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નસ્ટા દ્વારા ડિસ્કવરી અવોર્ડઝને પ્રમોટ કરવા માટે એક કાર્યક્રમ નું આયોજન કરવામાં આવ્યું હતું

બાયોટેકનોલોજી ઈન્ડસ્ટ્રી રિસર્ચ આસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારનો બાયોટેકનોલોજી વિભાગ અને લોન્ગિટયુડ પ્રાઈઝ આપતી યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડઝને પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. તેનો આશય એન્ટિ માઈક્રોબાયલ રેઝિસ્ટન્સ ડાયેગ્નોસ્ટિકનાં ક્ષેત્રે ઈનોવેશનનો પાયો નાખવા માટેનો છે. ડિસ્કવરી એવોર્ડઝ માટે બિરાક ૧ લાખ પાઉન્ડનું ભંડોળ આપશે. જેથી કરીને ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય. ડિસ્કવરી એવોર્ડઝ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવનાં એવા એવોર્ડ છે કે જેના કારણે તેઓ આગળ જઈને લોન્ગિટયુડ પ્રાઈઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૧૭૧૪માં લોન્ગિટયુડ અવોર્ડઝની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે. બાયોટેકનોલોજી વિભાગના સચિવ અને બિરાકના ચેરમેન પ્રો. કે. વિજયરાઘવને જણાવ્યું હતું કે સસ્તી, ઝડપી અને સારી નિદાનની ટેકનિક શોધવા માટે સંશોધન ચાવીરૂપ છે.

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डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, बीआयआरएसी आणि नेस्टातर्फे शास्त्रज्ञांना लॉन्जिट्यूड पुरस्कार

मुंबई – द बायोटेक्नॉलॉजी इंडस्ट्री रिसर्च असिस्टंस काऊन्सिल (बीआयआरएसी), डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, भारत सरकार आणि नेस्टा, ही युनायटेड किंगडम स्थित धर्मदाय व्यवस्थापन करणाक्षवया लॉन्जिट्यूड प्राइझने डिस्कव्हरी पुरस्कारांना प्रोत्साहन देण्याचा कार्यक्रम आयोजित केला होता. या कार्यक्रमाचा उद्देश अँटी मायक्रोबियल रेझिस्टंस(एएमआर) निदानामध्ये नवीनतम शृंखला विकसीत करणे आंहे. बीआयआरएसीने भारतीय सहभाग्यांना समर्थन देण्यासाठी जीबीपी १००,०००च्या निधीचे वचन दिले आहे. डिस्कव्हरी पुरस्कार लॉन्जिट्यूड प्राइझसाठी आपल्या संकल्पना विकसीत करणाऱ्या टीम्स अणि व्यक्तींना अनुदान देण्यासाठी दिले जातात, असे प्रा. के विजय राघवन, सेक्रेटरी, डिपार्टमेंट ऑफ बायोटेक्नॉलॉजी आणि चेयरमन बीआयआरएसी, डॉ. रेणू स्वरुप, सिनियर ऍडवायजर, डीबीटी आणि मॅनेजिंग डायरेक्टर बीआयआरएसी आणि तमर घोष, लीड, लॉन्जिट्यूड प्राइझ म्हणाल्या.

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વિશ્વસ્તરના એએમઆર પ્રશ્નોને ઓળખવા માટે ડાયેગ્નોસ્ટિક બનાવવાની શરૂઆત

બાયોટેકનોલોજી ઈન્ડસ્ટ્રી રિસર્ચ આસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારનો બાયોટેકનોલોજી વિભાગ અને લોન્ગિટયુડ પ્રાઈઝ ઓપતી યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડઝને પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામાં આવ્યુ હતું. તેનો આશય એન્ટિ માઈક્રોબાયલ રેઝિસ્ટન્સ ડાયેગ્નોસ્ટિકનાં ક્ષેત્રે ઈનોવેશનનો પાયો નાખવા માટેનો છે. ડિસ્કવરી એવોર્ડઝ માટે બિરાક ૧ લાખ પાઉન્ડનું ભંડોળ આપશે. જેથી કરીને ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય.

