

國家同步輻射研究中心 光束線使用時程 (TPS Schedule for NSRRC Beamline)

期別：2019-2

期間：2019/05/14 ~ 08/31

總時段數: 213 shifts

光束線： TPS 05A1 Protein Microcrystallography

發言人： 簡玉成

經理： 曾建璋

類別： 0：Proposal Evaluation Committee 1：Contract Beamline 2：Spokesperson 3：Beamline Maintenance & Study 6：Industrial Application 7：Directorate Discretion  
8：Training Course 10：Beamline Commission 11：National Project

時段數：時間單位，以用戶使用8小時為1時段計算

計畫領域： 01：Atomic and Molecular 02：Surface, Interface and Thin Films 03：Condensed Matter Physics 04：Materials Sciences  
05：Chemistry 06：Soft Matter 07：Protein Crystallography 08：Environmental and Earth Science  
09：Methodology and Instrumentation 10：Nanofabrication 11：Applied and Industrial Research 12：Others

TPS 05A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/05/14 09:00	2019/05/15 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2018-2-150-4	詹迺立	國立台灣大學醫學院生物化學暨分子生物學研究所	0	2019/05/15 09:00	2019/05/16 09:00	3	7	Structural dissection of the assembly and operation of the type II topoisomerase-mediated DNA gate
TPS 05A1	2019-1-056-2	郭瑞庭	中國科學院天津工業生物技術研究所	0	2019/05/16 09:00	2019/05/17 09:00	3	7	Structure and function investigations of two-enzyme system of hapalindole-type alkaloids biosynthesis
TPS 05A1	2019-2-131-1	吳文桂	國立清華大學生命科學系	0	2019/05/17 09:00	2019/05/18 09:00	3	7	Development of Inhibitors for High Molecular Weight Enzymes from Snake Venom: A New Treatment for Local Tissue Necrosis Caused by Snake Envenoming
TPS 05A1	2019-1-362-2	陳青諭	國立中央大學生命科學系	0	2019/05/18 09:00	2019/05/19 09:00	3	7	Crystal structure of ketol-acid reductoisomerase in complex with NAD (P)H and substrate analog
TPS 05A1	2019-1-084-2	何孟樵	中央研究院生物化學所	0	2019/05/19 09:00	2019/05/20 09:00	3	7	Structure studies of rice Sub1A-1 related to submergence resistance
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/05/20 09:00	2019/05/21 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-412-2	陳俊榮	NSRRC	2	2019/05/21 09:00	2019/05/22 09:00	3	7	Structures and mechanisms of Nodaviridae viruses (II)
TPS 05A1	2018-1-125-5	侯明宏	國立中興大學基因體暨生物資訊學研究所	0	2019/05/22 09:00	2019/05/23 09:00	3	7	Structural studies of the interaction between DNA binding compounds and mismatched DNAs
TPS 05A1	2019-1-249-2	馬徽	中央研究院基因體研究中心	0	2019/05/23 09:00	2019/05/24 09:00	3	7	Structural Studies of Membrane Proteins and Glycoproteins in Infectious Diseases
TPS 05A1	2019-1-339-2	台灣蛋白質計畫辦公室	中央研究院生物化學所	11	2019/05/24 09:00	2019/05/25 09:00	3	7	Structural analysis of proteins and protein-protein complexes important to pharmaceutical and industrial applications
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/05/28 09:00	2019/05/29 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)

