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PRESS RELEASE

## RSV

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### RSV

**Cationic-nanogel nasal vaccine containing the ectodomain of RSV-small hydrophobic protein induces protective immunity in rodents**

2023

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NPJ Vaccines

Respiratory syncytial virus (RSV)

F G)

Enhanced Disease, VED)

RSV

(  
(Vaccine-  
F

RSV

RSV

VED

RSV

(SHe)

A PspA

(SHe-PspA)

(cCHP)

SHe-PspA

cCHP-

[SHe-PspA]

cCHP-[SHe-PspA]

SHe

IgA

IgG

VED

RSV

RSV

RSV

IgA

RSV

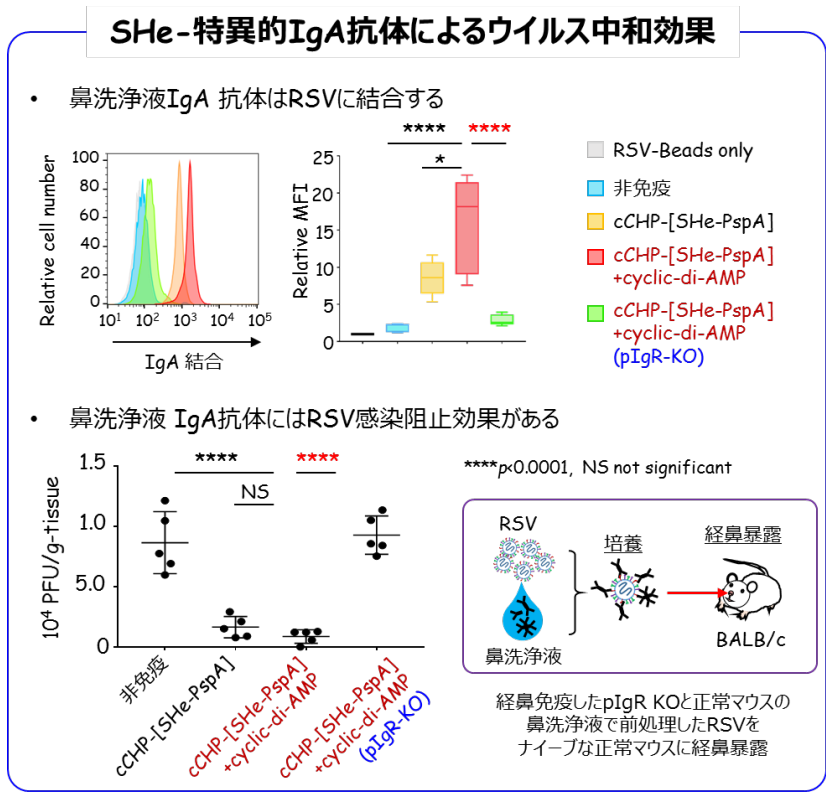
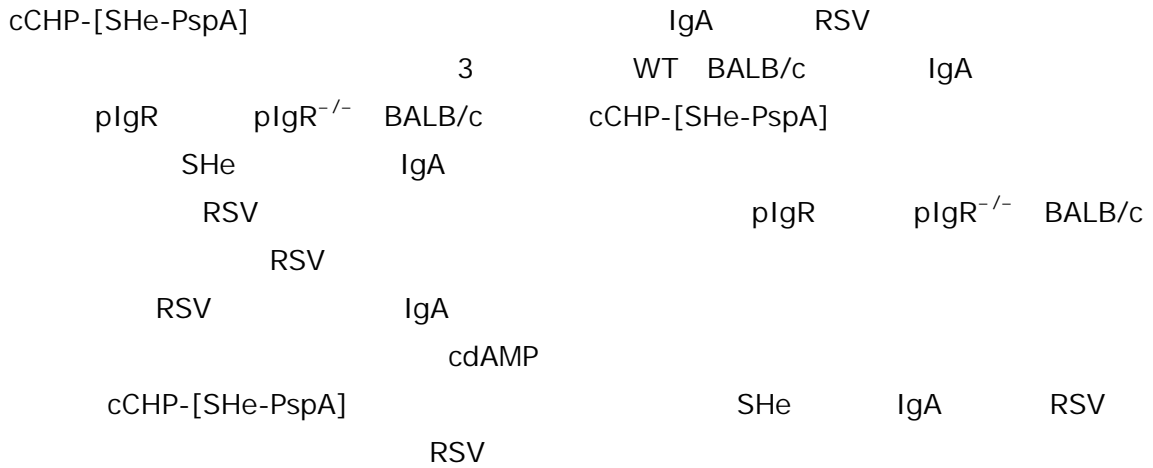
RSV