ડિસ્કવરી એવોર્ડઝ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવતાં એવા એવોર્ડ છે કે જેના કારણે તેઓ આગળ જઈને લોન્ગિટયુડ પ્રાઈઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૧૭૧૪માં લોન્ગિટયુડ અવોર્ડઝની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે.આ પ્રકારના જાહેર આરોગ્યના મુદ્દાનો ઝડપી ઉકેલ લાવવા માટે આપણને સસ્તા, સરળ અને સુલભ ડાયેગ્નોસ્ટિક ટેસ્ટ ની જરૂર છે. તેના કારણે એન્ટિબાયોટિકનો દુરુપયોગ ઘટશે.તેના કારણે મેડિકલ ટેકનોલોજીને વિકસાવનારા લોકોને સારો એવો ટેકો મળી રહેશે. તેના કારણે તેઓ નિદાનની નવી ટેકનિક વિકસાવી શકશે. ડિસ્કવરી એવોર્ડ આ પ્રકારનાં ઝડપી સંશોધનોને પ્રકાશમાં લાવે છે અને ભારતીય સંશોધનકારો માટે તે ઉત્તમ પુરવાર થશે.

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નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડઝને પ્રમોટ કરવા માટે એક કાર્યક્રમ નું આયોજન કરવામાં આવ્યું હતું

બાયોટેકનોલોજી ઈન્ડસ્ટ્રી રિસર્ચ આસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારનાં બાયોટેકનોલોજી વિભાગ અને લોન્ગિટયુડ પ્રાઈઝ આધતી યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડઝને પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. તેનો આશય એન્ટિ માઈક્રોબાયલ રેઝિસ્ટન્સ ડાયેગ્નોસ્ટિકનાં ક્ષેત્રે ઈનોવેશનનો પાયો નાખવા માટેનો છે. ડિસ્કવરી એવોર્ડઝ માટે બિરાક ૧ લાખ પાઉન્ડનું ભંડોળ આપશે. જેથી કરીને ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય.ડિસ્કવરી એવોર્ડઝ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવતાં એવા એવોર્ડ છે કે જેના કારણે તેઓ આગળ જઈને લોન્ગિટયુડ પ્રાઈઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૧૭૧૪માં લોન્ગિટયુડ અવોર્ડઝની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનિકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે.

બાયોટેકનોલોજી વિભાગના સચિવ અને બિરાકના ચેરમેન પ્રો. કે. વિજયરાઘવને જણાવ્યું હતું કે સસ્તી, ઝડપી અને સારી નિદાનની ટેકનિક શોધવા માટે સંશોધન ચાવીરૂપ છે. બિરાક એએમઆર જેવા જાહેર આરોગ્યને લગતાં જોખમો સામે સંશોધનો મારફતે લડવા કટિબદ્ધ છે. નેસ્ટા સાથેની અમારી ભાગીદારી મૂલ્યવાન છે. તેના કારણે અમે વધારે માત્રામાં સંશોધન કરી શકીશું અને અમારી પાસે રહેલા સ્રોતોનો ઉપયોગ કરી શકીશું. તેમ બિરાકના મેનેજિંગ ડિરેક્ટર અને ટીબીટીના સિનિયર એડવાઈઝર ડૉ. રેણુસ્વરૂપે જણાવ્યું હતું. છેલ્લા કેટલાક દાયકાથી એએમઆરે સમગ્ર વિશ્વના લોકોના આરોગ્ય સામે જોખમ ઊભું કર્યું છે. તેના કારણે બીમારી લાંબી ચાલે છે, અપંગતા આવે છે અને મોતનું પણ જોખમ રહેલું છે.

આ પ્રકારના જાહેર આરોગ્યના મુદ્દાનો ઝડપી ઉકેલ લાવવા માટે આપણને સસ્તા, સરળ અને સુલભ ડાયેગ્નોસ્ટિક ટેસ્ટ ની જરૂર છે. તેના કારણે એન્ટિબાયોટિકનો દુરુપયોગ ઘટશે. તેના કારણે મેડિકલ ટેકનોલોજીને વિકસાવનારા લોકોને સારો એવો ટેકો મળી રહેશે.

