

QIBA PET Tau Biomarker Committee (BC)

Friday, February 10, 2023, at 9 am CT

Call Summary

In attendance

Tammie Benzinger, MD, PhD (co-chair)
 Dawn Matthews, MS, MBA (co-chair)
 Will Bullhorn, MBA
 Tobey James Betthausen, PhD, MS
 Santi Bullich, PhD
 Charlie Chen, PhD candidate
 Jeffrey L. Evelhoch, PhD

Rachid Fahmi, MSc, PhD
 Norman Foster, MD
 Leonardo Iaccarino, PhD
 Gregory Klein, PhD
 Richard Margolin, MD
 Satoshi Minoshima, MD, PhD
 Nancy Obuchowski, PhD

Ashwin Parihar, MBBS, MD
 Sandra Sanabria Bohorquez, PhD
 Joanna Shuping, BS
 Ralph (Adam) Smith, PhD, MBA
 Jean-Luc Vanderheyden, PhD
 Gudrun Zahlmann, PhD

RSNA Staff

Joe Koudelik
 Julie Lisiecki

Moderator: Dr. Benzinger

Dropbox:

- A separate Dropbox will be created for the **Acquisition Task Force** to save imaging protocols
 - If a protocol is confidential, vendors are asked to extract imaging detail suitable to share
 - All acquisition protocols welcome, from Task Force members and beyond
 - Please let us know if you do not wish to share with the group

Task Force Updates:

- All tracers that are being considered by CPAD will be reviewed
- Need additional test-retest data
- The three Task Forces are:
 - 1) **Acquisition:** Adapt acquisition recommendations to tau
 - 2) **Claim:** Test-retest and longitudinal literature or de novo analyses
 - 3) **Measurement/analysis:** methods to address meningeal uptake AND other off-target binding
- Each task force will identify a lead person and meet before the next group meeting on March 10th
- Dr. Benzinger and Ms. Matthews to review / clarify Task Force members for adequate representation
- Task Force meetings to occur over the next two months
- Task Forces will meet during the March 10th call and will report back to the group on the April 14th call

Task Force Members:

Acquisition TF - 1	Claim TF - 2	Measurement / Analysis TF - 3
Acquisition: Adapt acquisition recommendations to tau	Claim: Test-retest and longitudinal literature or de novo analyses	Measurement/analysis: methods to address meningeal uptake AND other off-target binding
Benzinger (TF lead)	Matthews, Chen (TF leads)	Benzinger, Chen (TF leads)
Betthausen	Betthausen	Betthausen (?)
Boyko	Bullich	Bullich
Bullich	Boyko	Boyko
Cole	Cole	Cole
Ferreira	Foster	Fahmi
Lammertsma	Iaccarino	Klein
Wong	Klein	Lammertsma
	Lammertsma	Sanabria Bohorquez
	Margolin	Seibyl
	Ngum	Vanderheyden
	Obuchowski	Wong
	Sanabria Bohorquez	
	Seibyl	
	Wong	

HAI Report (Dr. Betthausen):

- Theme categories included: clinical, technical, neuropathy, and biofluids (new this year)
- Preliminary findings of Tau tracer standardization using common ROIs found to fit well within the QIBA initiatives
- Use cases, such as diagnosis and longitudinal change, rely on tracer agreement
- Extensive notes can be obtained from Dr. Betthausen ([link to recording](#)) Passcode: &?V@X71M

Action items:

- Dr. Benzinger and Ms. Matthews to review Task Force member lists for adequate representation
- Re: data sources, labels, acquisition protocols:
 - Dr. Benzinger to identify clinical needs/gaps in efforts to develop scope and keywords for the literature review process
 - Dr. Iaccarino will report back findings from CPAD and will check with Avid about flortaucipir
 - Dr. Margolin will contribute to APN1607 related aim
- **Link to [task force sign-up sheet](#)** (3 Task Forces – form #2)

Action items (some ongoing):

- [Dr. Boyko](#) to check with USC and VA librarians re: literature search (also volunteered to help with claims)
- [Charlie](#) to check with WUSTL librarians
- [Ms. Matthews](#) to follow up with tracer manufacturers and others re: test-retest data that may be available
- [Julie](#) to add new participants to Dropbox, etc.
- [Dr. Wong](#) to send a paper to Ms. Matthews for inclusion on the Dropbox
- Any feedback may be sent to [Dr. Benzinger](#) and [Ms. Matthews](#)

Next Call: Friday, March 10th at 9 am CT {Task Force breakouts}

Parties interested in joining the [QIBA LinkedIn](#) page for QIBA updates should visit: <https://www.linkedin.com/company/rsna-qiba>

Reference: [Ms. Matthews' slides](#) (07.15.2022)

- Task force calls will be scheduled independently by task force champions/leaders, who will have the responsibility of reporting back to the BC; Co-Chairs will follow up with Focus Area volunteers for next steps