

QIBA CT Volumetry Biomarker Ctte (BC) Call

22 February 2016 at 11 AM CT

Draft Call Summary

In attendance:

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

Jenifer Siegelman, MD, MPH (Co-Chair)

Andrew Buckler, MS

Charles Fenimore, PhD

David Gustafson, PhD

Lubomir Hadjiiski, PhD

Rudresh Jarecha, MBBS

Bernd Kümmerlen, Dipl Phys

Nancy Obuchowski, PhD

Michael O'Connor, PhD

Kevin O'Donnell, MASC

Nicholas Petrick, PhD

Marthony Robins, PhD

Berkman Sahiner, PhD

Ehsan Samei, PhD

Ying Tang, PhD

Pierre Tervé, MS

RSNA:

Julie Lisiecki

Susan Weinmann

Announcements

- Call for abstracts for RSNA 2016 – Deadline is **Wednesday, April 13th by noon CT**
- Call for next round of funded project proposals – **due to RSNA Staff by April 15th**
- High level topics for projects may be sent to CT Vol BC leadership for consideration: s-armato@uchicago.edu; gregory.goldmacher@merck.com; jen.siegelman@gmail.com
 - Cross-modality applications are encouraged

Value of QIBA Results

- Dr. Goldmacher provided an update regarding committee member suggestions for new biomarkers that could be pursued under the CT Volumetry umbrella
- This topic will be addressed in greater detail on upcoming calls

Project Suggestions

- Dr. Jarecha suggested building a platform for multi-software analysis of the previously funded inserted lesion dataset (Dr Samei's) group.
- Other ideas included:
 1. A new Biomarker Committee on Emerging CT Biomarkers
 2. CT Volumetry Density
 3. Separate Task Forces for the following:
 - Dual Energy CT Imaging (DECT)
 - Tissue Material Characterization
 - Image Texture Analysis

State of the Profile (Mr. O'Donnell)

- Work continues on the Profile; Mr. O'Donnell to provide status updates on the next call, 2/29
 - Mr. O'Donnell to confer with Dr. Boedeker for her input prior to 2/29 WebEx

Action items:

- Mr. O'Donnell to continue updating the Profile for BC comment and review
- Dr. Obuchowski to submit statistical data for Table 1
 - Plan for call on 3/7 to invite stakeholders to better understand goals of the Profile and value of QIBA

Next Call: Monday, Feb. 29 at 11 am CT | 2016 planning and review of the Profile and Next Steps