TPS 05A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 05A1	2019-1-069-2	李宗璘	中央研究院基因體研究中心	0	2019/05/29 09:00	2019/05/30 09:00	3	7	A novel chemoenzymatic approach towards production of a series of aminoglycopeptide drugs against multidrug-resistant pathogens.
TPS 05A1	2019-1-399-2	袁小玲	中央研究院分子生物研究所	0	2019/05/30 09:00	2019/05/31 09:00	3	7	Structural insights into mitochondrial DNA maintenance by nucleases
TPS 05A1	2019-1-339-2	台灣蛋白質計畫辦公室	中央研究院生物化學所	11	2019/05/31 09:00	2019/06/01 09:00	3	7	Structural analysis of proteins and protein-protein complexes important to pharmaceutical and industrial applications
TPS 05A1	2019-1-057-2	蕭育源	國立交通大學生物科技學系暨研究所	0	2019/06/01 09:00	2019/06/02 09:00	3	7	Structural study and biomedical applications of APE1
TPS 05A1	2018-1-073-5	鄭貽生	國立台灣大學生命科學系	0	2019/06/02 09:00	2019/06/03 09:00	3	7	Structural investigation of histone deacetylases in complex with its regulating proteins in response to abiotic stresses
TPS 05A1	2019-1-081-2	王皓青	台北醫學大學轉譯醫學博士學位學程	0	2019/06/03 09:00	2019/06/04 09:00	3	7	A structure-based investigation on the potential biomedical and biochemical applications of the DNA mimic protein SAUGI
TPS 05A1	2019-2-073-1	張崇毅	中央研究院生物化學所	0	2019/06/04 09:00	2019/06/05 09:00	3	7	X-ray crystallographic analysis of intracellular proteases involved in bacterial protein quality control and cell wall remodeling
TPS 05A1	2019-1-186-2	伍素瑩	國家衛生研究院生物技術與藥物研究所	0	2019/06/05 09:00	2019/06/06 09:00	3	7	Structure-based drug design of MTHFD2 inhibitors and its application to cancer chemotherapy
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/06/06 09:00	2019/06/08 09:00	6	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/06/19 09:00	2019/06/20 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-165-2	王惠鈞	中央研究院生物化學所	0	2019/06/20 09:00	2019/06/21 09:00	3	7	X-ray Crystallography for Enzyme Engineering and Therapeutic Antibody Development
TPS 05A1	2019-1-412-2	陳俊榮	NSRRC	2	2019/06/21 09:00	2019/06/22 09:00	3	7	Structures and mechanisms of Nodaviridae viruses (II)
TPS 05A1	2019-1-117-2	周三和	國立中興大學生物化學所	0	2019/06/22 09:00	2019/06/23 09:00	3	7	Structural Study of several important Cyclic-Di-Nucleotides-Bound Protein Complexes
TPS 05A1	2018-1-225-5	徐駿森	國立台灣大學農化系(所)	0	2019/06/23 09:00	2019/06/24 09:00	3	7	Structural basis of human AMACR for the developments of anticancer drug and diagnostic reagents
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/06/25 09:00	2019/06/26 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)

