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## The Structural Basis Of Architecture Bjorn Sandaker

**structural basis for small molecule targeting of the ...** - structural basis for small molecule targeting of the programmed death ligand 1 (pd-l1) krzysztof m. zak<sup>1,2</sup>, przemyslaw grudnik<sup>2</sup>, katarzyna guzik<sup>3</sup>, bartosz j. zieba<sup>1,3</sup>, bogdan musielak<sup>3</sup>, alexander dömling<sup>4</sup>, grzegorz dubin<sup>1,2</sup> and tad a. holak<sup>1,3,5</sup>

**structural basis for regulation of gpr56/adgrg1 by its ...** - article structural basis for regulation of gpr56/adgrg1 by its alternatively spliced extracellular domains highlights d crystal structure of the entire extracellular region of gpr56, an adhesion gpcr d a unique "pll" domain interacts extensively with a smaller- than-usual gain domain

**structural basis for regulation and specificity of ...** - structure article structural basis for regulation and specificity of fructooligosaccharide import in streptococcus pneumoniae simone culurgioni<sup>1,2</sup> gemma harris<sup>2</sup> anirudh k. singh<sup>3</sup> samantha j. king<sup>3,4</sup> and martin a. walsh<sup>1,2,5,\*</sup>

**1diamond house, diamond light source, harwell science and innovation campus, didcot ox11 0de, uk 2research complex at harwell, harwell science and innovation campus ...**

**basis of structural design for buildings and public works** - this "basis of structural design for buildings and public works" covers structures in general and provides the basic direction for establishing and revising technical standards related to structural design. in principle, this "basis of structural design" requires explicit treatment of

**structural basis for antibody-mediated neutralization of ...** - research article structural biology structural basis for antibody-mediated neutralization of lassavirus kathryn m. hastie, 1michelle a. zandonatti, lara m. kleinfelter,<sup>2</sup> megan l. heinrich,<sup>3</sup> megan m. rowland,<sup>3</sup> kartik chandran,<sup>2</sup> luis m. branco,<sup>3</sup> james e. robinson,<sup>4</sup> robert f. garry,<sup>3,5</sup> erica ollmann sapphire<sup>1,6\*</sup>

**the arenavirus lassa causes severe hemorrhagic fever and a significant disease burden in structural basis of deah/rha helicase activity - mdpi** - structural basis of deah/rha helicase activity michael c. chen <sup>1,2</sup> and adrian r. ferré-d'amaré <sup>1,\*</sup>

**1 biochemistry and biophysics center, national heart, lung and blood institute, Bethesda, MD 20892, USA; michaelen@nih 2 department of chemistry, university of Cambridge, Cambridge CB2 1EW, UK**

**structural basis for interaction of fgf-1, fgf-2, and fgf ...** - a strong rationale to understand the structural basis of fgf-7 signaling. among the 23 mammalian fgf homologues and homologues from other species, the structures of only mammalian fgf-1 (also called acidic fgf) and fgf-2 (also called basic fgf), which have a much broader reactivity for fgfr isotypes, are available for comparison (11, 17-19).

**structural basis of ligand binding modes at the ...** - structural basis of ligand binding modes at the neuropeptide y y 1 receptor zhenlin yang <sup>1,2,15</sup>, shuo han <sup>1,3,15</sup>, max kellet <sup>4,15\*</sup>, anette kaiset <sup>5,15</sup>, btian j. bendet <sup>6,15</sup>, mathias bosse <sup>7</sup>, ketstin butkett <sup>5</sup>, lisa m. köglet <sup>5</sup>, david wifling <sup>4</sup>, guenther betnhatdt , nicole plank <sup>4</sup>, timo littmann , petet schmidt <sup>7</sup>, cuiying yi <sup>1</sup>, beibei li <sup>1,8</sup>,

**structural basis for the lipopolysaccharide export ...** - structural basis for the lipopolysaccharide export activity of the bacterial lipopolysaccharide transport system greg hicks and zongchao jia \* department of biomedical and molecular sciences, queen's university, Kingston, ON K7L 3N6, Canada; 8gah@queensu

**structural basis for recognition of diverse ...** - structural basis for recognition of diverse transcriptional repressors by the toplless family jiyuan ke, honglei ma, xin gu, adam thelen, joseph s. brunzelle, jiyang li, h. eric xu and karsten melcher doi: 10.1126/sciadv.1500107 sci adv€1 (6), e1500107.

