

Febrile Illness



Descriptive data on fever from China

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Questionnaire from three hospitals



Tertiary level

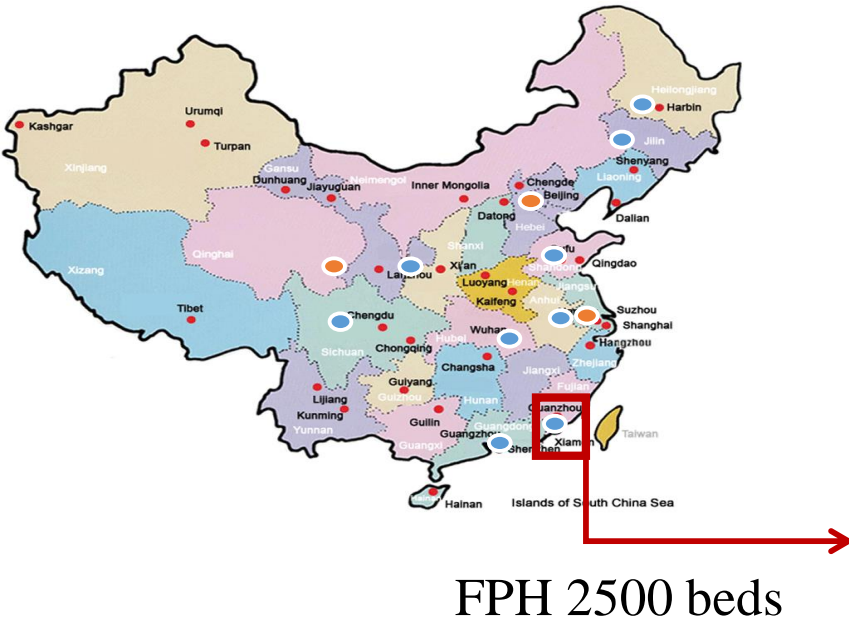
- Beijing Children Hospital (BCH)
- The Third People's Hospital of Shenzhen (SZTPH)
- Fujian Provincial Hospital (FPH)

