

平成25年度 微生物病研究所
研究業績発表会

日時: 平成26年1月31日(金)

会場: 融合型生命科学総合研究棟1階 谷口記念講堂

主催: 評価検討委員会・感染症学免疫学融合プログラム推進室

8:30-11:30 受付 (投票用紙交付)/Registration

8:35-8:45 開会挨拶 所長 目加田 英輔/Opening Remarks

概要説明 准教授 村上 良子(感染症学免疫学融合プログラム推進室)/Explanation

Session 1 座長: 名田 茂之(発癌制御研究分野) /Chair: Shigeyuki Nada (Dept. of Oncogene Research)

- 8:45-9:05 1. 細胞機能分野/Dept. of Cell Biology
HB-EGF-targeting CRM197 mutants for cancer therapy 生命・D5 Keisuke Suzuki
鈴木 圭祐
- 9:05-9:25 2. 分子遺伝研究分野/Dept. of Molecular Genetics
Withaferin A selectively causes cell death in high-grade prostate and tongue cancer cells
through induction of c-Fos and FosB 生命・M2 Yukihiro Nishikawa
西川 幸宏
- 9:25-9:45 3. 発癌制御研究分野/Dept. of Oncogene Research
MicroRNA-mediated Src upregulation promotes tumor progression 理・M2 Rie Kokuda
穀田 理恵
- 9:45-10:05 4. 情報伝達分野/Dept. of Signal Transduction
Roles of miR-125b on angiogenesis and its potential as anti-angiogenic therapy 医・D1 Fumitaka Muramatsu
村松 史隆
- 10:05-10:25 5. 細胞制御分野/Dept. of Cellular Regulation
Mg²⁺-efflux suppresses cancer progression by regulating energy metabolism 助教 Yosuke Funato
船戸 洋佑
- 10:25-10:45 6. ゲノム病原細菌学研究グループ/Lab. of Genomic Research on Pathogenic Bacteria
VopC, a T3SS2 effector of *Vibrio parahaemolyticus*, mediates invasion and actin stress fiber
formation 医・D3 Ryu Okada
岡田 龍
- 10:45-11:00 休憩 / Break

Session 2 座長: 明田 幸宏(臨床感染症学研究グループ) /Chair: Yukihiro Akeda
(Lab. of Clinical Research on Infectious Diseases)

- 11:00-11:20 7. 感染細胞生物学研究グループ/Lab. of Infection Cell Biology
Molecular dissection of the *Clostridium botulinum* type B hemagglutinin complex 特任助教 Yo Sugawara
菅原 庸
- 11:20-11:40 8. 臨床感染症学研究グループ(明田G)/Lab. of Clinical Research on Infectious Diseases (Akeda G)
Neutrophil Extracellular Traps in Bronchial Aspirates: A Quantitative Analysis 医・D4 Shigeto Hamaguchi
濱口 重人
- 11:40-12:00 9. 感染症学・免疫学融合研究グループ/Lab. of Combined Research on Microbiology and Immunology
Structure of a type IV secretion system core complex essential for pathogenesis of
Legionella infection 特任講師 Tomoko Kubori
久堀 智子
- 12:00-12:20 10. 分子細菌学分野/Dept. of Molecular Bacteriology
Genome sequencing of *Bordetella bronchiseptica* S798 strain isolated from a pig 医・D3 Keisuke Okada
岡田 圭祐
- 12:20-12:40 11. 感染症メタゲノム研究分野/Dept. of Infection Metagenomics
Microbial genomics by single molecule real-time sequencing 特任研究員 Daisuke Motooka
元岡 大祐
- 12:40-13:00 12. 感染症学免疫学融合プログラム推進室/Combined Program on Microbiology and Immunology
enChIP: a method for locus-specific biochemical analysis of genome functions 助教 Toshitsugu Fujita
藤田 敏次
- 13:00-13:50 休憩(昼食) / Lunch Break

