



International Alliance for  
Biological Standardization



### **Le Sun, Ph.D**

CSO & Founder

Beijing 101111, China AbMax  
Biotechnology Inc.

Address: Bldg 18-2-201, 99 Kechuang  
14th St., BDA, Beiiina, China

Tel: +86-13511017904

Fax: +86-010-59755718

E-mail: [Lsun@antibodychina.com](mailto:Lsun@antibodychina.com)

Dr. Sun, Adjunct Prof. of Beijing Normal University, CSO & Founder of AbMax Biotechnology. He was the President & Co-founder of Precision Antibody/A&G Pharma, Baltimore, MD, USA, the Director of R& D at Upstate Biotechnology Inc, NY, USA. Dr. Sun received his PhD in biochemistry/cell biology from Tsinghua Univ. Beijing. He was Post-Dr. Dr. David Barnes's lab at Oregon State Univ. Dr. Sun, has close to 40 yrs experience in antibody generation, rec. protein expression, assay development, antibody drug & vaccine development. In Jan 2020, in collaboration with Chinese CDC, his team was the 1st one in the world generated mouse mAbs against COVID-19. His team also developed serological SARS-CoV-2 S1 Antibody ELISA kit and used by HuBei CDC, Wuhan, China, in April 2020. His team's work was published in "Clinical Infectious Diseases". His team was awarded grants from BMGF, Beijing & Tianjin Sci & Tech Comm. His team has also developed thousands of mAbs & many ELISA kits for human vaccines including HAV, HBV, HPV, HSV, IPV, RAV, RSV, VZV, EV71/CA16/CA10, Meningococcal Polysaccharides, Pneumococcal Polysaccharide, etc. Dr. Sun invented a Patented technology to express virus glycoprotein in mammalian cells at 50-100mg/L level. Dr. Sun has more than 50 scientific publications and 15 patents.

## Related publications:

1. Ren WL, Sun H, Gao GF, ..., Li M, Xia CX, Li MH, L. Sun. "A COVID-19 vaccine based on the spike S1 protein with a novel adjuvant induces high level of neutralizing responses in nonhuman primates" **Vaccine** (2020) 38:5653-5658.
  2. R.Q. Zhao, M.H.Li, et al., L.Sun. "Early detection of SARS-CoV-2 antibodies in COVID-19 patients as a serologic marker of infection" **Clinical Infectious Diseases** (2020) 71(16):2066-72.
  3. R.Q. Zhao, Y.Shan, et al. L.Sun, "Novel strategy for expression and characterization of rabies virus glycoprotein" **Protein expression and purification** (2020) 168:105567.
- R.Q. Zhao, P.Yu, et al., L.Sun, "Rabies virus glycoprotein serology ELISA for measurement of neutralizing antibodies in sera of vaccinated human subjects" **Vaccine** 37 (2019) 6060-6067.

