Project Title: **Does ICC correlate with disease severity measures in MS?**

Primary Investigator: **Tanuja Chitnis**

Co-investigators: Brian Healy, Bonnie Glanz, Svetlana?, Rob Bakshi?, Alicia Chua

Senior author: Charles Guttmann

Principal contact person: **Tanuja Chitnis**

Purpose (1-2 sentences): **To correlate ICC measures with disease severity measures in the CLIMB cohort including MSSS, SDMT, time to EDSS 3, time to EDSS 6. Results will be stratified by sex.**

Study Design (1-2 sentences): as above.

Estimated Sample size (if known): **1000 (approx.)**

Data Requested (check all that apply):

- Patient population (check all that apply):
  - _X_ CLIMB patients only
  - _Global Clinic population
  - _Control subjects

- Clinical data (email sent to Tanuja Chitnis): ALL
  - _x_ demographic information (age, gender, race)
  - _x_ disease duration
  - _x_ disease category
  - _disease course subtype
  - _relapse information
  - _x_ EDSS
  - _medication information
  - _McDonald criteria fulfillment
  - _other (list _)

- Cognitive and Psychosocial data (email sent to Bonnie Glanz): ALL
  - _x_ SDMT
  - _BRB
  - _TONI-3
  - _CES-D
  - _MOS Social Support Survey
  - _MFIS
  - _MSQOL54
  - _other (list _
MRI data (email sent to Rob Bakshi and Svetlana Egorova):
   _T2LV – TDS+ and MC
   _BPF – TDS+ and MC
   _T1 black holes
   _CEL
   _GMF
   _WMF
   _other (list – ICC – both automated and TDS+ values – correlation coefficient will be assessed___)

Immunology data (email sent to Roopali Gandhi and Pia Kivasakk):
   _flow cytometry data
   _other (list ___)

Genetics data (email sent to Phil De Jager):
   _tissue typing
   _common risk alleles by SNP analysis
   _Affymetrix RNA data
   _other (list _____)

Samples (email sent to Roopali Gandhi and Pia Kivasakk):
   _serum
   _DNA
   _cells
   _other (list ___) 2 Green top tubes (Fresh)

Statistical support request (email sent to Brian Healy):
   _Brian Healy
   _other (list____)

IRB for Project:
Pending___
If approved list:
   Protocol #: CLIMB IRB
   Protocol Title:
   Expiration date:
   Upload approval (option to attach file)

Data use: (check all that apply)
   _preliminary data for a grant proposal
   _meeting abstract
   _manuscript
   _other (list ___)

New Study
GRANT funding:
__None
__Funding source already secured: Name________________

Request initiated on: ___/___/

Approved on: ___/___/