Guiding questions :

- Describe the disease
- Is there evidence for it to be heritable? Does the disease "run in families"? Familial aggregation measures?
- Can you give estimates for the heritability?
- What does heritability mean? How was it estimated? Using genomic markers? Which genomic markers? …
- Related to segregation, can you find evidence for mode of inheritance? How was this mode of inheritance assessed?
- Is it a monogenic disease or oligogenic, polygenic, complex? Why?
- Are there subcategories / types of the disease / disease progression types?
- Evidence of epigenetics?
- How can knowledge about the genetics of the disease be translated into medicine (e.g., public health, personalized medicine, genetic testing, specific drug targets, …)

Group 1 : melanoma

http://www.genomel.org/

Group 2 : phenylcétonurie

Group 3: breast cancer

http://ccge.medschl.cam.ac.uk/consortia/bcac/

Group 4: Crohn's disease

IIBDGC = international ibd genetics consortium