ARIC Manuscript Proposal # 1427

PC Reviewed: 09/09/08 SC Reviewed:	Status: <u>A</u> Status:	Priority: <u>2</u> Priority:
1.a. Full Title : Meta-analysis reactive protein (CRP) concentrat Consortium	of genome-wide association data ions in white adults of European	
b. Abbreviated Title (Length : CHARGE	26 characters): CRP, GWAS, r	neta analysis,
Writing Group: Writing group members: Vijay Nambi MD Maja Barbalic PhD Christie M Ballantyne MD Eric Boerwinkle PhD Ron C Hoogeveen PhD Aaron R Folsom MD James Pankow PhD Wei Sun PhD		
I, the first author, confirm that all manuscript proposalVN[rwriting]		
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•	hor (if different from first author correspondence will other & the corresponding author):
Phone: E-mail:	Fax:
3. Timeline: All genotyping	g is complete. Analysis to begin immediately.
associated with cardiovascular d CRP levels have been shown to being evaluated as a target for st collection of single nucleotide pe	otein (CRP) is a marker of inflammation that has been isease (both coronary heart disease and stroke). High improve CHD risk prediction and in fact are currently atin therapy. With the availability of genome-wide olymorphisms, it is now possible to identify the genes variation in CRP levels and to, perhaps, contribute to the ading to CHD
	y Questions: the association of genome-wide genetic variation with P levels in adults of European ancestry
variables of interest w	tudy design, inclusion/exclusion, outcome and other ith specific reference to the time of their collection, ysis, and any anticipated methodologic limitations or
Exposure: 2.5 million HapMap & Outcome: CRP levels Exclusions: those without conse Primary statistical approach: A variance estimates adjusted for s Meta-analysis: all resulting p-va Validation and Replication: Possicorrelation of findings with those from existing database Major Phenotypes to Analyze:	lues sible validation genotyping for selected findings; es

7.a. Will the data be used for non-CVD analysis in this manuscript? ____ Yes ____

No
b. If Yes, is the author aware that the file ICTDER03 must be used to exclude
personswith a value RES_OTH = "CVD Research" for non-DNA analysis, and for
DNAanalysis RES_DNA = "CVD Research" would be used? Yes No
8.a. Will the DNA data be used in this manuscript?X Yes No
8.b. If yes, is the author aware that either DNA data distributed by the
CoordinatingCenter must be used, or the file ICTDER03 must be used to exclude
those with valueRES_DNA = "No use/storage DNA"? _X_ YesNo
those with value (LD_D1W1 = 110 use/storage D1W1 :X 1es10
9. The lead author of this manuscript proposal has reviewed the list of existing ARIC Study manuscript proposals and has found no overlap between this proposal
and previously approved manuscript proposals either published or still in active
status.
X Yes No
10. What are the most related manuscript proposals in ARIC (authors are
encouraged to contact lead authors of these proposals for comments on the new
proposal or collaboration)?
11. a. Is this manuscript proposal associated with any ARIC ancillary studies or use any ancillary study data?x_ Yes No
11.b. If yes, is the proposal
_ A. primarily the result of an ancillary study (list number*_2006.03 (Stampede,
genotyping in Caucasians)))
12. Manuscript preparation is expected to be completed in one to three years. If a manuscript is not submitted for ARIC review at the end of the 3-years from the

date of the approval, the manuscript proposal will expire.