

## QIBA CT Volumetry Biomarker Ctte (BC) Call

07 March 2016 at 11 AM CT

Draft Call Summary

### In attendance:

Gregory Goldmacher, MD, PhD, MBA (Co-Chair)

Jenifer Siegelman, MD, MPH (Co-Chair)

Samuel G. Armato III, PhD

Maria Athelougou, PhD (Chair, 3A)

Hubert Beaumont, PhD

Andrew Buckler, MS

Heang-Ping Chan, PhD

Vadivel Devaraju, PhD

Charles Fenimore, PhD

Marios Gavrielides, PhD

Lubomir Hadjiiski, PhD

Rudresh Jarecha, MBBS

Nancy Obuchowski, PhD

Michael O'Connor, PhD

Kevin O'Donnell, MASc

Eric S. Perlman, MD

Nicholas Petrick, PhD

Marthony Robins, PhD

Berkman Sahiner, PhD

Ying Tang, PhD

### RSNA:

Joe Koudelik

Julie Lisiecki

### Announcements / Thank You

- Dr. Goldmacher announced that Dr. Armato was stepping down as co-chair of the CT Volumetry BC, and thanked him for his time and efforts
- Dr. Goldmacher also announced that Dr. Ehsan Samei (Duke University) had agreed to be the next 3<sup>rd</sup> co-chair

### Project Announcements

- Call for abstracts for RSNA 2016 – Deadline is **Wednesday, April 13<sup>th</sup> by noon CT**
- Call for next round of funded project proposals – **due to [qiba@rsna.org](mailto:qiba@rsna.org) by April 15<sup>th</sup>**
  - High-level topic ideas may be sent to: [gregory.goldmacher@merck.com](mailto:gregory.goldmacher@merck.com); [jen.siegelman@gmail.com](mailto:jen.siegelman@gmail.com); [ehsan.samei@duke.edu](mailto:ehsan.samei@duke.edu)
  - Cross-modality applications are encouraged

### State of the Profile (Mr. O'Donnell)

- Work continues on the Profile; Mr. O'Donnell to provide status updates on the 3/21 call
  - Completion of the Profile is anticipated by the beginning of April 2016
  - The latest version has been posted to the [QIBA wiki](#)
  - Consensus is desired regarding what numbers to use for the Profile
  - All are asked to review recent edits and provide input, thus closing any open issues

### Future Directions – continuing discussion

- Group to consider writing a document that summarizes the “current state of the state” of biomarkers for texture analysis within CT Volumetry
- Possible formation of task forces to pursue literature review for potential biomarkers with clinical correlation
  - All are asked to email Dr. Siegelman with their recommended CT-based biomarker prior to the next call on 3/21: [jen.siegelman@gmail.com](mailto:jen.siegelman@gmail.com)
- Dr. Beaumont suggested a new approach from an image processing perspective
- Dr. Athelougou provided ideas for using algorithms
- Dr. Gavrielides suggested looking more closely at radiomics

**Action items:** Mr. O'Donnell to continue updating the Profile for BC comment and review

**Next Call:** Monday, March 21<sup>st</sup> at 11 am CT | 2016 planning and review of the Profile and Next Steps