

## **Postdoctoral position in fungus-cyanobacterium symbiosis**

We are seeking 1 postdoc to work on the newly reported **fungus-cyanobacterium symbiosis system - Phyllosymbia**. We aim to understand the formation and maintenance of this symbiosis using integrated approaches. Successful candidate will investigate this symbiosis using community analysis, comparative genomics, metagenome/metatranscriptome, advanced microscopy, and manipulation experiments to monitor nutrient exchange & phenotypic performances.

The position is fully funded (initial 12-month appointment, extendable for 4-5 years). The starting salary is 65,000 NTD per month (negotiable based on experience). Start date negotiable.

Ideal candidates should have experience working with comparative genomics, metagenome/metatranscriptome analysis, or physiology of photosynthetic organisms. Required qualification: A PhD (or incoming PhD) in relevant fields (e.g. Biology, Plant Pathology, Ecology and Evolution, Genomics). A track record of publication(s).

To apply, please email [kohsuanchen@gate.sinica.edu.tw](mailto:kohsuanchen@gate.sinica.edu.tw) with the following information:

**-CV**

**-a brief statement of interest**

**-names & contacts of 2 referees**

### **Other notes:**

\* Benefits include: Health and labor insurance, year-end bonuses, annual salary adjustments (following Academia Sinica regulations), weekends off, national holidays, annual leave, and compensatory leave per Taiwan labor laws.

\* We are committed to a fun, inclusive and collaborative lab culture.

\* Biodiversity Research Center at AS fosters many collaborations within and across laboratories

\* There is possibility that you can establish and work on an independent project that we

share mutual interest and expertise in. In such case, please email to discuss.

**Relevant links:**

[Chen et al. 2025. Science Advances.](#)

<https://www.science.org/doi/10.1126/sciadv.adt4093>

[Chen et al. 2025. Current Biology.](#) [https://www.cell.com/current-biology/fulltext/S0960-9822\(25\)00374-4](https://www.cell.com/current-biology/fulltext/S0960-9822(25)00374-4)

[Biodiversity Research Center, Academia Sinica, Taipei, Taiwan](#) <https://biodiv.tw/>