

## Indo-German Cooperation in Health Research Call for Proposals 2017

Within the agreement of Indo-German cooperation in S&T of 1974, the Department of Biotechnology, Government of India and Forschungszentrum Julich BMBH (FZJ), Federal Republic of Germany, has agreed for cooperative programme in biotechnology.

The purpose of the programme is to stimulate new collaborations, e.g. the preparation of joint projects under national funding programmes. The programme facilitates bilateral cooperation in biotechnology between the scientific communities of India and Germany by way of Joint research projects which will encompass Bilateral workshops/seminar and exchange visits of scientist.

### 1. Nodal Implementing Agencies

Department of Biotechnology (DBT) of the Ministry of Science & Technology, Government of India, New Delhi and the Project Management Agency at the German Aerospace Center (DLR-PT, European and International Cooperation), Bonn are the nodal implementing agencies from the Indian and German side respectively.

### 2. Area of cooperation

Proposals in identified priority area is “Bioinformatics in Health Research”.

### 3. Evaluation and selection criteria

- Relevance to German and Indian national programmes and multinational programmes (e.g. EU-programmes)
- Preparation of new projects in applied fields of mutual benefit and justification for collaboration
- Quality and originality of research approach
- Qualification of applicant and availability of infrastructure
- Expected results and outcomes
- Proposals should include young scientists

### 4. Who can apply?

Scientists/faculty members working in regular capacity in universities, national R&D laboratories/ institutes and private R&D institutes can apply under this programme.

Private Sector: Partners from all kind of private sectors are welcome, but financing is limited:

1. For **Indian scientists** from the private sector, only local hospitality in Germany as part of the exchange visit is available from the German side;
2. For **German scientists** from the private sector, only travel costs are available for small and medium size enterprises (for definition of SME ref. to 2003/361/EC) as well as local hospitality in India will be borne by themselves.

### 5. Project duration

2 years, extendable by one year with prior approval by DBT and BMBF.

## 6. Processing

Joint research projects are required to be submitted to both the nodal agencies by **15<sup>th</sup> January 2018**. Unilaterally submitted projects shall not be considered.

Jointly agreed collaborative research project on specific formats would be received by the respective Secretariat of the Programme. On German side, the International Bureau of BMBF requests electronic applications (+ 1 paper version with signatures) in English or German using the following website:

<https://secure.pt-dlr.de/ptoutline/app/dbt2017>

**On Indian side five copies and soft copy of the English version of the joint project along with Indian cost proforma detailed in Annexure-A must be submitted.** In addition, Indian Companies are required to submit audited statement of last three years and should have DSIR certification. Indian companies should contribute 50% of the budget towards the project.

The projects should be submitted to the nodal persons whose contact details are given below. All received proposals are peer reviewed and processed independently by both sides.

## 7. Contact persons for submission of proposals:

The request for format and projects should be submitted to the nodal persons whose contact details are given below. All received proposals are peer reviewed and processed independently by both sides.

Indian Side :

Dr. Shailja V. Gupta  
Advisor, Department of Biotechnology  
Ministry of Science and Technology  
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Tel : + 91 (0)11 2436 3748  
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E-mail : [shailja@dbt.nic.in](mailto:shailja@dbt.nic.in)  
Website : [www.dbtindia.nic.in](http://www.dbtindia.nic.in)

Or

Dr. Sanjay Kalia  
Scientist 'E'  
Department of Biotechnology  
Ministry of Science and Technology  
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New Delhi – 110 003, INDIA  
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German Side :

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E-Mail: [doerte.merk@dlr.de](mailto:doerte.merk@dlr.de)  
<http://www.internationales-buero.de>  
<http://www.internationale-kooperation.de>

The Research projects would be implemented subject to necessary clearances from the Government and laws and regulations of the host and sponsoring countries.

The details are also available on the websites: [www.dbtindia.nic.in](http://www.dbtindia.nic.in) and [www.internationales-buero.de](http://www.internationales-buero.de)

All received proposals are peer reviewed and processed independently by both sides. It is expected that all jointly selected projects are likely to receive support from 1<sup>st</sup> May, 2018

## 8. Kind of support available

Financial support is available from the respective nodal agencies from the two sides for the exchange visits and research funds under the approved projects (Indian component of research funds to Indian researchers by DBT and for German researcher by BMBF) as per the financial terms given below. However, the funds are released by DBT on annual basis after reviewing the progress report submitted by the Indian Principal Investigator (PI).

**Investigators from Indian institutes are provided financial support for equipment, manpower, consumables, etc. as detailed in Annexure-A. In case of eligible Indian companies 50 % of the contribution in cash should be reflected in the budget.**

**8.1. Consumables:** Support for consumables may cover the additional expenditures necessary to support the stay of the partner scientist in the respective institution.

**8.2.1. Travel:** The sending side (DBT or DLR-PT) covers the total cost of travel (economy class) of the visiting personnel (except private sector in case of DBT) between places of work in India and Germany, VISA fees, airport taxes and overseas medical insurance. Funding by DLR-PT to German

Experts travelling to India covers the costs for international flights (economy), travelling to the German airport, and VISA only. Other travelling costs, e.g. insurances and departure taxes (if applicable) are borne by the sending institute or company.