**structural basis for murine norovirus engagement of bile ...** - structural basis for murine norovirus engagement of bile acids and the cd300lf receptor christopher a. nelson <sup>a,1</sup> , craig b. wilen <sup>a,1,2</sup> , ya-nan dai <sup>a,1</sup> , robert c. orchard <sup>a,3</sup> , arthur s. kim <sup>a</sup> , roderick a. stegeman <sup>a</sup> ,

**structural basis for escrt-iii protein autoinhibition** - structural basis for escrt-iii protein autoinhibition monika bajorek<sup>1,2</sup>, heidi l schubert<sup>1,2</sup>, john mccullough<sup>1,2</sup>, charles langelier<sup>1</sup>, debra m eckert<sup>1</sup>, william-may b stubblefield<sup>1</sup>, nathan t uter<sup>1</sup>, david g myszka<sup>1</sup>, christopher p hill<sup>1</sup> & wesley i sundquist<sup>1</sup>

**endosomal sorting complexes required for transport-iii (escrt-iii) subunits cycle between two states: soluble monomers and structural basis for differences in substrate selectivity ...** - structural basis for differences in substrate selectivity in kex2 and furin protein convertases†,‡ todd holyoak,§ charles a. kettner,| gregory a. petsko,§ robert s. fuller,⊥ and dagmar ringe\*,§

**rosenstiel basic medical sciences research center, brandeis university, Waltham, Massachusetts 02454,**

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**raman spectroscopy of carbon materials: structural basis ...** - chem. mater. 1990,2,557-563 raman spectroscopy of carbon materials: structural basis of observed spectra 557 yan wang, daniel c. alsmeier, and richard l. mccreery" department of chemistry, the ohio state university, 120 W. 18th Ave., Columbus, Ohio 43210 received April 17, 1990 the first- and second-order raman spectral features of graphite and related sp<sup>2</sup> carbon materials were

**structural basis of haem-iron acquisition by fungal pathogens** - structural basis of haem-iron acquisition by fungal pathogens lena nasser<sup>1</sup>, ziva weissman<sup>1</sup>, mariel pinsky<sup>1</sup>, hadar amartely<sup>2</sup>, haydvir<sup>3\*</sup> and daniel kornitzer<sup>1\*</sup>

**pathogenic microorganisms must cope with extremely low free-iron concentrations in the host's tissues mefungal structural basis and functional role of intramembrane ...** - molecular cell article structural basis and functional role of intramembrane trimerization of the fas/cd95 death receptor qingshan fu,<sup>1,6</sup> tian-min fu,<sup>1,2,6</sup> anthony c. cruz,<sup>3</sup> prabuddha sengupta,<sup>4</sup> stacy k. thomas,<sup>3</sup> shuqing wang,<sup>5</sup> richard m. siegel,<sup>3</sup> hao wu, <sup>1,2 \*</sup> and james j. chou \* <sup>1</sup>department of biological chemistry and molecular pharmacology, Harvard Medical School, Boston, MA 02115, USA

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**structural basis of signal transduction in the tnfr ...** - chapter five structural basis of signal transduction in the tnfr receptor superfamily jixi li, qian yin, hao wu1 program in cellular and molecular medicine, boston children's hospital and department of biological