**CPRN, China
Pneumonia
Research
Network**

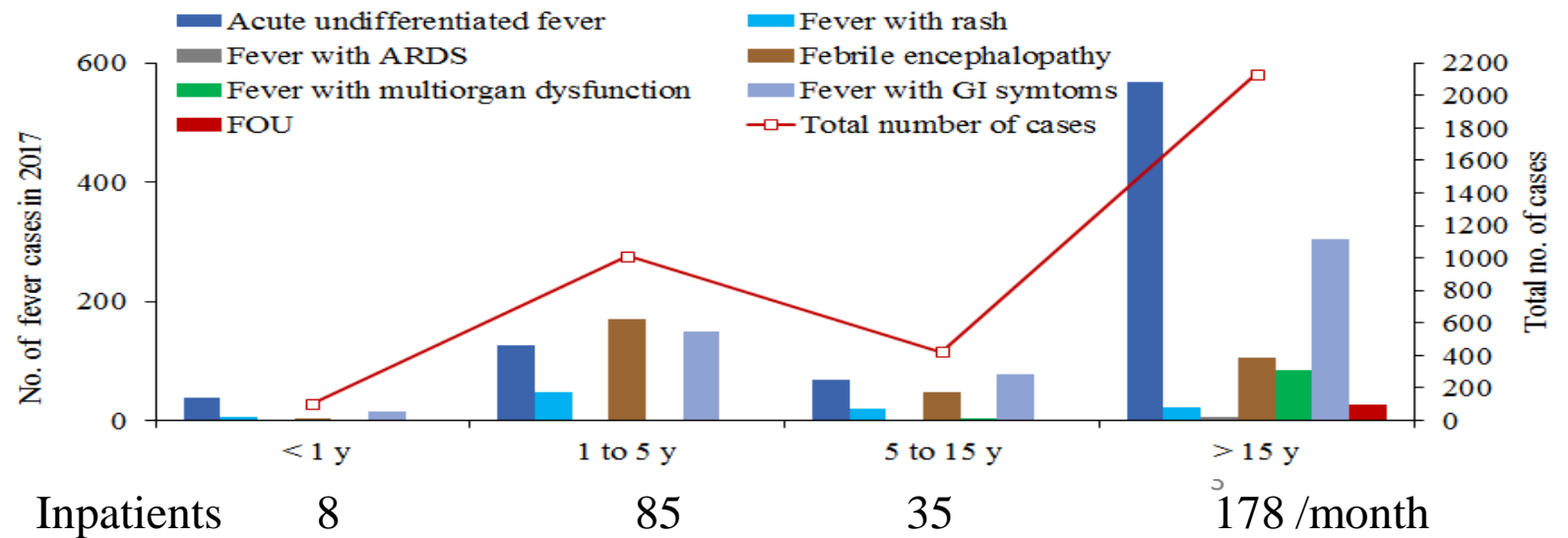
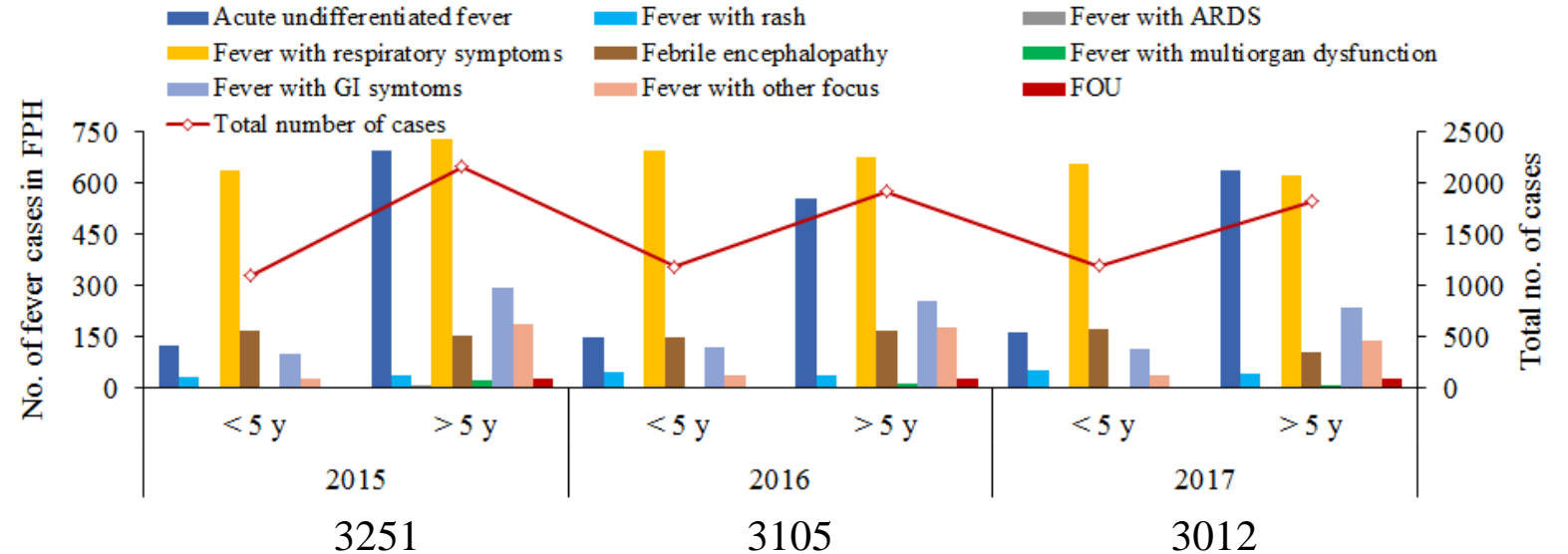
Data from FPH