TPS 05A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 05A1	2019-1-056-2	郭瑞庭	中國科學院天津工業生物技術研究所	0	2019/06/26 09:00	2019/06/27 09:00	3	7	Structure and function investigations of two-enzyme system of hapalindole-type alkaloids biosynthesis
TPS 05A1	2019-1-003-2	Yoon, Ho Sup	Nanyang Technological University, School of Biological Sciences	0	2019/06/27 09:00	2019/06/28 09:00	3	7	Development of anti-malarial immunophilin ligands : Three-dimensional structure determination of Plasmodium FK506-binding protein-ligand complexes
TPS 05A1	2019-1-051-2	王雯靜	國立清華大學生命科學系	0	2019/06/28 09:00	2019/06/29 09:00	3	7	Structural investigation of PKM2 cancer-related variants complexed with lipogenic ligands
TPS 05A1	2019-1-223-2	Robinson, Robert Charles	Okayama University, Research Institute for Interdisciplinary Science (RIIS)	0	2019/06/29 09:00	2019/06/30 09:00	3	7	Evolution of Protein Structure from Archaea to Eukaryotes
TPS 05A1	2019-1-093-2	黃晟洋	中山醫學大學生物醫學科學系所	0	2019/06/30 09:00	2019/07/01 09:00	3	7	Complexed crystal structures of PriA, SsbB and SsbC with ssDNA
TPS 05A1	2019-1-337-2	Song, Haiwei	Inst. of Molecular & Cell Biology (IMCB)	0	2019/07/01 09:00	2019/07/02 09:00	3	7	Structural and functional studies of the core kinase cascade and druggable YAP/TAZ-TEAD complex in the Hippo pathway
TPS 05A1	2019-2-054-1	時港洪	香港大學微生物學系	0	2019/07/02 09:00	2019/07/03 09:00	3	7	Identification of peptide preventing endosomal acidification to inhibit multiple-virus infection
TPS 05A1	2019-1-249-2	馬徽	中央研究院基因體研究中心	0	2019/07/03 09:00	2019/07/04 09:00	3	7	Structural Studies of Membrane Proteins and Glycoproteins in Infectious Diseases
TPS 05A1	2018-3-050-3	夏國強	中央研究院分子生物研究所	0	2019/07/04 09:00	2019/07/05 09:00	3	7	Structure study of gamma tubulin complex regulating microtubule assembly
TPS 05A1	2019-1-185-2	陳擘	弘光科技大學生物科技系	0	2019/07/05 09:00	2019/07/06 09:00	3	7	Structural analysis of bacterial NeuC and SiaA
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/07/09 09:00	2019/07/10 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-399-2	袁小玲	中央研究院分子生物研究所	0	2019/07/10 09:00	2019/07/11 09:00	3	7	Structural insights into mitochondrial DNA maintenance by nucleases
TPS 05A1	2019-2-060-1	林俊宏	中央研究院生物化學所	0	2019/07/11 09:00	2019/07/12 09:00	3	7	Development of Glucuronidase and Galectin Inhibitors
TPS 05A1	2018-2-091-4	區詠娥	香港中文大學理學院生命科學學院	0	2019/07/12 09:00	2019/07/13 09:00	3	7	Structural study of M.tuberculosis proteins
TPS 05A1	2019-2-141-1	蘇士哲	國立清華大學生物資訊與結構生物所	0	2019/07/13 09:00	2019/07/14 09:00	3	7	Structural and functional studies of chemokine variant CCL5-13AAA15 (2)
TPS 05A1	2018-3-186-3	呂平江	國立清華大學生物資訊與結構生物所	0	2019/07/14 09:00	2019/07/15 09:00	3	7	Structural and functional investigation of arylalkylamine N-acetyltransferase like (AANATL) proteins and circularly permuted knotted proteins

TPS 05A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 05A1	2019-1-165-2	王惠鈞	中央研究院生物化學所	0	2019/07/15 09:00	2019/07/16 09:00	3	7	X-ray Crystallography for Enzyme Engineering and Therapeutic Antibody Development
TPS 05A1	2019-1-412-2	陳俊榮	NSRRC	2	2019/07/16 09:00	2019/07/17 09:00	3	7	Structures and mechanisms of Nodaviridae viruses (II)
TPS 05A1	2018-2-150-4	詹迺立	國立台灣大學醫學院生物化學暨分子生物學研究所	0	2019/07/17 09:00	2019/07/18 09:00	3	7	Structural dissection of the assembly and operation of the type II topoisomerase-mediated DNA gate
TPS 05A1	2019-2-046-1	蕭傳鐙	中央研究院分子生物研究所	0	2019/07/18 09:00	2019/07/19 09:00	3	7	Interaction studies of C-type lectin 18 (CLEC18) and Toll-like receptor ligand using structural approaches
TPS 05A1	2019-1-101-2	孫玉珠	國立清華大學生命科學系	0	2019/07/19 09:00	2019/07/20 09:00	3	7	Structural and Functional Studies of Pi Transport Regulator Protein by X-ray crystallography
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/07/23 09:00	2019/07/24 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2018-1-125-5	侯明宏	國立中興大學基因體暨生物資訊學研究所	0	2019/07/24 09:00	2019/07/25 09:00	3	7	Structural studies of the interaction between DNA binding compounds and mismatched DNAs
TPS 05A1	2019-2-073-1	張崇毅	中央研究院生物化學所	0	2019/07/25 09:00	2019/07/26 09:00	3	7	X-ray crystallographic analysis of intracellular proteases involved in bacterial protein quality control and cell wall remodeling
TPS 05A1	2019-2-231-1	Ngo, Jacky Chi Ki	香港中文大學理學院生命科學學院	0	2019/07/26 09:00	2019/07/27 09:00	3	7	Structural studies of CAG repeat RNA in complex with inhibitors
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/07/27 09:00	2019/07/29 09:00	6	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-084-2	何孟樵	中央研究院生物化學所	0	2019/07/29 09:00	2019/07/30 09:00	3	7	Structure studies of rice Sub1A-1 related to submergence resistance
TPS 05A1	2019-2-046-1	蕭傳鐙	中央研究院分子生物研究所	0	2019/07/30 09:00	2019/07/31 09:00	3	7	Interaction studies of C-type lectin 18 (CLEC18) and Toll-like receptor ligand using structural approaches
TPS 05A1	2019-1-101-2	孫玉珠	國立清華大學生命科學系	0	2019/07/31 09:00	2019/08/01 09:00	3	7	Structural and Functional Studies of Pi Transport Regulator Protein by X-ray crystallography
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/08/01 09:00	2019/08/03 09:00	6	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-095-2	簡玉成	NSRRC	3	2019/08/06 09:00	2019/08/07 09:00	3	7	Beamline maintenance & study (II) (TLS 13B1, 13C1, 15A1, TPS 05A)
TPS 05A1	2019-1-135-2	Liew, Chong-Wai	Nanyang Technological University, School of Biological Sciences	0	2019/08/07 09:00	2019/08/08 09:00	3	7	Structural studies of complexes involved in transcriptional regulation of chromatin, human RIG-I like receptors, and Flavivirus, Alphavirus and mycobacterial enzymes