**structural basis for bitter taste receptor activation and ...** - structural basis for bitter taste receptor activation and its potential role in targeting diabetes ravinder abrol1,2,\*, jun tan2,3, hongxiang hui4,5, william a. goddard iii2, and stephen j. pandolf1,5 1departments of medicine and biomedical sciences, cedars-sinai medical center, los angeles, **structural basis for the nuclear export activity of importin13** - structural basis for the nuclear export activity of importin13 marlene gru"nwald, daniela lazzaretti and fulvia bono\* max planck institute for developmental biology, tu"bingen, germany importin13 (imp13) is a bidirectional karyopherin that can mediate both import and export of cargoes. imp13 recog-nizes several import cargoes, which include ... **the structural basis of secondary active transport mechanisms** - review the structural basis of secondary active transport mechanisms lucy r. forresta, reinhard krämerc,\*, christine zieglerb a structural biology department, max planck institute for biophysics, max-von-laue str. 3, 60438 frankfurt, germany b computational structural biology group, max planck institute for biophysics, max-von-laue str. 3, 60438 frankfurt, germany **matrix repatterning: the structural basis of health** - matrix repatterning: the structural basis of health by george b. roth, b., d.c., n.d. introduction as many clinicians in the field of physical medicine have realized, diagnosis and treatment focused solely on the area of symptoms, is often frustrating and fruitless. **structural basis for the recognition of sonic hedgehog by ...** - structural basis for the recognition of sonic hedgehog by human patched1 . xin gong. 1 \*†, hongwu qian. 1 †, pingping cao †, xin zhao , qiang zhou , jianlin lei. 2, nieng yan. 1 \*‡ 1. state key laboratory of membrane biology, beijing advanced innovation center for structural biology, tsinghua-peking joint center for life sciences, school of **structural basis of divergent cyclin-dependent kinase ...** - article structural basis of divergent cyclin-dependent kinase activation by spy1/ringo proteins denise a mcgrath1, breanne fifield2, aimee h marceau1, sarvind tripathi1, lisa a porter2 & seth m rubin1,\* abstract cyclin-dependent kinases (cdks) are principal drivers of cell divi- **biotensegrity the structural basis of life** - 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structural basis of protein kinase c isoform function susan f. steinberg department of pharmacology, college of physicians and surgeons, columbia university, new york, new york i. introduction 1342 a. pkc isoform structure 1342 b. pkc activation and localization mechanisms in cells 1343 c. pkc interactions with rack proteins 1346 ii. the c1 ... **structural basis of nucleotide sugar transport across the ...** - structural basis of nucleotide sugar transport across the golgi membrane joanne l. 1parker 1 & simon n ewstead glycosylation is a fundamental cellular process that, in eukaryotes, occurs in the lumen of both the golgi apparatus and the endoplasmic reticulum 1. nucleotide sugar transporters (nsts) are **structural basis for transcript elongation control by nusg ...** - article structural basis for transcript elongation control by nusg family universal regulators jin young kang,1 rachel anne mooney, 2yuri nedialkov, 3,4jason saba, tatiana v. mishanina, irina artsimovitch, robert landick,2,5 and seth a. darst1,6,\* 1the rockefeller university, 1230 york avenue, new york, ny 10065, usa 2department of biochemistry, university of wisconsin-madison, madison, wi ... **structural basis of h2a.z recognition by srcap chromatin ...** - and provides the structural basis for its central role in h2a.z transac-tions. accordingly, the yl1-z (swc2-z) domain is required for h2a.z deposition . in vivo. and h2a.z replacement . in vitro, and the purified polypeptide exhibits h2a.z-chaperone activity. together, these stud-ies elucidated a new mechanism for histone-variant recognition ... **structural basis for molecular recognition of folic acid ...** - structural basis for molecular recognition of folic acid by folate receptors chenchen 1,2 \*,jiyuanke 1 \*,x.edwardzhou 1 ,weiyi 3 ,josephsunzelle 4 ,junli 5 ,eu-leongyong 5 ,hicxu 1,3 ... **structural basis for the modular recognition of single ...** - structural basis for the modular recognition of single-stranded rna by ppr proteins ping yin 1,2 \*, quanxiu li 1,2 \*, chuanyue yan 2,3 , ying liu 1,2 , junjie liu 2,3 , feng yu 4 , zheng wang 5 , jiafu long 5 , jianhua he 4 , **structural basis for angiopoietin-1 mediated signaling ...** - structural basis for angiopoietin-1-mediated signaling initiation xuehong yu a,1 , tom c. m. seegar b,1 , annamarie c. dalton b,1 , dorothea tzvetkova-robev a , yehuda goldgur a , **structural basis of respiratory syncytial virus subtype**