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एएमआर का निदान ढूंढने के लिए एक लाख पौंड देगा डीबीटी

■ नई दिल्ली।

जैव प्रौद्योगिकी विभाग (डीबीटी) की संस्था बीआईआरएसी एंटी माइक्रोबियल रेसिस्टेंस (एएमआर) का निदान ढूंढने के लिए लांगीट्यूड प्राइज में हिस्सा लेने वाली टीमों को दिलचस्पी पुरस्कार के रूप में एक लाख पौंड (लगभग 90 लाख रुपये) का पुरस्कार देगी।

'बायोटेक्नोलॉजी इंडस्ट्री रिसर्च असिस्टेंस काउंसिल' (बीआईआरएसी) की ओर से यह सहायता राशि उपलब्ध कराई जाएगी। लांगीट्यूड प्राइज की स्थापना वर्ष 1714 में ब्रिटिश सरकार ने की थी। वर्तमान में इसका प्रबंधन ब्रिटेन की धर्मार्थ संस्था 'नेस्टा' देखती है। वर्ष 2014 में इसने एएमआर का निदान ढूंढने के लिए एक प्रतियोगिता आयोजित की थी। इसमें दुनिया भर में 161 टीमों ने पंजीकरण कराया है जिसमें 19 भारतीय हैं।

> लांगीट्यूड प्राइज की कुल पुरस्कार राशि एक करोड़ पौंड है, इसमें 80 लाख पौंड (₹72 करोड़) विजेता टीम को दिए जाएंगे

भारत एक मात्र ऐसा देश है जहां सरकारी विभाग प्रतिभागी टीमों को उनकी खोज पर काम करने के लिए पुरस्कार राशि अनुदान उपलब्ध करा रहा है। डीबीटी के सचिव प्रो. विजय राघवन ने दिलचस्पी पुरस्कारों की घोषणा करते हुए बताया कि इसके लिए 26 अगस्त तक आवेदन किए जाएंगे। उन्होंने कहा कि भारतीय वैज्ञानिकों में काफी उत्साह है और यह उचित ही होगा यदि कोई भारतीय टीम अंतरराष्ट्रीय स्तर पर प्रतिस्पर्धा कर यह पुरस्कार जीतती है।

बीआईआरएसी की प्रबंध निदेशक डॉ. रेणु स्वरूप ने बताया कि 26 अगस्त तक जो टीमें आवेदन करेंगी उनमें से कुछ को दिलचस्पी पुरस्कार प्रदान किया जाएगा जिसकी कुल राशि एक लाख पौंड होगी। लेकिन, अन्य टीमें भी लांगीट्यूड पुरस्कार की दौड़ में रहेंगी। फर्क सिर्फ इतना होगा कि उन्हें अपने आइडिया पर काम करने के लिए पैसा अपने से जुटाना होगा। उन्होंने बताया कि नवम्बर-दिसम्बर तक टीमों का चयन कर उन्हें अनुसंधान के लिए राशि उपलब्ध करा दी जाएगी। यहां स्थित भारतीय उच्चायोग की वरिष्ठ सलाहकार शिवानी भारद्वाज ने बताया कि लांगीट्यूड प्राइज की कुल पुरस्कार राशि एक करोड़ पौंड है। इसमें 80 लाख पौंड (करीब 72 करोड़ रुपये) विजेता टीम को दिए जाएंगे जबकि अन्य 20 लाख पौंड किस्तों में ऐसी प्रतिभागी टीमों को उपलब्ध कराई जाएगी।

सुश्री भारद्वाज ने बताया कि प्रतियोगिता का लक्ष्य ऐसे उपकरण या टेस्ट या कोई ऐसी तकनीक विकसित करना होगा जिससे एंटी बायोटिक दवाओं के गैर-जरूरी इस्तेमाल को रोका जा सके, जिससे यह आसानी से पता चल सके कि कौन सी बीमारी बैक्टीरिया की वजह से है और कौन सी अन्य कारणों से। उन्होंने कहा कि एएमआर को काबू करने का यही एक मात्र रास्ता है। हम कितनी भी नई दवाओं का आविष्कार कर लें एक समय के बाद बीमारियों के जीवाणु भी उनके प्रति प्रतिरोधक क्षमता विकसित कर लेंगे। ■ वार्ता