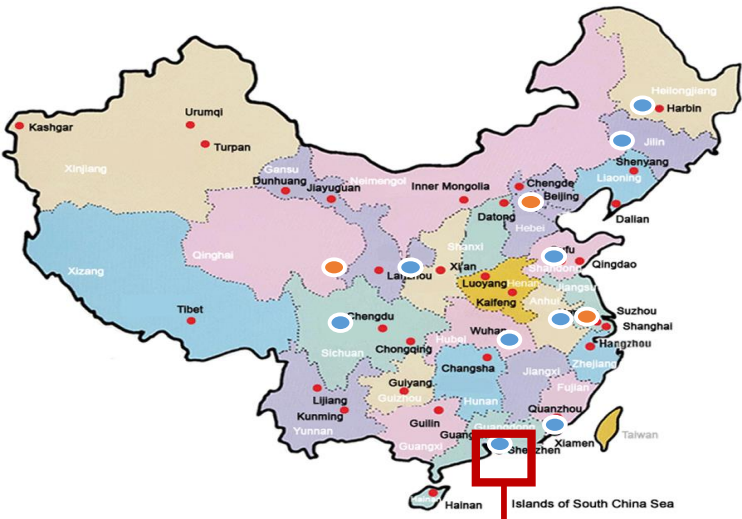
福建省立医院
FUJIAN PROVINCIAL HOSPITAL



- General hospital with the most beds in Fujian Province
- Yearly outpatient visits, 2 million
