

Exercise 1: Gross Brain Anatomy

Set of 15 concepts: amygdala, basal ganglia, cerebellum, cerebral cortex, cerebrospinal fluid, corpus callosum, forebrain, hindbrain, hippocampus, hypothalamus, medulla, midbrain, meninges, pons, and thalamus

210 concepts pairs:

1. amygdala-basal ganglia
2. amygdala-cerebellum
3. amygdala-cerebral cortex
4. amygdala-cerebrospinal fluid
5. amygdala-corpor callosum
6. amygdala-forebrain
7. amygdala-hindbrain
8. amygdala-hippocampus
9. amygdala-hypothalamus
10. amygdala-medulla
11. amygdala-meninges
12. amygdala-midbrain
13. amygdala-pons
14. amygdala-thalamus
15. basal ganglia-amygdala
16. basal ganglia-cerebellum
17. basal ganglia-cerebral cortex
18. basal ganglia-cerebrospinal fluid
19. basal ganglia-corpor callosum
20. basal ganglia-forebrain
21. basal ganglia-hindbrain
22. basal ganglia-hippocampus
23. basal ganglia-hypothalamus
24. basal ganglia-medulla
25. basal ganglia-meninges
26. basal ganglia-midbrain
27. basal ganglia-pons
28. basal ganglia-thalamus
29. cerebellum-amygdala
30. cerebellum-basal ganglia
31. cerebellum-cerebral cortex
32. cerebellum-cerebrospinal fluid
33. cerebellum-corpor callosum
34. cerebellum-forebrain
35. cerebellum-hindbrain
36. cerebellum-hippocampus
37. cerebellum-hypothalamus
38. cerebellum-medulla
39. cerebellum-meninges
40. cerebellum-midbrain
41. cerebellum-pons
42. cerebellum-thalamus
43. cerebral cortex-amygdala
44. cerebral cortex-basal ganglia
45. cerebral cortex-cerebellum
46. cerebral cortex-cerebrospinal fluid
47. cerebral cortex-corpor callosum
48. cerebral cortex-forebrain
49. cerebral cortex-hindbrain
50. cerebral cortex-hippocampus
51. cerebral cortex-hypothalamus
52. cerebral cortex-medulla
53. cerebral cortex-meninges
54. cerebral cortex-midbrain
55. cerebral cortex-pons
56. cerebral cortex-thalamus
57. cerebrospinal fluid-amygdala
58. cerebrospinal fluid-basal ganglia
59. cerebrospinal fluid-cerebellum
60. cerebrospinal fluid-cerebral cortex
61. cerebrospinal fluid-corpor callosum
62. cerebrospinal fluid-forebrain
63. cerebrospinal fluid-hindbrain
64. cerebrospinal fluid-hippocampus
65. cerebrospinal fluid-hypothalamus
66. cerebrospinal fluid-medulla
67. cerebrospinal fluid-meninges
68. cerebrospinal fluid-midbrain
69. cerebrospinal fluid-pons
70. cerebrospinal fluid-thalamus
71. corpor callosum-amygdala
72. corpor callosum-basal ganglia

73. corpus callosum-cerebellum
74. corpus callosum-cerebral cortex
75. corpus callosum-cerebrospinal fluid
76. corpus callosum-forebrain
77. corpus callosum-hindbrain
78. corpus callosum-hippocampus
79. corpus callosum-hypothalamus
80. corpus callosum-medulla
81. corpus callosum-meninges
82. corpus callosum-midbrain
83. corpus callosum-pons
84. corpus callosum-thalamus
85. forebrain-amygdala
86. forebrain-basal ganglia
87. forebrain-cerebellum
88. forebrain-cerebral cortex
89. forebrain-cerebrospinal fluid
90. forebrain-corpor callosum
91. forebrain-hindbrain
92. forebrain-hippocampus
93. forebrain-hypothalamus
94. forebrain-medulla
95. forebrain-meninges
96. forebrain-midbrain
97. forebrain-pons
98. forebrain-thalamus
99. hindbrain-amygdala
100. hindbrain-basal ganglia
101. hindbrain-cerebellum
102. hindbrain-cerebral cortex
103. hindbrain-cerebrospinal fluid
104. hindbrain-corpor callosum
105. hindbrain-forebrain
106. hindbrain-hippocampus
107. hindbrain-hypothalamus
108. hindbrain-medulla
109. hindbrain-meninges
110. hindbrain-midbrain
111. hindbrain-pons
112. hindbrain-thalamus
113. hippocampus-amygdala
114. hippocampus-basal ganglia
115. hippocampus-cerebellum
116. hippocampus-cerebral cortex
117. hippocampus-cerebrospinal fluid
118. hippocampus-corpor callosum
119. hippocampus-forebrain
120. hippocampus-hindbrain
121. hippocampus-hypothalamus
122. hippocampus-medulla
123. hippocampus-meninges
124. hippocampus-midbrain
125. hippocampus-pons
126. hippocampus-thalamus
127. hypothalamus-amygdala
128. hypothalamus-basal ganglia
129. hypothalamus-cerebellum
130. hypothalamus-cerebral cortex
131. hypothalamus-cerebrospinal fluid
132. hypothalamus-corpor callosum
133. hypothalamus-forebrain
134. hypothalamus-hindbrain
135. hypothalamus-hippocampus
136. hypothalamus-medulla
137. hypothalamus-meninges
138. hypothalamus-midbrain
139. hypothalamus-pons
140. hypothalamus-thalamus
141. medulla-amygdala
142. medulla-basal ganglia
143. medulla-cerebellum
144. medulla-cerebral cortex
145. medulla-cerebrospinal fluid
146. medulla-corpor callosum
147. medulla-forebrain
148. medulla-hindbrain
149. medulla-hippocampus
150. medulla-hypothalamus
151. medulla-meninges
152. medulla-midbrain
153. medulla-pons
154. medulla-thalamus
155. meninges-amygdala
156. meninges-basal ganglia
157. meninges-cerebellum
158. meninges-cerebral cortex