**8.2.2. Allowances\*:** The receiving side shall provide living expenses (except private sector in case of DBT), connected with the agreed programme of the visit. In general, visits should not exceed 3 months.

Financial support is available from the respective nodal agencies from the two sides for the exchange visits and research funds under the approved projects (Indian component of research funds to Indian researchers by DBT and for German researcher by BMBF) as per the financial terms given below. However, the funds are released by DBT on annual basis after reviewing the progress report submitted by the Indian Principal Investigator (PI).

	<b>Short-term (up to 30 days)</b>	<b>Long-term (max. 3 months)</b>
Indian scientists to Germany:	104 Euro per day (1 to 22 days); max. 2.300 Euro for 23 to 30 days	2.300 Euro per month  77 Euro for single days exceeding full months
German scientists to India:	Rs. 2500/- per day  Plus accommodation in Institutional guest house or max. Rs. 50,000/- for 20 to 30 days	Rs. 50,000/- per month plus Accommodation  <b>Rs. 1750/- for single days exceeding full months</b>

**8.3. Other:** e.g. German universities may apply for a 20 % overhead (“Projektpauschale”).

**9. Expected project outcomes**

It is expected that the funded cooperation enables the partners to develop applicable scientific results which can be published and/ or could be commercialised and may lead to formation of joint ventures. All publications, patents coming out of these projects, need to be jointly authored by both Indian and German scientists. All necessary approvals like ethical clearance, HMSC approval from Indian point of view as well as EU, if applicable, from German point of view, e.g. before conducting animal experimentation if any needs to be obtained by PIs before undertaking the project.

**10. Time table**

**Deadline for submission of completed applications – 15<sup>th</sup> January, 2018**

**Proposed commencement of Projects – 1<sup>st</sup> May, 2018**

**11. Contact persons for submission of hard copy of proposals:**

**India**

Dr. Sanjay Kalia  
Scientist `E`  
Department of Biotechnology  
Ministry of Science and Technology  
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New Delhi – 110 003, INDIA  
E-mail: [sanjay.kalia@nic.in](mailto:sanjay.kalia@nic.in)

**Germany**

Ms Dörte Merk  
Scientific Officer  
European and International Cooperation  
Project Management Agency c/o German Aerospace Center (DLR)  
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PT-DLR website: [http:// www.internationales-buero.de](http://www.internationales-buero.de)

## Budget format for academic partner

Annexure A

*Summary of India costs: Please give the total cost (in Indian Rupees) of Indian component*

<b>Head</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
<b>A. Non-recurring</b>				
<b>1. Equipment's</b>				
<b>Total A</b>				
<b>B. Recurring</b>				
<b>1. Consumables</b>				
<b>2. Manpower (Studentship and fellowships for PhD and post doctoral students/experts/helpers etc.)</b>				
<b>3. Travel</b> <b>a. Domestic</b> <b>b. International travel</b> <b>c. Local hospitality for visiting scientist.</b>				
<b>4. Review meeting</b>				
<b>5. Contingency</b>				
<b>6. Overheads</b>				
<b>7. Outsourcing</b>				
<b>8. Other expenses (Specify)</b>				
<b>TOTAL B (1+2+3+4+5+6+7+8)</b>				
<b>TOTAL (A+B)</b>				

## Budget format for Industry partner

### Annexure B

*Summary of India costs: Please give the total cost (in Indian Rupees) of Indian component*

Head	DBT contribution				Industry contribution			
	Year 1	Year 2	Year 3	Total	Year 1	Year 2	Year 3	Total
<b>A. Non-recurring</b>								
1. Equipment's								
<b>Total A</b>								
<b>B. Recurring</b>								
1. Consumables								
2. Manpower (Studentship and fellowships for PhD and post doctoral students/experts/helpers etc.)								
3. Travel								
4. Outsourcing								
5. Other expenses (Specify)								
<b>TOTAL B (1+2+3+4+5)</b>								
<b>TOTAL (A+B)</b>								

**N.B: Academia and Industry can factor in additional sub heads under recurring expenditure. Industry is required to provide in the matching grant provided by Industry in the same budget head.**

## **Guidelines for Industry partners**

- DBT's support to Industry will be limited to not exceed 50% of the total project cost of Industry .and 50% of the contribution will mandatorily come from the Industry.
- IC (international cooperation) of DBT contribution to industry as grant in aid shall be limited to will not consider any project with a total budget of more than INR 3.00 1.50 crores. Projects with a total budget of more than INR 3.00 crores will be funded by BIRAC in collaboration with IC.
- Projects should last between 30 months to 3 years.

(In the case of start ups or companies, which cannot contribute 50% of the project cost, they can be funded up to INR 25.0 lakhs as Grant-in-Aid (GIA) for proof of concept in which 80% can be GIA and balance company contribution). Once PoC is successful, subsequently main project can be considered for further funding.

The cost breakup for the DBT component of the proposal shawill be:

- Capital costs to be limited to 30% of the DBT cost;
- Manpower costs also to be limited to 30% of the DBT cost;
- balance will cover consumables and travel costs.
- Ooverhead costs will not be permissible.

All releases will be milestone based. First release shall be made on signing of the agreement and will be 30% of DBT contribution. All further releases will be subject to satisfactory monitoring report by the technical and financial expert teams.

The fund release will be made by DBT to industry after signing of MOA.