Session 3 座長: 藤井 穂高(感染症学免疫学融合プログラム推進室)/Chair: Hodaka Fujii
(Combined Program on Microbiology and Immunology)

13:50-14:10	13. 分子原虫学分野 /Dept. of Molecular Protozoology N-terminal repetitive sequences of <i>Plasmodium falciparum</i> SERA5 are malaria protective epitopes with an intrinsically unstructured nature in Ugandan adults	特任研究員	Masanori Yagi 八木 正典
14:10-14:30	14. 感染病態分野 /Dept. of Immunoparasitology A <i>Toxoplasma</i> virulence factor GRA6 activates NFAT4 in a strain-dependent manner	医・D4	Jisu Ma 馬 知秀
14:30-14:50	15. 分子免疫制御分野 /Dept. of Molecular Immunology EB virus LMP2a-expressing B cells evade the germinal center selection	特任研究員	Takeharu Minamitani 南谷 武春
14:50-15:10	16. 自然免疫学分野 /Dept. of Host Defense Microtubule-driven spatial arrangement of mitochondria promotes activation of the NLRP3 inflammasome	学振特別研究員	Takuma Misawa 三澤 拓馬
15:10-15:30	17. 免疫化学分野 /Dept. of Immunochemistry Cellular misfolded proteins transported to the cell surface by MHC class II molecules are targets for autoantibodies in autoimmune diseases	招へい研究員	Kenji Tanimura 谷村 憲司
15:30-15:50	18. 遺伝情報実験センター /Genome Informaiton Research Center Isolation and propagation of neural crest stem cells from mouse embryonic stem cells via cranial neurospheres	准教授	Masami Nozaki 野崎 正美
15:50-16:05	休憩 / Break		

Session 4 座長: 中山 英美(ウイルス感染制御分野)/Chair: Emi Nakayama (Dept. of Viral Infections)

16:05-16:25	19. 免疫不全疾患研究分野 /Dept. of Immunoregulation Comprehensive analysis of genes required for GPI biosynthesis	助教	Morihsa Fujita 藤田 盛久
16:25-16:45	20. 遺伝子機能解析分野 /Dept. of Experimental Genome Research Expression of TEX101, regulated by ACE, is essential for the production of fertile mouse spermatozoa	助教	Yoshitaka Fujihara 藤原 祥高
16:45-17:05	21. ウイルス感染制御分野 /Dept. of Viral Infections Investigation and consideration of the functional structure of HIV-1 packaging and dimerization signal (Psi/DLS)	助教	Jun-ichi Sakuragi 櫻木 淳一
17:05-17:25	22. 分子ウイルス分野 /Dept. of Molecular Virology Exchangeable apolipoproteins participate in the particle formation of hepatitis C virus	助教	Takasuke Fukuhara 福原 崇介
17:25-17:45	23. ウイルス免疫分野 /Dept. of Virology Characterization of H5N1 highly pathogenic avian influenza virus variants selected in patients	助教	Yohei Watanabe 渡邊 洋平
17:45-18:05	24. ウイルス研究グループ /Lab. of Viral Infection Identification of Host Factors Involved in Flavivirus Replication	特任助教	Keisuke Tabata 田端 桂介

投票、表彰式等 / Election and Ceremony

18:05-18:50	投票及び開票 / Election
18:50-20:30	表彰式及び懇親会 / The 2013 Award Ceremony of RIMD, and Party

パネルポスターによる発表者 / Poster Presenters

25. 臨床感染症学研究グループ(神谷G) /Lab. of Clinical Research on Infectious Diseases (Kamitani G)	SARS coronavirus nsp1 protein utilizes host RNA decay machinery for RNA cleavage	特任准教授	Wataru Kamitani 神谷 亘
26. ウイルス複製研究グループ /Lab. of Viral Replication	Identification and characterization of a new fusogenic orthoreovirus from a patient with acute respiratory infection	医・D2	Takahiro Kawagishi 川岸 崇裕