159. meninges-cerebrospinal fluid
160. meninges-corpor callosum
161. meninges-forebrain
162. meninges-hindbrain
163. meninges-hippocampus
164. meninges-hypothalamus
165. meninges-medulla
166. meninges-midbrain
167. meninges-pons
168. meninges-thalamus
169. midbrain-amygdala
170. midbrain-basal ganglia
171. midbrain-cerebellum
172. midbrain-cerebral cortex
173. midbrain-cerebrospinal fluid
174. midbrain-corpor callosum
175. midbrain-forebrain
176. midbrain-hindbrain
177. midbrain-hippocampus
178. midbrain-hypothalamus
179. midbrain-medulla
180. midbrain-meninges
181. midbrain-pons
182. midbrain-thalamus
183. pons-amygdala
184. pons-basal ganglia
185. pons-cerebellum
186. pons-cerebral cortex
187. pons-cerebrospinal fluid
188. pons-corpor callosum
189. pons-forebrain
190. pons-hindbrain
191. pons-hippocampus
192. pons-hypothalamus
193. pons-medulla
194. pons-meninges
195. pons-midbrain
196. pons-thalamus
197. thalamus-amygdala
198. thalamus-basal ganglia
199. thalamus-cerebellum
200. thalamus-cerebral cortex
201. thalamus-cerebrospinal fluid
202. thalamus-corpor callosum
203. thalamus-forebrain
204. thalamus-hindbrain
205. thalamus-hippocampus
206. thalamus-hypothalamus
207. thalamus-medulla
208. thalamus-meninges
209. thalamus-midbrain
210. thalamus-pons

Exercise 2: Neuronal Physiology

Set of 15 concepts: action potential, axon hillock, axon terminal, dendrite, depolarization, ion channel, neuron, oligodendrocyte, receptor, resting potential, reuptake, salutary conduction, summation, synapse, and threshold

210 concept pairs:

1. action potential-axon hillock
2. action potential-axon terminal
3. action potential-dendrite
4. action potential-depolarization
5. action potential-ion channel
6. action potential-neuron
7. action potential-oligodendrocyte
8. action potential-receptor
9. action potential-resting potential
10. action potential-reuptake
11. action potential-saltatory conduction
12. action potential-summation
13. action potential-synapse
14. action potential-threshold
15. axon hillock-action potential
16. axon hillock-axon terminal
17. axon hillock-dendrite
18. axon hillock-depolarization
19. axon hillock-ion channel
20. axon hillock-neuron
21. axon hillock-oligodendrocyte
22. axon hillock-receptor
23. axon hillock-resting potential
24. axon hillock-reuptake
25. axon hillock-saltatory conduction
26. axon hillock-summation
27. axon hillock-synapse
28. axon hillock-threshold
29. axon terminal-action potential
30. axon terminal-axon hillock
31. axon terminal-dendrite
32. axon terminal-depolarization
33. axon terminal-ion channel
34. axon terminal-neuron
35. axon terminal-oligodendrocyte
36. axon terminal-receptor
37. axon terminal-resting potential
38. axon terminal-reuptake
39. axon terminal-saltatory conduction
40. axon terminal-summation
41. axon terminal-synapse
42. axon terminal-threshold
43. dendrite-action potential
44. dendrite-axon hillock
45. dendrite-axon terminal
46. dendrite-depolarization
47. dendrite-ion channel
48. dendrite-neuron
49. dendrite-oligodendrocyte
50. dendrite-receptor
51. dendrite-resting potential
52. dendrite-reuptake
53. dendrite-saltatory conduction
54. dendrite-summation
55. dendrite-synapse
56. dendrite-threshold
57. depolarization-action potential
58. depolarization-axon hillock
59. depolarization-axon terminal
60. depolarization-dendrite
61. depolarization-ion channel
62. depolarization-neuron
63. depolarization-oligodendrocyte
64. depolarization-receptor
65. depolarization-resting potential
66. depolarization-reuptake
67. depolarization-saltatory conduction
68. depolarization-summation
69. depolarization-synapse
70. depolarization-threshold
71. ion channel-action potential
72. ion channel-axon hillock