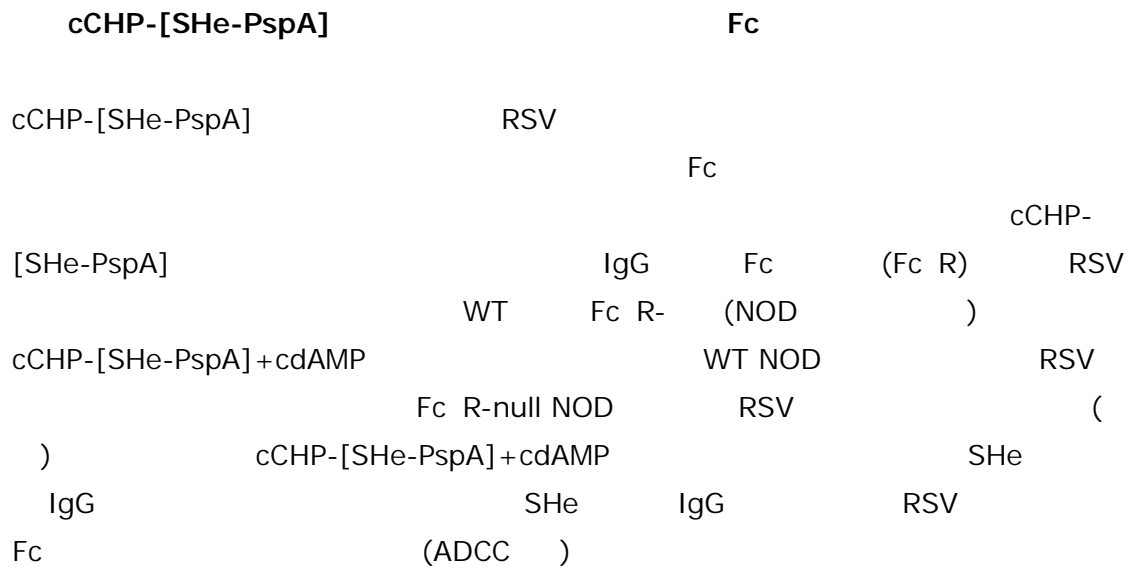


RSV

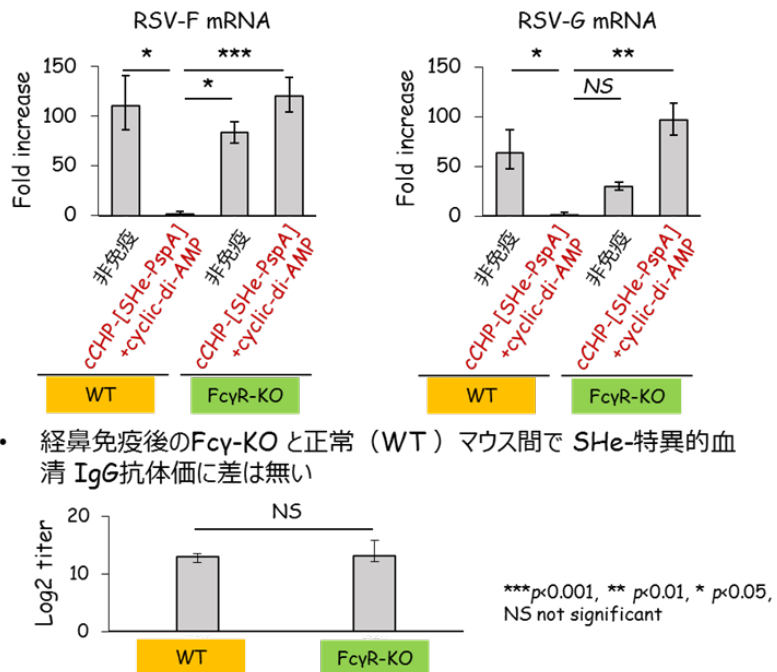
cCHP-[SHe-PspA]



3 cCHP-[SHe-PspA]



FcγR-KO マウスへのRSV暴露試験 (肺中RSV測定)



