**Appendix 1**

**MEMBERSHIP OF GIANT CONSORTIUM**

**Steering Committee**

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**SardiNIA:** David Schlessinger[21], Manuela Uda[30]

**DGI:** David Altshuler[11,26], Leif C. Groop[5,6]

**EPIC-Obesity:** Nicholas J. Wareham[15,16]

**FUSION:** Richard N. Bergman[31], Michael Boehnke[3], Francis S. Collins[32], Karen L. Mohlke[20], Jaakko Tuomilehto[33]

**NHS:** David J. Hunter[11-14]

**PLCO:** Stephen J. Chanock[7], Richard B. Hayes[7]

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**KORA:** H-Erich Wichmann[23,24]

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**BC58:** David P. Strachan[22]

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**METSIM:** Johanna Kuusisto[43], Markku Laakso[43]

**ALSPAC:** George Davey Smith[44], Ken K. Ong[15,16]

**PPP-Botnia:** Leif C. Groop[5,6], Bo Isomaa[45], Tiinamaija Tuomi[77,78]

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**Hertfordshire:** Cyrus Cooper[46]

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**InChianti:** Luigi Ferrucci[53]

**BLSA:** Jack M. Guralnik[54]


**Phenotype modeling and genotype-phenotype association analysis in contributing cohorts**

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**DGI:** Peter Almgren[5], Helen N. Lyon[8,9], Martin Ridderstråle[60], Elizabeth K. Speliotes[8,25]

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