73. ion channel-axon terminal
74. ion channel-dendrite
75. ion channel-depolarization
76. ion channel-neuron
77. ion channel-oligodendrocyte
78. ion channel-receptor
79. ion channel-resting potential
80. ion channel-reuptake
81. ion channel-saltatory conduction
82. ion channel-summation
83. ion channel-synapse
84. ion channel-threshold
85. neuron-action potential
86. neuron-axon hillock
87. neuron-axon terminal
88. neuron-dendrite
89. neuron-depolarization
90. neuron-ion channel
91. neuron-oligodendrocyte
92. neuron-receptor
93. neuron-resting potential
94. neuron-reuptake
95. neuron-saltatory conduction
96. neuron-summation
97. neuron-synapse
98. neuron-threshold
99. oligodendrocyte-action potential
100. oligodendrocyte-axon hillock
101. oligodendrocyte-axon terminal
102. oligodendrocyte-dendrite
103. oligodendrocyte-depolarization
104. oligodendrocyte-ion channel
105. oligodendrocyte-neuron
106. oligodendrocyte-receptor
107. oligodendrocyte-resting potential
108. oligodendrocyte-reuptake
109. oligodendrocyte-saltatory conduction
110. oligodendrocyte-summation
111. oligodendrocyte-synapse
112. oligodendrocyte-threshold
113. receptor-action potential
114. receptor-axon hillock
115. receptor-axon terminal
116. receptor-dendrite
117. receptor-depolarization
118. receptor-ion channel
119. receptor-neuron
120. receptor-oligodendrocyte
121. receptor-resting potential
122. receptor-reuptake
123. receptor-saltatory conduction
124. receptor-summation
125. receptor-synapse
126. receptor-threshold
127. resting potential-action potential
128. resting potential-axon hillock
129. resting potential-axon terminal
130. resting potential-dendrite
131. resting potential-depolarization
132. resting potential-ion channel
133. resting potential-neuron
134. resting potential-oligodendrocyte
135. resting potential-receptor
136. resting potential-reuptake
137. resting potential-saltatory conduction
138. resting potential-summation
139. resting potential-synapse
140. resting potential-threshold
141. reuptake-action potential
142. reuptake-axon hillock
143. reuptake-axon terminal
144. reuptake-dendrite
145. reuptake-depolarization
146. reuptake-ion channel
147. reuptake-neuron
148. reuptake-oligodendrocyte
149. reuptake-receptor
150. reuptake-resting potential
151. reuptake-saltatory conduction
152. reuptake-summation
153. reuptake-synapse
154. reuptake-threshold
155. saltatory conduction-action potential

156. saltatory conduction-axon hillock
157. saltatory conduction-axon terminal
158. saltatory conduction-dendrite
159. saltatory conduction-depolarization
160. saltatory conduction-ion channel
161. saltatory conduction-neuron
162. saltatory conduction-oligodendrocyte
163. saltatory conduction-receptor
164. saltatory conduction-resting potential
165. saltatory conduction-reuptake
166. saltatory conduction-summation
167. saltatory conduction-synapse
168. saltatory conduction-threshold
169. summation-action potential
170. summation-axon hillock
171. summation-axon terminal
172. summation-dendrite
173. summation-depolarization
174. summation-ion channel
175. summation-neuron
176. summation-oligodendrocyte
177. summation-receptor
178. summation-resting potential
179. summation-reuptake
180. summation-saltatory conduction
181. summation-synapse
182. summation-threshold
183. synapse-action potential
184. synapse-axon hillock
185. synapse-axon terminal
186. synapse-dendrite
187. synapse-depolarization
188. synapse-ion channel
189. synapse-neuron
190. synapse-oligodendrocyte
191. synapse-receptor
192. synapse-resting potential
193. synapse-reuptake
194. synapse-saltatory conduction
195. synapse-summation
196. synapse-threshold
197. threshold-action potential
198. threshold-axon hillock
199. threshold-axon terminal
200. threshold-dendrite
201. threshold-depolarization
202. threshold-ion channel
203. threshold-neuron
204. threshold-oligodendrocyte
205. threshold-receptor
206. threshold-resting potential
207. threshold-reuptake
208. threshold-saltatory conduction
209. threshold-summation
210. threshold-synapse