- Yearly inpatient visits, 80,000
- Average of 3.9% inpatients suffered acute fever

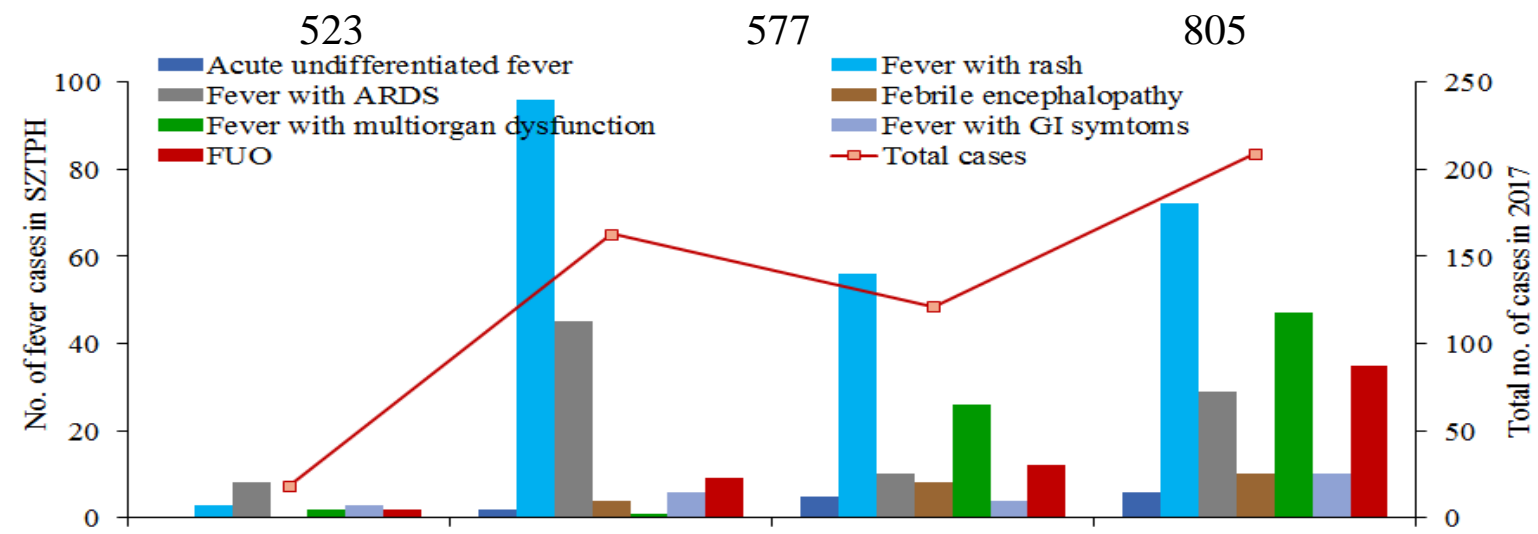
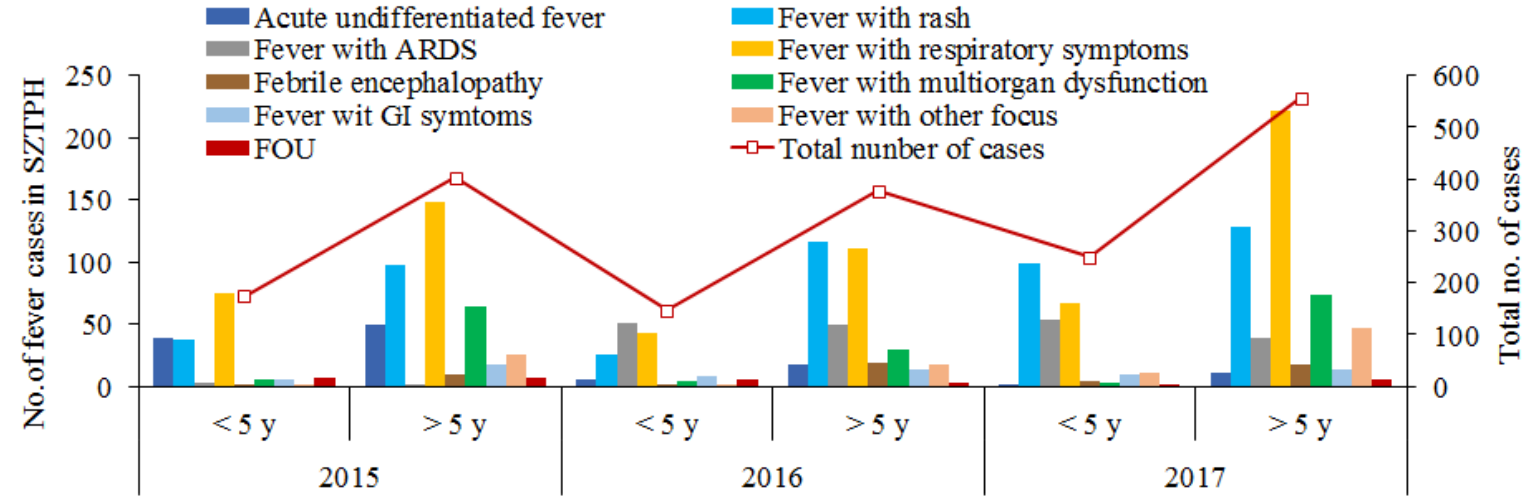


