



Molecular Connectivity Working Group  
OHBM satellite symposium

**Molecular Connectivity: Best practices for data analysis**

**Bordeaux, June 19, 2026**

8:30 – 08:40 Welcome & Introduction by the organizers

08:40 – 09:10 (30 min) Molecular connectivity in the broader context of fMRI and other modalities -  
**Bratislav Mistic**, McGill University (Canada)

09:10 – 9:30 (20 min) Introduction to molecular connectivity and nomenclature in the context of the Delphi study  
**Sharna Jamadar**, Monash University (Australia)

9:30 – 9:50 (20 min) Overview of commonly used methods for assessment of molecular connectivity with emphasis on technical aspects that require discussion  
**Mattia Veronese**, University of Padua (Italy)

09:50 – 10:10 (20 min) Preprocessing: Data harmonization, PVC, normalization.  
**Martin Norgaard**, University of Copenhagen (Denmark)

**10:10 – 10:30 Coffee break**

10:30 – 10:50 (20 min) General prerequisites (population heterogeneity, statistical power), minimum number of subjects for inter- and intra-subject estimation  
**Arianna Sala**, Université de Liège (Belgium)

10:50 – 11:10 (20 min) ROI-level estimation metrics: partial or Pearson correlation, Euclidean Similarity  
**Tommaso Volpi**, Yale University (USA)

11:10 – 11:30 (20 min) Voxel-level estimation: SSM-PCA vs. ICA (which method and when? selection of components), seed-based correlation  
**Matthieu Doyen**, Université de Lorraine (France)

11:30 – 11:50 (20 min) Best practices for merging molecular, functional information and clinical info  
**Vince Calhoun**, GSU, GATech, Emory University (USA)

11:50 – 12:10 (20 min) Statistical robustness (bootstrapping, corrections)  
**Chris Habeck**, Columbia University (USA)

12:10 – 13:00 Summary and plan for future steps