TPS 05A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 05A1	2019-2-092-1	Ren, Ee Chee	Agency for Science, Technology and Research (A*STAR), Singapore Immunology Network (SIgN)	0	2019/08/08 09:00	2019/08/09 09:00	3	7	Crystal structures study of HLA-A1101, HLA-B1502, HLA-B4601, HLA-B5701 and other HLAs in complex with different peptides and drugs involved in hypersensitivity reactions
TPS 05A1	2018-3-069-3	Yuan, Yuren	National University of Singapore (NUS), Dept. of Biological Sciences	0	2019/08/09 09:00	2019/08/10 09:00	3	7	Elucidating the subunits assemble Mechanism of Type-III & structural insight into gene editing role of Type-V CRISPR/Cas System
TPS 05A1	2019-1-069-2	李宗璘	中央研究院基因體研究中心	0	2019/08/10 09:00	2019/08/11 09:00	3	7	A novel chemoenzymatic approach towards production of a series of aminoglycopeptide drugs against multidrug-resistant pathogens.
TPS 05A1	2019-1-186-2	伍素瑩	國家衛生研究院生物技術與藥物研究所	0	2019/08/11 09:00	2019/08/12 09:00	3	7	Structure-based drug design of MTHFD2 inhibitors and its application to cancer chemotherapy
TPS 05A1	2019-1-023-2	Abe, Ikuro	The University of Tokyo, Graduate School of Pharmaceutical Sciences, Laboratory of Natural Products Chemistry	0	2019/08/12 09:00	2019/08/13 09:00	3	7	X-ray crystal structure analysis of novel bifunctional terpene cyclase
TPS 05A1	2019-1-117-2	周三和	國立中興大學生物化學所	0	2019/08/13 09:00	2019/08/14 09:00	3	7	Structural Study of several important Cyclic-Di-Nucleotides-Bound Protein Complexes
TPS 05A1	2019-2-005-1	Morita, Hiroyuki	University of Toyama	0	2019/08/14 09:00	2019/08/15 09:00	3	7	X-ray crystal analysis of enzymes involved in the new biosynthetic pathway of peptidoglycan
TPS 05A1	2019-1-339-2	台灣蛋白質計畫辦公室	中央研究院生物化學所	11	2019/08/15 09:00	2019/08/16 09:00	3	7	Structural analysis of proteins and protein-protein complexes important to pharmaceutical and industrial applications
TPS 05A1	2019-2-186-1	Tanaka, Hideaki	Osaka University, Inst. for Protein Research	0	2019/08/16 09:00	2019/08/17 09:00	3	7	High resolution structure determination of the huge membrane protein complexes involved in photosynthesis

05A1 PEC: 153 Shifts (71.8%)

SPK: 9 Shifts (4.2%)

M&S: 42 Shifts (19.7%)

NP: 9 Shifts (4.2%)