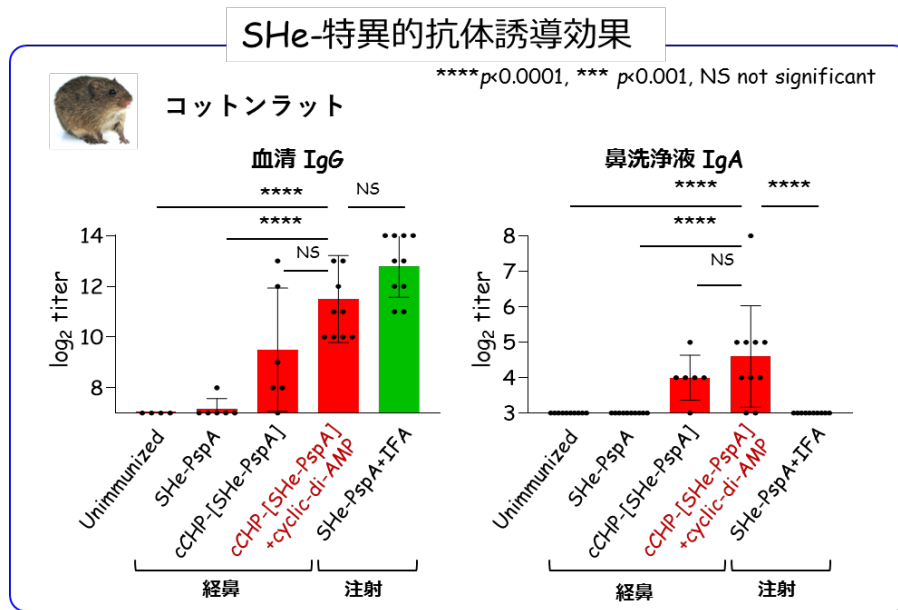
4 SHe IgG Fc RSV



[SHe-PspA]

RSV

cCHP-[SHe-PspA]



6 cCHP-[SHe-PspA]

RSV

cCHP

SHe

VED

RSV

RSV

URL

NPJ Vaccines

Cationic-nanogel nasal vaccine containing the ectodomain of RSV-small hydrophobic protein induces protective immunity in rodents

Shingo Umemoto<sup>1,2,3</sup>, Rika Nakahashi-Ouchida<sup>1,4,5,6</sup>, Yoshikazu Yuki<sup>4,5,7</sup>, Shiho Kurokawa<sup>4,5</sup>, Tomonori Machita<sup>4,5</sup>, Yohei Uchida<sup>4,5</sup>, Hiromi Mori<sup>4,5</sup>, Tomoyuki Yamanoue<sup>4,5</sup>, Takehiko Shibata<sup>8,9</sup>, Shin-Ichi Sawada<sup>10</sup>, Kazuya Ishige<sup>11</sup>, Takashi Hirano<sup>2</sup>, Kohtaro Fujihashi<sup>5,6,12,13</sup>, Kazunari Akiyoshi<sup>10</sup>, Yosuke Kurashima<sup>1,3,5,6,12,14,15</sup>, Daisuke Tokuhara<sup>3,16</sup>, Peter B Ernst<sup>3,17,18,19</sup>, Masashi Suzuki<sup>2</sup>, Hiroshi Kiyono<sup>1,3,5,6,7,19,20</sup> Corresponding author

1,2,3, 1,4,5,6, 4,5,7, 4,5, 4,5,  
 4,5, 4,5, 4,5, 8,9, 10, 11, 2,  
 5,6,12,13, 10, 1,3,5,6,12,14,15, 3,16, Peter B Ernst<sup>3,17,18,19</sup>,  
 2, 1,3,5,6,7,19,20

- 1.
- 2.
3. -UC San Diego  
 Center for Mucosal Immunology, Allergy and Vaccine:cMAV (CU-UCSD  
 cMAV)
- 4.
- 5.
- 6.
7. HanaVax
- 8.
- 9.
- 10.
- 11.
- 12.
13. Department of Pediatric Dentistry, The University of Alabama at Birmingham,  
 Birmingham, AL, USA
- 14.
- 15.
- 16.
17. Division of Comparative Pathology and Medicine, Department of Pathology,



University of California, San Diego, CA, USA

18. Center for Veterinary Sciences and Comparative Medicine, University of California, San Diego, CA, USA

19.

20.

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S(18H05280:H.K.);

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(AMED)(JP21am0401029:H.K.,

(SCARDA) 223fa627003h0001:R.N-O., Y.K., K.F., H.K.);

(AMED)

NeDDTrim) (JP21ae0121040:H.K.);

(Y.K.);

Chiba University-UC San Diego Center for Mucosa

Immunology, Allergy and Vaccine: cMAV (Y.K., P.E., H.K.); National Institute of

Diabetes and Digestive and Kidney Disease (NIDDK) P30 DK120515(P.E.,

H.K.); (K22-3045:P.E., Y.K., H.K.,

H.K.); (Y.K.); 3M (H.K.)

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