

**第六届“巴斯德-阿海珐疫苗学与结核病学”培训课程**  
**2012.05.24-26. 上海**

**课程介绍:**

The missions of Institute Pasteur of Shanghai, Chinese Academy of Sciences (IPS), are to develop and promote research, education and public health activities to contribute to the prevention and treatment of infectious diseases.

The Pasteur-Areva course will invite world's leading experts in vaccines, tuberculosis and clinical sciences to give cutting edge lectures in immune response, prevention and treatment to tuberculosis, and vaccine biology.

The course is given to over one hundred graduate students, senior undergraduate students, post-doctoral scientists, research scientists and physicians from China and the Pasteur international network.

This course is issued from the partnership of AREVA group with Institute Pasteur of Shanghai, Chinese Academy of Sciences (IPS-CAS).

**课程组委会成员:**

Pr Ralf Altmeyer, IPS-CAS

Pr Bing Sun, IPS-CAS

Pr Paul Zhou, IPS-CAS

Pr Bin Li, IPS-CAS

**课程日程安排:**

| Time                           | Topic   | Lecturer         | Chair             |
|--------------------------------|---|------------------|-------------------|
| 24 <sup>th</sup> May, Thursday |   |                  |                   |
| 8:00-09:30                     | Registration  |                  |                   |
| 09:30-10:15                    | Opening Ceremony<br>Group Photo                             | All participants | Pr. Ralf Altmeyer |
| Keynote Lectures               |   |                  |                   |
| 10:15-11:15                    | Human immune responses in mycobacterial infections          | Robert Modlin    | Pr. Ralf Altmeyer |
| 11:15-12:15                    | The role of dendritic cells in immunization and vaccination | Ira Mellman      |                   |

|                              |   |                   |                 |
|------------------------------|---|-------------------|-----------------|
| 12:30-13:30                  | Lunch   |                   |                 |
| Vaccine                      |   |                   |                 |
| 13:30-14:30                  | Vaccine Adjuvants: Putting Innate Immunity to Work  | Robert L. Coffman | Pr. Ira Mellman |
| 14:30-15:30                  | DNA vaccines: mechanisms, immunogenicity, and applications                                      | Margaret Ann Liu  |                 |
| 15:30-15:45                  | Break   |                   |                 |
| 15:45-16:45                  | Using a better understanding of the mechanisms of HIV transmission to guide vaccine development | Thomas Hope       |                 |
| 16:45-17:45                  | Nonhuman Primate Studies for Prevention of HIV Infection  | Ronald S. Veazey  |                 |
| 18:30                        | Welcome dinner  |                   |                 |
| 25 <sup>th</sup> May, Friday |   |                   |                 |
| 8:00-9:00                    | Targeting OX40 and pDC to enhance anti tumor immunity   | Yongjun Liu       | Pr. Paul Zhou   |
| 9:00-10:00                   | A novel vaccine strategy against RSV infection  | Bin Wang          |                 |
| 10:00-10:15                  | Break   |                   |                 |
| 10:15-11:15                  | Development of viru-like particle vaccines against HFMD   | Zhong Huang       |                 |
| 11:15-12:15                  | Roles of Ag-specific gamma delta T cells, CTL, Treg, Th1 and Th22 in immunity against TB        | Zheng W. Chen     |                 |
| 12:30-13:30                  | Lunch   |                   |                 |
| 13:30-14:30                  | Development of “Universal” Immunogens against High Pathogenic Avian Influenza H5N1 Viruses      | Paul Zhou         | Pr. Yongjun Liu |
| 14:30-15:30                  | TBC   | Hui Xiao          |                 |
| 15:30-15:45                  | Break   |                   |                 |
| 15:45-16:45                  | BCG and new vaccine candidates against tuberculosis   | Brigitte Gicquel  |                 |

|                                |   |                    |                      |
|--------------------------------|---|--------------------|----------------------|
| 16:45-17:45                    | New Tuberculosis Vaccines and Protective Immunity   | Ying Zhang         |                      |
| 26 <sup>th</sup> May, Saturday |   |                    |                      |
| Tuberculosis                   |   |                    |                      |
| 8:00-9:00                      | Immune factors involved in protection or pathogenesis in tuberculosis: from mouse models to human disease | Anne O'Garra       | Pr. Brigitte Gicquel |
| 9:00-10:00                     | SIV/M.tb Coinfection of Chinese Monkeys   | Wenzhe Ho          |                      |
| 10:00-10:15                    | Break   |                    |                      |
| 10:15-11:15                    | Epidemiology and prevention of TB in China  | Yanlin Zhao        |                      |
| 11:15-12:15                    | Intrinsic and Extrinsic Factors Regulating Host Anti-Tuberculosis Defense                                 | Padmini Salgame    |                      |
| 12:30-13:30                    | Lunch   |                    |                      |
| 13:30-14:30                    | Cyclic AMP signaling in M. tuberculosis: advantages of speaking the host language                         | Kathleen McDonough | Pr. Bing Sun         |
| 14:30-15:30                    | TB and diabetes   | Hardy Kornfeld     |                      |
| 15:30-15:45                    | Closing ceremony  |                    |                      |

#### 授课人:

Dr. Zheng W. Chen (University of Illinois College of Medicine Chicago, USA)

Dr. Robert L. Coffman (Dynavax Technologies, USA)

Dr. Kathleen Mc Donough (Wadsworth Center, USA)

Dr. Brigitte Gicquel (Institut Pasteur, France)

Dr. Anne O' Garra (MRC National Institute for Medical Research, UK)

Dr. Wenzhe Ho (Wuhan University, China)

Dr. Thomas Hope (Northwestern University Medical School, USA)

Dr. Zhong Huang (Institut Pasteur of Shanghai, CAS, USA)

Dr. Hardy Kornfeld (UMass Medical School, USA)

Dr. Margaret Ann Liu ( Karolinska Institute, USA)

Dr. Yongjun Liu (Baylor Research Institute, USA)

Dr. Ira Mellman (Genentech, USA)

Dr. Robert Modlin (UCLA, USA)

Dr. Padmini Salgame (UMDNJ-New Jersey Medical School, USA )  
Dr. Ronald S. Veazey (Tulane University School of Medicine, USA)  
Dr. Bin Wang (Fudan University Shanghai Medical College, China)  
Dr. Hui Xiao ((Institut Pasteur of Shanghai, CAS, China)  
Dr. Ying Zhang (Johns Hopkins University, USA)  
Dr. Yanlin Zhao (China CDC, China)  
Dr. Paul Zhou (Institut Pasteur of Shanghai, CAS, China)

**课程资助条件:**

1. 有良好的生物、医学相关专业知识
2. 未来有志于从事生物医学领域研究，特别是传染病方面的基础研究
3. 2—3 年级在校本科生

**申请人递交材料:**

1. 个人计划 (letter of intention)
2. 个人简历 (CV, 中英文)
3. 导师推荐信 (letter of reference)

**联系人:**

吴宁 Tel: +86-21-63842921 Email: nwu@sibs.ac.cn