Data from SZTPH



SZTPH 800 beds

- Special for patients suffered infectious diseases Yearly outpatient visits, 910,000
- Yearly inpatient visits, 31,000
- Average of 2.0% inpatients suffered acute fever



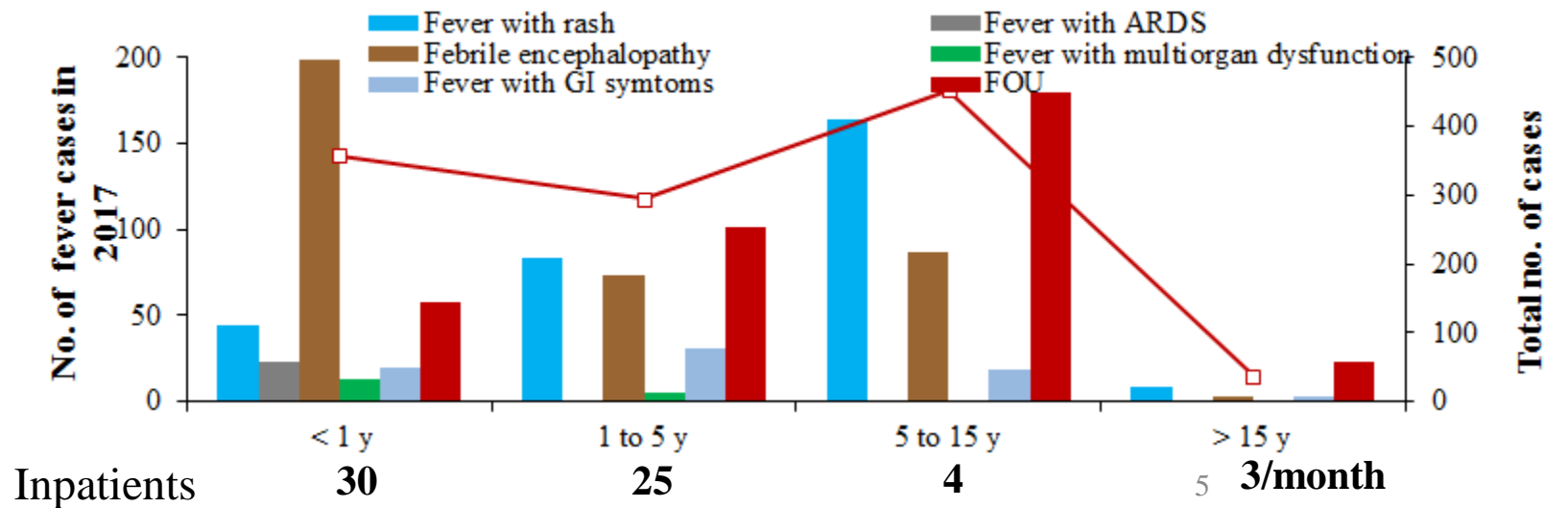
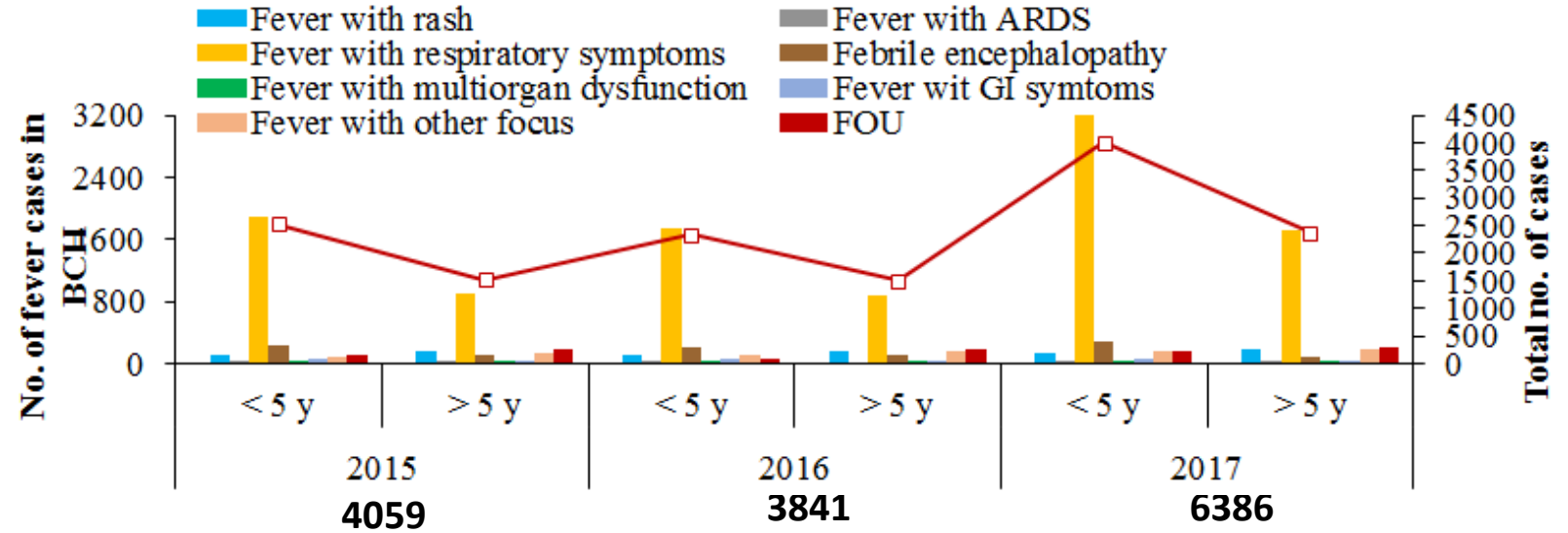
Data from BCH



