

## BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

|   |   |         |                     |
|---|---|---------|---------------------|
| NAME<br>Ying Song   | POSITION TITLE<br>Postdoctoral Research Associate |         |                     |
| eRA COMMONS USER NAME (credential, e.g., agency login)  |   |         |                     |
| EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i> |   |         |                     |
| INSTITUTION AND LOCATION  | DEGREE<br><i>(if applicable)</i>                  | YEAR(s) | FIELD OF STUDY      |
| Yantai Normal University, Yantai, P.R.China   | B.S.  | 2001    | Biological Sciences |
| Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan, P.R.China  | Ph.D.   | 2006    | Hydrobiology        |
| Rice University, Houston, Texas, USA  | Postdoc   | 2008-   | Evolution           |

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

### A. Positions and Honors.

#### Professional experience

08/2006 – 02/2007 - Research Assistant, Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan, P.R.China

04/2008 – 08/2008 - Visiting Scientist, Dept. of Ecology & Evolutionary Biology, Rice University, USA

08/2008 – Postdoctoral Research Associate, Dept. of Ecology & Evolutionary Biology, Rice University, USA

#### Honors and Awards

1998 Scholarship of individual event, Yantai Normal University

1999 Merit student, Yantai Normal University

2000 Excellent student for academic performance, Yantai Normal University

2002 Third prize scholarship, Institute of Hydrobiology, Chinese Academy of Sciences

### B. Selected peer-reviewed publications (in chronological order).

1. Song Y., Vera N., and Kohn M.H. 2008. Vitamin K epoxide reductase complex subunit 1 (Vkorc1) haplotype diversity in mouse priority strains. BMC Research Notes 1:125
2. Song Y., Nie P., Wang G. T., Yao W. J., and Gao Q. 2008. Phylogeny of freshwater parasitic copepods in the Ergasilidae (Copepoda: Poecilostomatoida) based on 18S and 28S rDNA sequences. Parasitol Res. 102, 299-306.
3. Song Y., Yao W. J., and Nie P. 2008. A new parasitic copepod Ergasilus danjiangensis n. sp. (Poecilostomatoida: Ergasilidae) on gills of two cyprinid fish Opsariichthys bidens and Zacco platypus. Acta Zootaxonomica Sinica. 33, 236-240.
4. Sun B. J., Xie H. X., Song Y., and Nie P. 2007. Gene structure of an antimicrobial peptide from mandarin fish, Siniperca chuatsi (Basilewsky), suggests that moronecidins and pleurocidins belong in one family: the piscidins. J Fish Dis. 30, 335-343.
5. Sun B. J., Chang M. X., Song Y., Yao W. J., and Nie P. 2007. Gene structure and transcription of IRF-1 and IRF-7 in the mandarin fish Siniperca chuatsi. Vet Immunol Immunopathol. 116, 26-36.

Program Director/Principal Investigator (Last, First, Middle): Kohn, Michael Hans

6. Gao Q., Chen M. X., Yao W. J., Gao Y., Song Y., Wang G. T., Wang M. X., and Nie P. 2006. Phylogeny of diplozoids in five genera of the subfamily Diplozoinae Palombi, 1949 as inferred from ITS-2 rDNA sequences. *Parasitology*. 14, 1-9.
7. Chang M. X., Nie P., Liu G. Y., Song Y., and Gao Q. 2005. Identification of immune genes in grass carp *Ctenopharyngodon idella* in response to infection of the parasitic copepod *Sinergasilus major*. *Parasitol Res.* 96, 224-229.
8. Luo H. Y., Nie P., Chang M. X., Song Y., and Yao W. J. 2004. Characterization of development-related genes for the cestode *Bothriocephalus acheilognathi*. *Parasitol Res.* 94, 265-274.

Translations

Liu Y. D., Bao S. S., and Song Y., trans. 2002. *A Fishkeeper's Guide to the Healthy Aquarium* written by Neville Carrington (UK). China Agriculture Press, Beijing, China.