**AGENDA RED = in process**

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| **#** | **TOPIC** | **DESCRIPTION** | **OWNER** |
|  | Grants | Andrew:  Korey: huF32 Dec 1st | Andrew/Korey |
|  | “Always be SDing” | Currently:   1. Cohort #4 (10/26/18): 10x PS19+ (4M, 6F). Age post-cSD for survival curve/IHC. 2. On deck: … | Ward |
|  | LC project | LC inject tauP301L-GFP: cut 8x brains 🡪 hTau (green)?  LC TH-cre;;Ai75D: mCherry visible in LC, straitum, OB 🡪 FACS and RNA yield before RNA-seq  Th-cre LC inject DIO-hTauP301L AAV: cut 8x brains (Kaitlyn) then stain hTau (green)/starter cells (red) | Korey/Ward |
|  | PS19 chronic sleep disruption | longitudinal RR & Barnes:  tau IHC (AT8, T-tau, AT100, ThioS): draw RoIs, quant w/Aperio 🡪 review scale 🡪 summary stats  longitudinal: score, assess spectral, spindle-SO properties, sleep arch/cont, other CFC  TH/Iba1 in the LC (for Ehrlich)  SDC rec: score | Ward/Korey |
|  | DORA project | get DORA12:  plan double dosing ZT0 & ZT12:  score, analyze N,R,W and latencies across 24hr period  Chronic jelly: if sleep increase verified in 24hr acute, do chronic | Kaitlyn |
|  | cFos staining | LC compare of SD vs adlib (R01)  1 session RR vs Handle 🡪 cFos | Ward |
|  | Clear brain | TH🡪 clear 🡪 image 🡪 do again for LC counts (gross dissect brainstem)  try NET 🡪 clear 🡪 image  NOT DONE: try AT8 or Ttau 🡪 clear 🡪 image  NOT DONE: do 3D sholl analysis and whole LC counts | Korey |
| **PAPERS** | | | |
|  | msSpindle-rotarod paper | submit to SLEEP  address reviewers and send | Korey |
|  | huSpindle-tau paper | submit to MolNeuroDegen  address reviewers and send | Korey |
|  | msRpS6 and rotarod paper | submit to SLEEP  address reviewers | Andrew |
|  | msGist learn: F-B rotarod paper | do stats  submit to… | Ward |
|  |  |  |  |
| **OTHER** | | | |
|  | IACUC | amend IACUC for DORA and CBT studies | Korey/Andrew |
|  | Aβoligo+tau | cross Aβoligo and DBH-cre with AAV-tau-mCherry?  cross Aβoligo and PS19? |  |
|  | Optogenetics experiment | Inject in LC of TH-cre+implant. Plan this | Korey |
|  | Autoscore S/W | manuscript outline | Korey |
|  | eDISCO | ECi-AdipoClear: optimize for NET in LC  manuscript outline | Korey |
|  | DREADDs | Cross DBH-cre;;DREADD inhibit/activate+DIO-tau-mCherry: worse sleep/tau? |  |
|  | Motor learning: tone reactivation | consider single-subject exp design: record sleep, play tone recording during NREM sleep manually |  |
|  | Mouse VR Maze | test freely moving with touchpad  link beep/milk delivery to screen |  |
|  | Aggression | analyze videos of aggression  design of experiment |  |