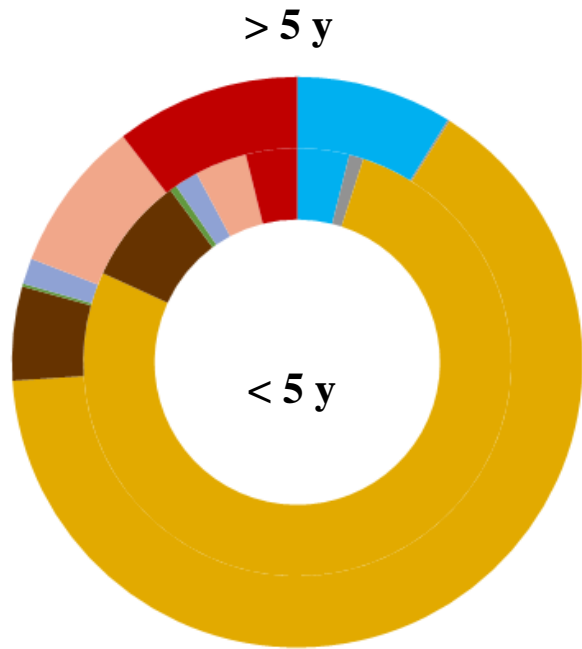
BCH 970 beds



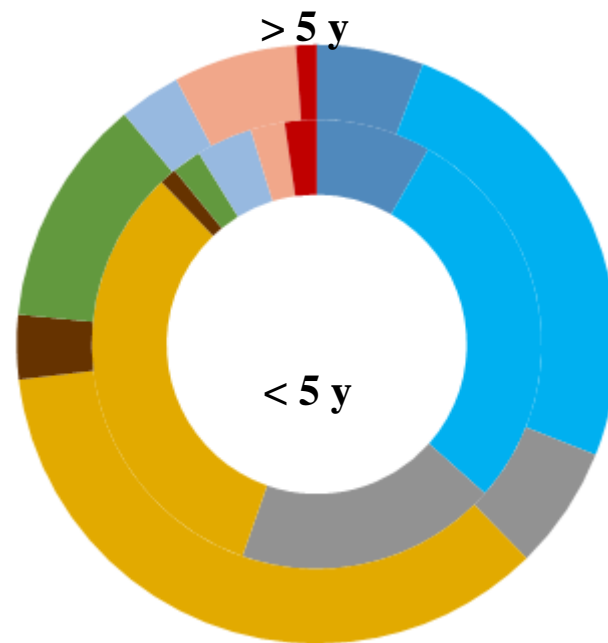
- Children hospital, the most famous in China
- Yearly outpatient visits, 3 million
- Yearly inpatient visits, 70,000
- Average of 6.8% inpatients suffered acute fever