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... - structural basis of respiratory syncytial virus subtype-dependent neutralization by an antibody targeting the fusion glycoprotein daiyin tian, national institutes of health michael b. battles, geisel school of medicine at dartmouth syed m. moin, national institutes of health man chen, national institutes of health **structural basis of negative cooperativity in transthyretin** - vol. 48 structural basis of negative cooperativity in transthyretin 869 table1. thermsdifferences[Å]inthec positionscalculatedforthebb bindingsitesuperimposedon the aa site of the ttr tetramer. the ca 218 symbol indicates the rms differences calculated for c atoms of residues 10-125, with the flexible loop residues 99-104 excluded from the ... **structural basis for pharmacology of voltage-gated sodium** ... - opened the way to the structural biology of sodium channels. architecture of the pore. determination of the crystal structure of the bacterial sodium channel navab at high resolution (2.7 Å) has given new insights into the structural basis for many aspects of sodium channel function (fig. 1, b and d) (payandeh et al., 2011). as viewed from the ... **structural basis of protein translocation by the vps4-vta1** ... - structural basis of protein translocation by the vps4-vta1 aaa atpase nicole monroe, han han, peter s shen\*, wesley i sundquist\*, christopher p hill\* department of biochemistry, university of utah school of medicine, salt lake city, united states abstract many important cellular membrane fission reactions are driven by escrt pathways, **multiple choice. choose the one alternative that best** ... - 6)what is the inorganic compound that can be considered the structural basis for alcohols and ethers? discuss two ways in which the physical properties of alcohols and ethers are similar to properties of this compound. 6) multiple choice. choose the one alternative that best completes the statement or answers the question. **structural basis for dna recognition and processing by uvrh** - structural basis for dna recognition and processing by uvrh james j truglio1,3, erkan karakas1, benjamin rhau1, hong wang2, matthew j dellavecchia2, bennett van houten2 & caroline kisker1,3 dna-damage recognition in the nucleotide excision repair (ner) cascade is a complex process, operating on a wide variety **structural basis of semantic memory&tnqh x2606;** - 134 structural basis of semantic memory passive hippocampal reactivation of the memory trace is thought to sculpt and stabilize cortical representations of semantic content over time (mccllelland et al., 1995; squire and alvarez, 1995). **molecular and structural basis for redox regulation -actin** - molecular and structural basis for redox regulation of β-actin ingrid lassing1†, florian schmitzberger2†, mikael björnstedt3 arne holmgren2, pär nordlund2, clarence e. schutt4 and uno lindberg1\* 1department of microbiology, tumor biology, and cell biology, karolinska institutet, **structural basis for selectivity and diversity in ...** - with the aim of understanding the structural basis for the functional role of at2r receptor, zhang et. al. determined crystal structures of engineered at2r bound to two high-affinity ligands using x-ray free electron laser (xfel).!!! compound 1 at2r selective! compound 2 at1r/at2r dual active! **structural basis for binding specificity between ...** - structural basis for binding specificity between subclasses of modular polyketide synthase docking domains tonia j. buchholz1, todd w. geders2, frank e. bartley iii2, kevin a. reynolds3, janet l. smith2, and david h. sherman1,\* 1life sciences institute, departments of medicinal chemistry, chemistry, and microbiology & immunology, university of michigan, ann arbor, michigan 48109 **structural basis for klf4 recognition of methylated dna** - structural basis for klf4 recognition of methylated dna yiwei liu1, yusuf olatunde olanrewaju1, yu zheng2, hideharu hashimoto1, robert m. blumenthal3, xing zhang1 and xiaodong cheng1,\* 1department of biochemistry, emory university school of medicine, atlanta, ga 30322, usa, 2new england biolabs, 240 county road, ipswich, ma 01938, usa and 3department of medical microbiology and **en 1990 "eurocode : basis of structural design** - brussels, 18-20 february 2008 - dissemination of information workshop 1 eurocodes background and applications en 1990 - section 6, annexes a1 & a2 en 1990 "eurocode : basis of structural

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