

### A3: TREC-Topics

Für jedes der Topics wird Information in folgendem Format aufgelistet:

- [ID] [Frage]  
[Gen(e), anderes Konzept]: [Synonyme, nach denen gesucht wurde]  
[Zahl der relevanten Dokumente (0 = wurde bei der Evaluation nicht benutzt)]
160. What is the role of PrnP in mad cow disease?  
PrnP: prion protein, g1-dependent  
Mad cow disease: Bovine Spongiform Encephalopathy, BSE  
214 relevante Dokumente
161. What is the role of IDE in Alzheimer's disease  
IDE: Isulin Degrading Enzyme, Insulin Protease, Insulinase  
Alzheimer's disease: Alzheimer Sclerosis, Senile Dementia  
40 relevante Dokumente
162. What is the role of MMS2 in cancer?  
MMS2: DDVit1, UEV-2, UBE2V2, ubiquitin-conjugating enzyme, EDPF-1  
Cancer: neoplasm, tumor  
1 relevantes Dokument
163. What is the role of APC (adenomatous polyposis coli) in colon cancer?  
APC: adenomatours polyposis coli (in Query enthalten)  
Colon Cancer: colon neoplasm, colon tumor  
99 relevante Dokumente
164. What is the role of Nurr-77 in Parkinson's disease?  
Nurr-77: Nur77, NGFI-B, Nerve Growth Factor-inducible B-Protein, Oprhan Nuclear Receptor HMR, Early Response Protein NAK1  
Parkinson: Paralysis Agitans  
4 relevante Dokumente
165. How do Cathepsin D (CTSD) and apolipoprotein E (ApoE) interactions contribute to Alzheimer's disease?  
Cathepsin D (CTSD): keine Synonyme  
Apolipoprotein E (ApoE): Apo E Isoproteins, Aspartic Acid Endopeptidases  
Alzheimer: s. 161  
7 relevante Dokumente
166. What is the role of Transforming growth factor-beta1 (TGF-beta1) in cerebral amyloid angiopathy (CAA)?  
(keine Synonyme; Akronyme werden als Synonyme gewertet)  
2 relevante Dokumente

167. How does nucleoside diphosphate kinase (NM23) contribute to tumor progression?  
nucleoside diphosphate kinase (NM23): Non-Metastatic Cells 1 Protein, Granzyme A-activated DNase  
tumor regression: neoplasm, cancer  
158 relevante Dokumente
168. How does BARD1 regulate BRCA1 activity?  
BARD1: Ubiquitin-Protein Ligases  
BRCA1: keine Synonyme  
56 relevante Dokumente
169. How does APC (adenomatous polyposis coli) protein affect actin assembly  
APC: adenomatous polyposis coli (in Query enthalten)  
Actin: isoacton  
54 relevante Dokumente
170. How does COP2 contribute to CFTR export from the endoplasmic reticulum?  
COP2: Coat Protein Complex II  
CFTR: Cystic Fibrosis Transmembrane Conductance Regulator  
28 relevante Dokumente
171. How does Nurr-77 delete T cells before they migrate to the spleen or lymph nodes and how does this impact autoimmunity?  
Nurr-77: Nur77, NGFI-B, Nerve Growth Factor-inducible B-Protein, Orphan Nuclear Receptor HMR, Early Response Protein NAK1  
[zweites Konzept ungeeignet für die Angabe von Synonymen]  
14 relevante Dokumente
172. How does p53 affect apoptosis?  
P53: phosphoprotein 53, tumor suppressor gene  
Apoptosis: programmed cell death, intrinsic pathway apoptosis  
305 relevante Dokumente
173. How do alpha7 nicotinic receptor subunits affect ethanol metabolism?  
(nicht benutzt)
174. How does BRCA1 ubiquitinating activity contribute to cancer?  
BRCA1: ubiquitin-protein ligases  
Cancer: s. 162  
18 relevante Dokumente
175. How does L2 interact with L1 to form HPV11 viral capsids?  
(nicht benutzt)
176. How does Sec61-mediated CFTR degradation contribute to cystic fibrosis?  
(keine Synonyme)  
4 relevante Dokumente
177. How do Bop-Pes interactions affect cell growth?  
Pes: pescadillo

6 relevante Dokumente

178. How do interactions between insulin-like GFs and the insulin receptor affect skin biology?  
(keine Synonyme)  
3 relevante Dokumente
179. How do interactions between HNF4 and COUP-TF1 suppress liver function?  
(keine Synonyme)  
1 relevantes Dokument
180. How do Ret-GDNF interactions affect liver development?  
(nicht benutzt)
181. How do mutations in the Huntingtin gene affect Huntington's disease?  
Huntingtin gene: HAP  
Huntington's disease: Huntington Chorea  
418 relevante Dokumente
182. How do mutations in Sonic Hedgehog genes affect developmental disorders?  
(keine Synonyme)  
94 relevante Dokumente
183. How do mutations in the NM23 gene affect tracheal development?  
(nicht benutzt)
184. How do mutations in the Pes gene affect cell growth?  
Pes: pescadillo  
3 relevante Dokumente
185. How do mutations in the hypocretin receptor 2 gene affect narcolepsy?  
Hypocretin receptor 2 gene: orexin receptor, HCRT receptor  
Narcolepsy: Raoyismal sleep, Gelineaus Syndrome  
17 relevante Dokumente
186. How do mutations in the Presenilin-1 gene affect Alzheimer's disease?  
Presenilin-1 gene: psen1  
Alzheimer's disease: Senile Dementia, Alzheimer Sclerosis  
281 relevante Dokumente
187. How do mutations in familial hemiplegic migraine type 1 (FHM1) gene affect calcium ion influx in hippocampal neurons?  
Familial hemiplegic migraine type 1 (FHM1) gene: migraine with Auras  
1 relevantes Dokument