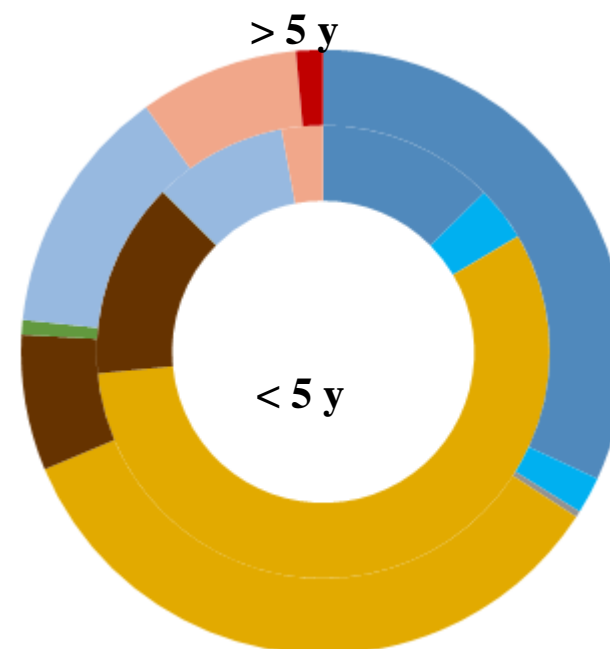
Fever illness in different sites



BCH
Children hospital



SZTPH
Special for patients with
infectious diseases and also
common patients

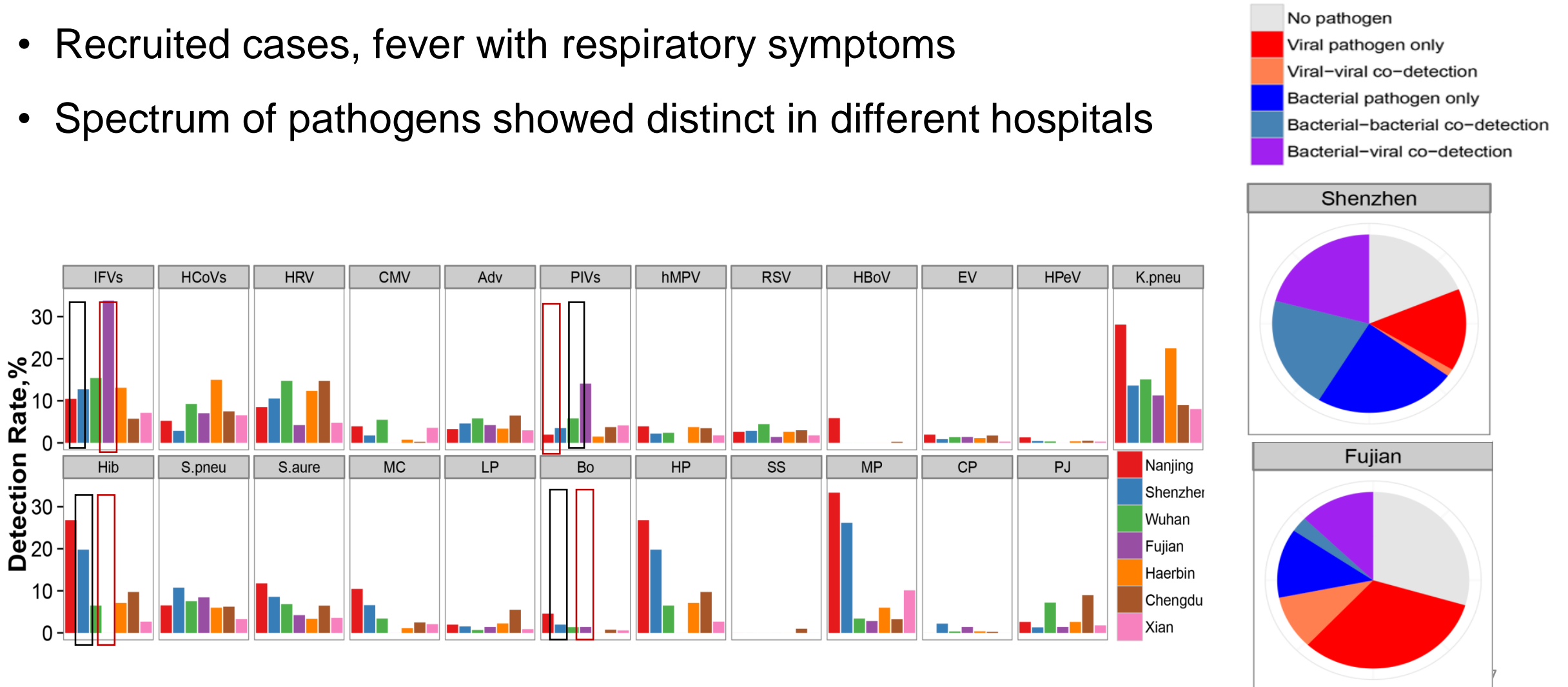


FPH
General hospital

- Acute undifferentiated fever
- Fever with rash
- Fever with ARDS
- Fever with respiratory symptoms
- Febrile encephalopathy
- Fever with multiorgan dysfunction
- Fever with GI symptoms
- Fever with other focus
- FOU

Respiratory pathogens detected by site

- Recruited cases, fever with respiratory symptoms
- Spectrum of pathogens showed distinct in different hospitals



