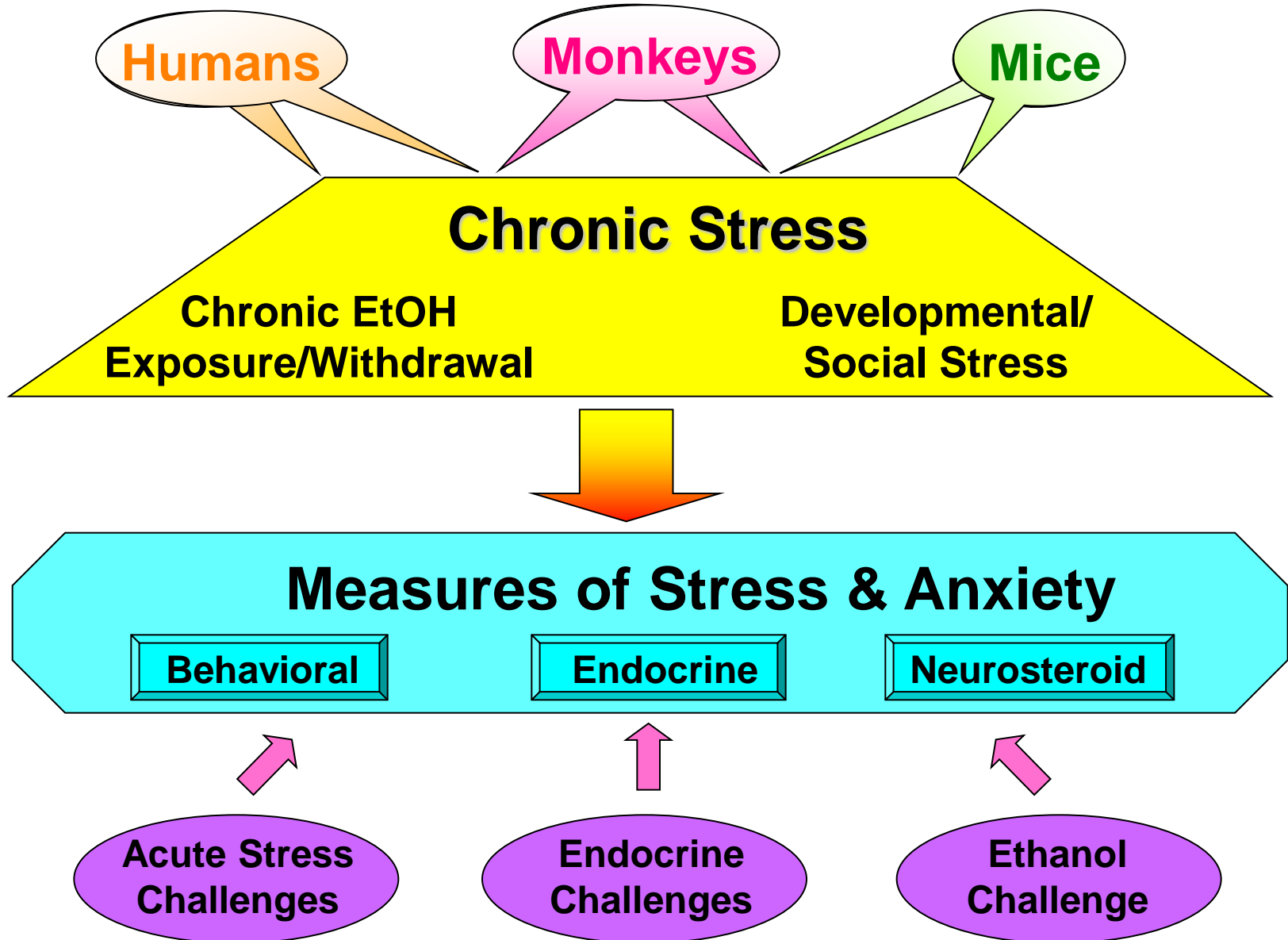


INIAstress Consortium: Models of Stress & Anxiety Employed



Update on Models of Stress & Anxiety: INIAstress Consortium

Chronic Stress Conditions

Developmental/Social Stress

- Social Hierarchy/Defeat [Monkeys] (*K Grant*); [Mice] (*M Miles*)
- Social Isolation [Mice] (*B McCool*)

Chronic EtOH Exposure/Withdrawal

- Self-Administration [Mice] (*M Miles*)
[Monkeys] (*K Grant*)
 - Inhalation [Mice] (*H Becker; S Jones; B McCool; D Lovinger*)
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Update on Models of Stress & Anxiety: INIAstress Consortium

Acute Stress Challenges

Social/Environmental Stressors

- Footshock [Mice] (*H Becker*)

Endocrine Challenges

- CRH/ACTH/Dex [Monkeys] (*K Grant*)
[Mice] (*M Miles*)

Ethanol Challenges

- Self-Administration [Monkeys] (*K Grant*)
 - Injection [Mice] (*M Miles*)
-

Update on Models of Stress & Anxiety: INIAstress Consortium

Stress & Anxiety Models

Behavioral Measures

- Ethanol Self-Administration [Monkeys] (*K Grant*)
[Mice] (*H Becker; M Miles; S Jones*)
 - Reinstatement of EtOH Seeking [Mice] (*H Becker*)
 - Anxiety (L/D Box; 0/+ Maze; Open Field) [Mice] (*M Miles; B McCool; H Becker*)
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Update on Models of Stress & Anxiety: INIAnxiety Consortium

Stress & Anxiety Models

Endocrine Measures

- Plasma ACTH/CORT
 - after CRH/ACTH/Dex Challenge
[Monkeys] (K Grant); [Mice] (M Miles)
 - after Pharm (naloxone) Challenge
[Monkeys] (K Grant)
 - after Ethanol Challenge
[Monkeys] (K Grant); [Mice] (M Miles)
 - Plasma CORT
 - after chronic EtOH [Mice] (H Becker; S Jones; D Lovinger)
 - Brain CRF (mRNA & protein)
 - after chronic EtOH & footshock stress [Mice] (H Becker)
-

Update on Models of Stress & Anxiety: INIAnxiety Consortium

Stress & Anxiety Models

Neurosteroid Measures

- Plasma Neurosteroids
 - after CRH/ACTH/Dex Challenge
[Monkeys] (K Grant)
 - after Pharm (naloxone) Challenge
[Monkeys] (K Grant)
 - after Ethanol Challenge
[Monkeys] (K Grant)
 - Brain Neurosteroids
 - after chronic EtOH [Mice] (H Becker)
 - after footshock stress [Mice] (H Becker)
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INIastress Consortium: Models of Stress & Anxiety Employed