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डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, बीआयआरएसी आणि नेस्टा तर्फे शास्त्रज्ञांना लॉन्जिट्यूड पुरस्कार

लॉन्जिट्यूड पुरस्काराचा उद्देश माफक, अचूक, जलद सोपी निदान चाचणी जीवाणूच्या संक्रमणासाठी तयार करणे

मुंबई, दि. २९ (प्रतिनिधी) : द बायोटेक्नॉलॉजी इंडस्ट्री रिसर्च असिस्टंस काऊन्सिल (बीआयआरएसी), डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, भारत सरकार आणि नेस्टा, ही युनायटेड किंगडम स्थित धर्मदाय व्यवस्थापन करणाऱ्या लॉन्जिट्यूड प्राइझने डिस्कव्हरी पुरस्कारांना प्रोत्साहन देण्याचा कार्यक्रम आयोजित केला होता, या कार्यक्रमाचा उद्देश अँटी मायक्रोबियल रेझिस्टंस(एएमआर) निदानामध्ये नवीनतम शृंखला विकसीत करणे आहे. बीआयआरएसीने भारतीय सहभाग्यांना समर्थन देण्यासाठी जीबीपी १००,०००च्या निधीचे वचन दिले आहे.

डिस्कव्हरी पुरस्कार लॉन्जिट्यूड प्राइझसाठी आपल्या संकल्पना विकसीत करणाऱ्या टीम्स आणि व्यक्तींना अनुदान देण्यासाठी दिले जातात. शास्त्रज्ञांना जगावर परिणाम करणाऱ्या सर्वात जास्त उपयुक्त आव्हानांचे समाधान करण्यात समर्थन देण्याच्या दृष्टीने ब्रिटिश शासनाने १७१४ मध्ये लॉन्जिट्यूड पुरस्काराची ओळख करुन दिली होती. सध्या लॉन्जिट्यूड पुरस्काराचा उद्देश म्हणजे माफक, अचूक, जलद आणि वापरण्यास सोपी निदान चाचणी जीवाणूच्या संक्रमणासाठी तयार करणे, ज्यामुळे जगभरातील आरोग्य व्यावसायिकांना योग्य जीवाणूसाठी अचूक अँटिबायोटिक्स निवडता येऊ शकतील आणि त्याद्वारे अँटिबायोटिक्सचा दुरुपयोग आणि त्यामुळे होणारा प्रतिरोध टाळता येईल.

'जगभरातील लोकांच्या स्वास्थ्यासाठी एएमआर एक गंभीर आणि नुकतीच निर्माण झालेली जोखीम आहे, ज्यासाठी विविध क्षेत्रांमधल्या एकाग्र परिश्रमांची आवश्यकता आहे.

जलद आणि माफक दरातील निदान साधनांना विकसीत करण्याची अतिशय तत्पर आवश्यकता आहे ज्यामुळे औषधाला प्रतिरोध करणाऱ्या संक्रमणाचे लवकर निदान आणि ओळख करणे शक्य होईल.

तंत्रज्ञान विकासासाठी भागीदारी अत्यंत आवश्यक असते आणि आमचा असा विश्वास आहे की नेस्टासोबतच्या डिस्कव्हरी पुरस्कारावरील सहयोगाने आपल्या भारतीय संशोधकांसाठी आवश्यक ईंधन आणि मेंटॉरशिप उपलब्ध करुन दिली जाईल कारण ते एएमआरद्वारे निर्माण होणाऱ्या समस्या सोडवतील.' असे प्रा. के विजय राघवन, सेक्रेटरी, डिपार्टमेंट ऑफ बायोटेक्नॉलॉजी आणि चेयरमन बीआयआरएसी म्हणाले.

