Brigham and Women's Hospital**
Title: *Phantoms for needle placement accuracy study to validate in-bore transperineal MRI-guided intervention device*
Authors: Nobuhiko Hata, PhD, Department of Radiology, Brigham and Women's Hospital, Usha Govindarajulu, PhD, Department of Epidemiology and Biostatistics, SUNY Downstate Medical Center Phill Marathakis, BE, Harmonus, Inc.,

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Abstract #18 – Louisiana State University
Title*: High-resolution prostate imaging with an endorectal x-ray sensor*
Authors: Joe Steiner, PhD Student, Medical Physics Department, Kenneith Matthews II, Louisian State University, Guang Jia, Louisiana State University, Xidian University

Abstract #19 – Yale Univeristy
Title: *Outcomes of Serial MRI/Ultrasound Fusion Biopsy in Men with Very Low-Risk and Low-Risk Prostate Cancer Managed with Active Surveillance*
Authors: Walter Hsiang BS, Kamyar Ghabili MD, Jamil Syed MD, Kevin Nguyen MS, Alfredo Suarez−Sarmiento MD, Michael Leapman MD, Preston Sprenkle MD

Abstract #20 – Yale University
Title: *Association of systematic biopsy vs. Magnetic reosnance-Imaging/ultrasound fusion targeted biopsy with prostate cancer upstaging at radiacal prostatectomy*
Authors: Kamyar Ghabili Amirkhiz, MD, Alfredo Suarez-Sarmiento, MD, Kevin A. Nguyen, MS, Walter Hsiang, BS, Sarah Amalraj, BS, Jamil S. Syed, MD, Michael S. Leapman, MD, Peter G. Schulam, MD, PhD, Preston C. Sprenkle, MD

Abstract #21 – Yale Univeristy
Title: *Pathologic Characteristics Of Magnetic Resonance Imaging/Ultrasound Fusion Targeted Biopsy Vs. Systematic Biopsy Associated With Adverse Pathology At Radical Prostatectomy*
Authors: Kamyar Ghabili Amirkhiz, MD*, Alfredo Suarez-Sarmiento, MD, Kevin A. Nguyen, MS, Sarah Amalraj, BS, Jamil S. Syed, MD, Peter G. Schulam, MD, PhD, Preston C. Sprenkle, MD

Abstract #22 – Andros Clinic, Holland
Title: *Precision Diagnosis of Prostate cancer with Transperineal MRI-TRUS Fusion Biopsy Technique under Local Anesthesia*
Authors: Jos Immerzeel, MD, Radiation Oncologist and Franz M.J. Debruyne, PhD, Urologist

Abstract #23 - Siemens
Title: *The Role of Biomarkers in Prostate Cancer Management*
Authors: Monet Sayegh, Senior Medical/Clinical Consultant

Abstract #24 – Univeristy of British Columbia
Title: *Prostate Cancer Detection Using Temporal Enhanced Ultrasound*
Authors: Shekoofeh Azizi, The University of British Columbia, Sharareh Bayat, The University of British Columbia, Pingkun Yan, Rensselaer Polytechnic Institute, Amir Tahmasebi, Philips Research North America, Jin Tae Kwak, Sejong Univeristy, Sheng Xu, National Health Institute, Baris Turkbey, National Health Institute, Peter Choyke, National Health Institute, Peter Pinto, National Health Institute, Bradford Wood, National Health Institute, Parvin Mousavi, Queen's Univeristy, Purang Abolmaesumi, The University of British Columbia

Abstract #25 – School of Computing, Queen's University, Canada
Title: *A Deep Learning Model for Detection of PCa in Cores with Noisy Labels*
Authors: Alireza Sedghi, Queens's University, Sekoofeh Azizi, The Univeristy of British Columbia, Pingkun Yan, Rensselaer Polytechnic Insititue, Amir Tahmasebi, Phillips Research North America, Jin Tae Kwak, Sejong University, Sheng Xu, National Institute of Health, Baris Turkbey, National Institute of Health, Peter Choyke, National Institute of Health, Peter Pinto, National Institute of Health, Bradford Wood, National Institute of Health, Purang Abolmaesumi, The University of British Columbia, Parvin Mousavi, Queen's University

Abstract #26 – Nijmegen Medical Center
Title: *The role of multiparametric Magnetic Resonance Imaging (mpMRI) in active surveillance of men with low-risk prostate cancer: a cost-effectiveness modeling study.*
Authors: Jurgen Futterer, Interventional Radiologist, Nijmegen Medical Center and Professor, University of Twente, The Netherlands, Sejal Patel, Maroeska Rovers, Artem Botyenkov, Jan Rongen