

Table of Contents

| | |
|--|-----------|
| Review Articles..... | 1 |
| The Role of Multilingualism in the Brain's Developmental Life Span | |
| Julia Gainski..... | 1 |
| The Effect of Weight Training on Brain Function | |
| Khushi Agarwal..... | 5 |
| The Science Behind the Guilty Brain and the Future of Neuroprediction | |
| Violet Park..... | 8 |
| Stem Cell Therapy for Traumatic Brain Injury | |
| Neha Bashir..... | 11 |
| Exploring Human Memory and Understanding The Human Tendency of Forgetting | |
| Delisha Nair..... | 15 |
| Neurodegenerative Diseases & Preventatives | |
| Vyapti Patel..... | 18 |
| Comparison of SSRI and SNRI on Their Effects of Relieving Major Anxiety Disorders | |
| Yushan Li..... | 23 |
| The Impact of Classical Music on Neuroanatomy & Brain Functions | |
| Vani Sharma..... | 28 |
| Botulinum and Pain Relief | |
| Ruchi Prakash..... | 31 |
| Current Developments and Future Possibilities of Glioblastoma Treatment | |
| Susanna Martin..... | 36 |
| Analgesia: The Importance of Pain Relief | |
| Sarah Masud..... | 39 |



| | |
|---|-----------|
| Research..... | 42 |
| Mediation of Rat's Social Dominance by Medial Prefrontal Cortex | |
| Benedict Yeoh K. A., Rebecca M. Burch, James R. Hinman | 42 |
| Immediate Early Gene Expression in D1-SPNs and D2-SPNs During a Striatum-dependent Reinforcement Learning Task | |
| Cindy Mu, Emily Shao, Jones G. Parker..... | 49 |
| Micro-Articles..... | 54 |
| Dopamine: The Culprit Behind Alcohol Addiction | |
| Erin Ford..... | 54 |
| Robotic Romance; Psychology Behind Artificial Love | |
| Megan Lu..... | 56 |
| Mind Over Matter: Exploring the Efficacy of Placebo Painkillers | |
| Kaitlyn Faith..... | 58 |
| Current Research Pertaining to the Correlation of Prion Proteins and Alzheimer's Disease | |
| Rikhil Chitimilla..... | 60 |
| Restoring Public Trust in Science and Clearing Up Misconceptions about Alzheimer's Disease Controversies | |
| Tyler Smith..... | 62 |
| Meet the Board..... | 64 |
| About the Writers..... | 69 |

