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| **PERSONAL DETAILS** |
| E:\我的资料\422802198308192639.jpg | Full Name | Tingyu Shi |
| Gender | Male |
| Designation | Associate Professor |
| Department | *Medical School*  |
| Institution/Organization | *Hubei Minzu University* |
| Qualification | Doctor |
| Area of Specialization | Tuberculosis |
| Sub Division  | Persistence of Mycobacteria |
| DOB | Auguste 19, 1983 |
| DOJ | May 30, 2015 |
| Total Experience |  |
| Mobile Number | +86-13659872906 |
| Email | shitingyu198@126.com |
| **About your Education, Experience and Academic achievements (200 words)**In 2015, I graduated from the Wuhan institute of Virus of the Chinese Academy of Sciences and obtained a Doctor of Science degree in microbiology. Since 2015, I have been engaged in teaching and scientific research at the Medical School of Hubei Minzu University. I have led and participated in five National Natural Science Foundation projects and several other projects, and published over 20 papers in academic journals both domestically and internationally. |

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| **RESEARCH, INNOVATIONS AND EXTENSION** |
| **Question** | **Nos.** | **Question** | **Nos.** |
| No. of Research Project Completed and On Going | 5 | Citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index |  |
| No. of Consultancy and Industries Sponsored Projects  | 0 | No. of Books Published with ISBN(Text, Reference, Chapters and Conference Proceedings) |  |
| Total cost of the all Projects in USD/INR | 60000 USD | No. of Patent Published and Under Process |  |
| No. of Journals Published in SCI and SCIE index | 9 | No. of Editorial Appointments in Journals/ Conferences (Editor, Reviewer and Member) | 10 |
| No. of Journals Published in Scopus, Web of Science and PubMed index | 9 | No of Countries Visited for research activities |  |
| No. of Journals Published in Other index | 14 | No. of Research scholar Graduated | 1 |
| No. of Conference Presentation | 5 | No. of Research scholar On Going |  |
| Cumulative impact factor of the last 3 years |  | No. Invited Speaker/ Resource person | 5 |
| H-index: Bibliometrics of the publications based on Scopus/ Web of Science. |  | No. of Research Conference/workshop Organized |  |
| Total number of Collaborative activities for research: (Joint publication/Project) | 30 | Total number of awards and recognition received | 4 |
| Number of functional MoUs with other universities/ industries/ corporate. |  | No. of Member of Professional Bodies: |  |
| **Areas of Research** | Persistence of Mycobacteria |
| **About your contribution towards the Research & Development, Innovations, and Extension Activities (200 words)**A large number of studies showed that polyphosphate (polyP) plays a very important role in the physiology and virulence of bacteria, and polyP is described as a “multifaced biopolymer”. PolyP was found in *M. tuberculosis* 60 years ago. The major synthetase of polyP, PPK1, is highly conserved in bacteria and plays many important roles. To our knowledge, we have discovered for the first time that polyP is involved in the formation of mycobacterial biofilms. In the recent study, we found that *ppk1* deficiency mutation led to the morphological and ultramicrostructure changes of biofilm, and the reduction of short chain fatty acids of *M. smegmatis*. We also found that *ppk1* deficiency mutation led to increased susceptibility of bacteria to vancomycin. In addition, we demonstrated that PPK1 was an important virulence factor responsible for survival in macrophages of *Mycobacteria* by altering the expression levels of various inflammatory factors. |

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| **PERSONAL/ RESEARCH PROOFS, CATEGORY OF AWARD AND DECLARATION** |
| Google scholar link (Publication Proof) |  |
| Scopus link (Publication Proof) |  |
| Linkedin link(Publication Proof) |  |
| Researchgate link(Publication Proof) | https://www.researchgate.net/profile/Tingyu-Shi-5 |
| Institute ID Link/Upload/Number(Working Proof) | https://www.hbmzu.edu.cn/yxb/info/1020/3904.htm |
| Certificate Links/Upload/Number(Education Proof of Last degree) | No. 1443022015003531 |
| Passport/ Govt. ID Links/Upload/ Number (Age Proof) | 422802198308192639 |
| Personal website link | https://www.researchgate.net/profile/Tingyu-Shi-5 |
| Tick the Suitable award category | * Distinguished Scientist Award
* Young Scientist Award
* Life time achievement Award
* Outstanding scientist award
* Women Research Award

 Best Researcher Award* Best Innovation Award
 | * Best Faculty Award
* Best Research Scholar Award
* Excellence in Innovation
* Excellence in Research
* Excellence Award (Any Scientific field)
* Best Research /Innovation Extension activity.
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**Self Declaration**

I authenticate that to the best of my knowledge, the information given in this form is correct and complete. At any time I am found to have concealed any material information, my application shall be liable to be summarily terminated without notice. I have read the terms and conditions and other policies of the International Research Awards and agree to stand the same. I agree to Pencis to process the data submitted in this application form, or any other data that the Foundation may obtain from me for any purposes connected with Pencis for any other legitimate reason. The filled applications along with duly completed curriculum vitae, Pass port size photograph, Scan copy of the degree Certificate, Scan copy of the Working ID and related documents should be Upload in website/ sent via email to : contact@pencis.com

**Date :April. 6.2023 Place : Enshi, Hubei province, China Scanned Signature of Applicant**

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| **Decision** | **Reason** | **Signature of authorities** | **Date** |
| **Selected/Rejected** |  |  |  |