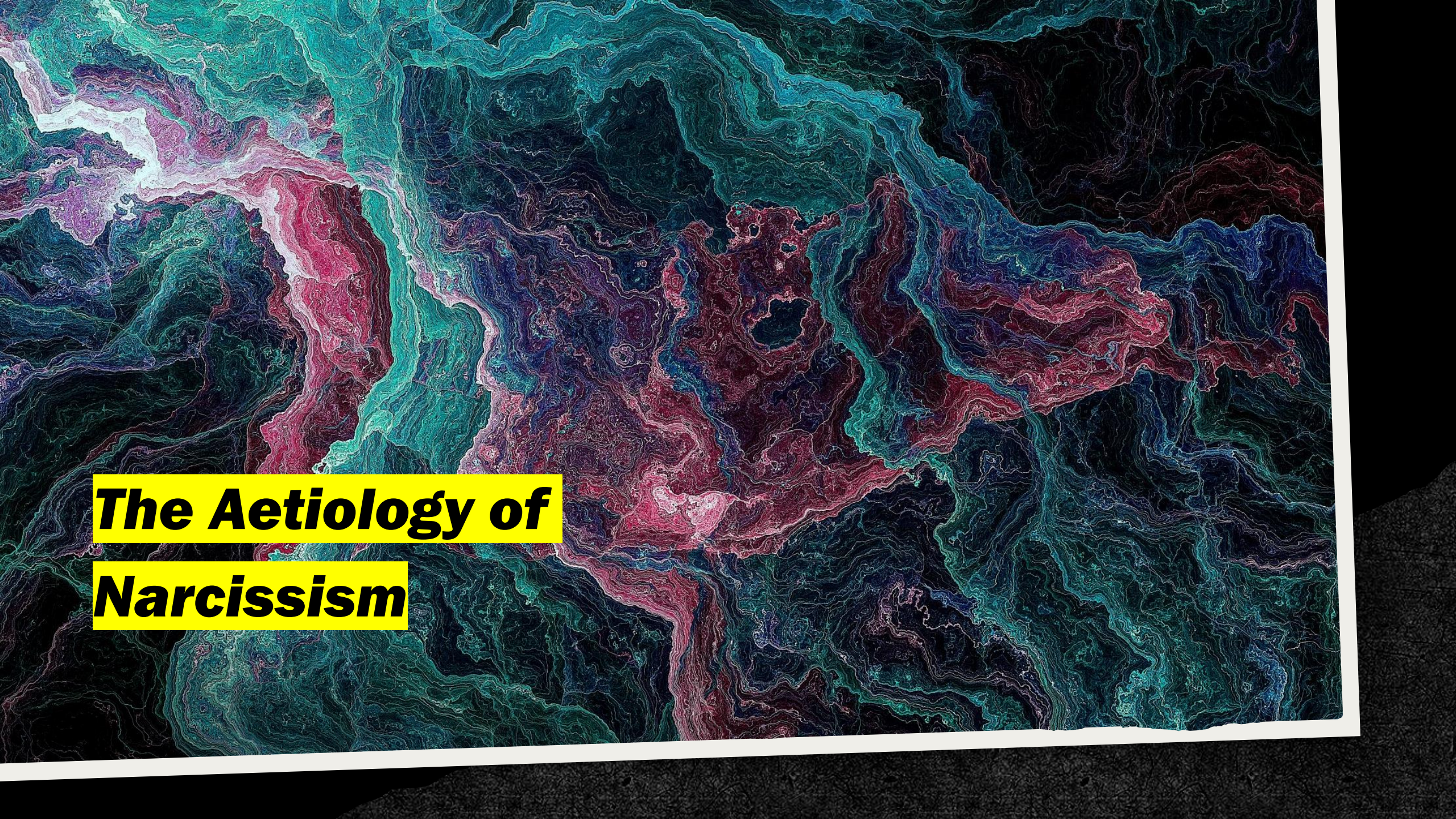
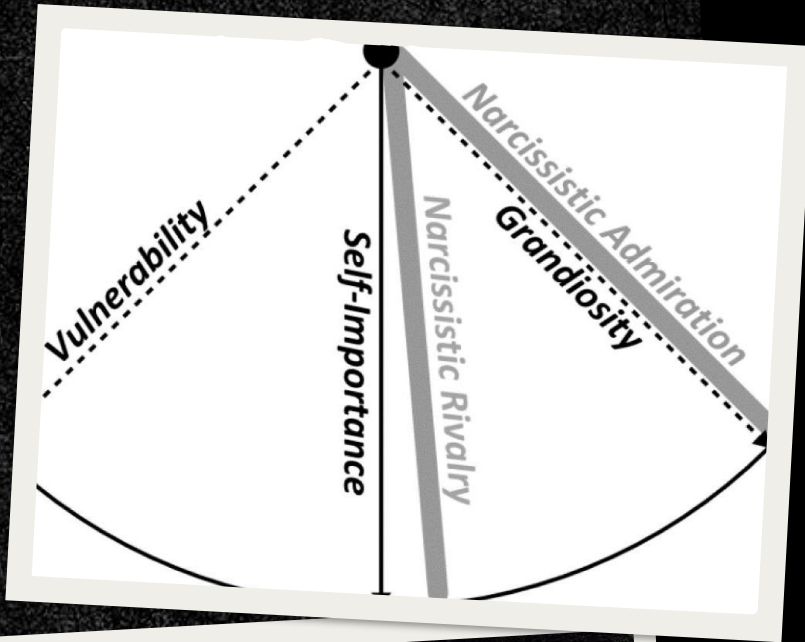




The Aetiology of Narcissism

Grandiose Vs Vulnerable



Grandiose Traits

- High levels of traits related to extraversion; dominance, and reward-seeking behaviour (*Miller & Maples, 2012*)
- Tendencies to overestimate one's capabilities (*Zajenkowski et al. 2018*)

Grandiose Vs Vulnerable

Vulnerable Traits

- Primarily related to increased negative emotionality and interpersonal distrust (*Miller & Maples, 2012*)
- Defensive, avoidant and hypersensitive attitude in interpersonal relations (*Zajenkowski et al. 2018*)



Nature Vs Nurture



Environmental Factors

- Early Childhood Experiences
- Parental Overevaluation
- Negative Childhood Experience
- Social/ Cultural Differences

Genetics

- Genetic Predisposition
- Family History
- Trait Heritability

Vulnerable Vs Grandiose

- Grandiose Narcissism = Environmental Factors
- Vulnerable Narcissism = Genetics

Gene-Environmental interactions

- The influence of genes and environmental factors interact = Narcissistic Traits