Site Capacity Description

Christophe Merieux Laboratory

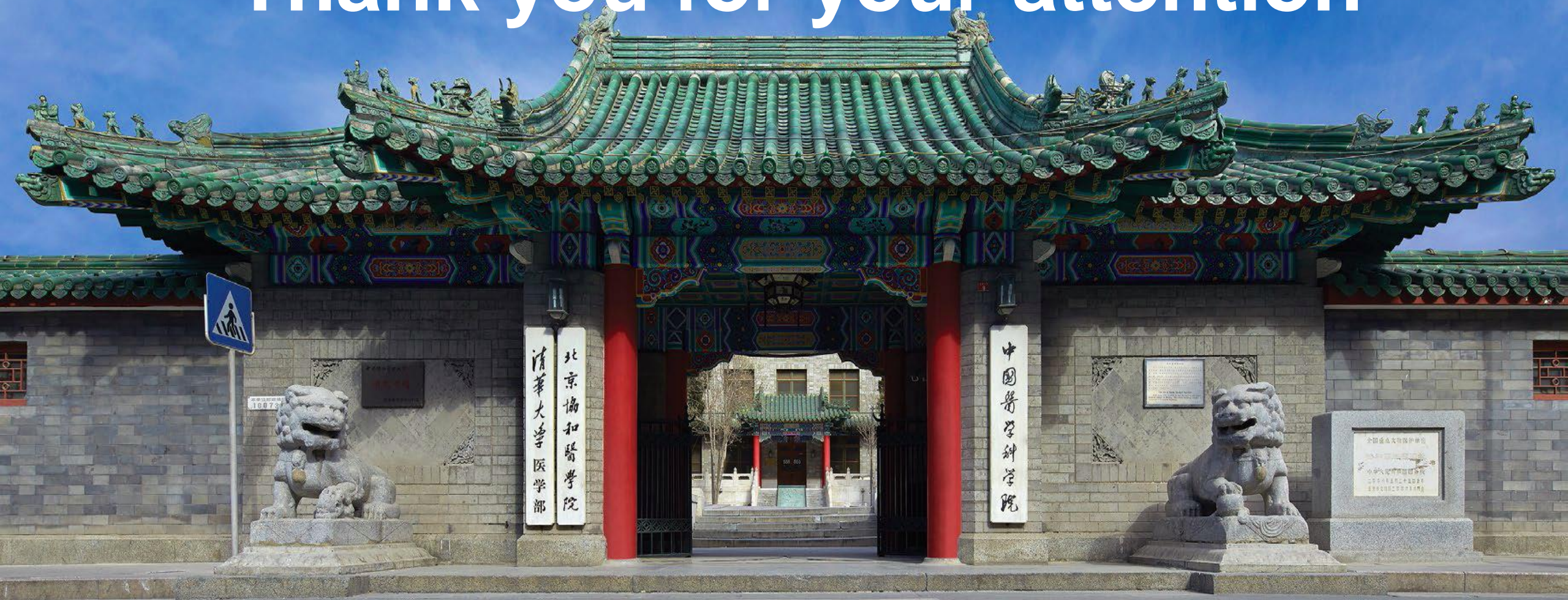
- Blood culture... *No Performed in clinical lab*
- CSF cultures... *No Performed in clinical lab*
- Other Microbiological cultures... **Yes.** Viral isolation from respiratory tract samples.
- Real-time PCR for pathogen detection ... **Yes.** Average of 40 samples/month was detected by using FTD or methods designed by CML



In conclusion

- Febrile illness with symptoms were distinct in different hospitals
- Fever illness with respiratory symptoms showed in high proportion in adults and children
- FOU showed in high proportion in pediatric patients

Thank you for your attention



Viruses	
IFVs	Human Influenza viruses
IFV-A	Influenza A
IFV-B	Influenza B
IFV-C	Influenza C
HRV	Human Rhinovirus
HCoVs	Human Coronaviruses
HCoV-OC43	Coronavirus OC43
HCoV-229E	Coronavirus 229E
HCoV-HKU1	Coronavirus HKU1
HCoV-NL63	Coronavirus NL63
CMV	Cytomegalovirus
Adv	Adenovirus
PIVs	Parainfluenza viruses
hMPV	Human metapneumovirus
RSV	Respiratory syncytial virus
HBoV	Human bocavirus
EV	Enterovirus
EV/HPeV	Enterovirus/parechovirus
HPeV	Human parechoviruses

Bacteria	
K.pneu	Klebsiella pneumoniae
HP	Haemophilus parahaemolyticus
Hib	Haemophilus influenzae type B
S.pneu	Streptococcus pneumoniae
S.aure	Staphylococcus aureus
MC	Moraxella catarrhalis
LP	Legionella species
Bo	Bordetella spp (except Bordetella parapertussis)
SS	Salmonella species
MP	Mycoplasma pneumoniae
CP	Chlamydia pneumoniae
PJ	Pneumocystis jirovecii