'माफक, जलद आणि अधिक चांगल्या निदानाला विकसीत करण्यासाठी संशोधन आणि नवीनतमता हे महत्वाचे मुद्दे आहेत. बी आयआरएसी एएमआरसारख्या उदय होणाऱ्या सार्वजनिक स्वास्थ्य समस्या सोडवण्यासाठी वचनबद्ध आहे, या समस्या नवनवीन पध्दतींनी सोडवता येऊ शकतील आणि आमच्या नेस्टासोबतच्या भागीदारी संदर्भात बोलायचे झाल्यास तिचे मूल्य सर्वाधिक असेल कारण क्षेत्रांच्या सहयोगामुळे प्रयत्नांचे आवर्तन टाळले जाईल आणि जास्तीत जास्त स्रोत उपलब्ध करुन दिले जातील असे 'डॉ. रेणु स्वरुप, सिनियर अॅडवायजर, डीबीटी आणि मॅनेजिंग डायरेक्टर बीआयआरएसी म्हणाल्या.

गेल्या काही दशकांमध्ये एएमआरने जगभरातील महत्वपूर्ण सामाजिक स्वास्थ समस्यांचे समाधान काढले आहे. सर्रासपणे वापर होणाऱ्या काही अँटिबायोटिक्सचा प्रतिरोध उपचार खलास करु शकतो, आजार, अपंगत्व वाढवू शकतो आणि मृत्यूची जोखीम वाढ करु शकतो, त्यामुळे उपचाराचा दर देखील गगनाला भिडतो.

ट्यूबरक्युलोसिस(टीबी), मलेरिया, एचआयव्ही, आणि इन्फ्युएंझा सारख्या अनेक आजारांच्या प्रभावी व्यवस्थापनाशी या आजाराच्या औषधांचा प्रतिरोधामुळे तडजोड केली जाते. उदा: टीबीच्या संदर्भात जगभरात नवीन टीबी केसेसच्या ३.५% आणि आधीपासून अस्तित्वात असल्यापैकी २०.५% केसेसमध्ये टीबीच्या अनेक औषधांना प्रतिरोध होत असल्याचा अंदाज व्यक्त केला जातो.

'या समस्येला अधिक तत्परता आणि महत्व देऊन आपल्याला जलद, अचूक आणि माफक दरातील चिकित्सा चाचणीची आवश्यकता आहे जी सर्वप्रकारच्या लोकांना वापरता येऊ शकेल आणि ज्यामुळे अँटिबायोटिक्सचा गैरवापर आणि अतिवापर प्रभावीपणे कमी करता येईल. प्रोत्साहन देणे आणि वैद्यकीय तंत्रज्ञान विकासकांना आवश्यक ते समर्थन देणे हा या निदानात्मक साधनाच्या संशोधनाला आणि विकासाच्या प्रयत्नांना चालना देण्यासाठी अतिशय महत्वाचे आहे. डिस्कव्हरी पुरस्कार स्वतःच एक आदर्श मंच आहे आणि एक आदर्श मंच म्हणून संशोधन आणि नवीनतमतेला चालना देण्यासाठी तसेच आमच्या बीआयएआरसीसोबतच्या सहयोगाचे समर्थन आम्हाला भारतातील मोठ्याप्रमाणातील प्रतिभेला काबिज करण्यात कामी येईल.' असे सुश्री तमर घोष, लीड, लॉन्जिट्यूड प्राइझ म्हणाल्या.

सन्माननीय अतिथींमध्ये प्रा. के.विजयराघवन, सेक्रेटरी, डीटीबी आणि चेयरमन, बीआयआरए सी, डॉ. रेणु स्वरुप, सिनीयर अॅडवायजर, डीबीटी आणि मॅनेजिंग डायरेक्टर, बीआयआरएसी आणि सुश्री तमर घोष, लीड, नेस्टा सारख्या व्यक्ती सम्मारंभाला उपस्थित होत्या. इतर सहभाग्यांमध्ये अॅकेडेमिया, उद्योग आणि डिपार्टमेंट ऑफ सायन्स अँड टेक्नॉलॉजी, डिपार्टमेंट ऑफ सायंटिस्ट अँड इंडस्ट्रियल रिसर्च, आणि इंडियन काऊन्सिल फॉर मेडिकल रिसर्चसारख्या शासकीय एजन्सीजचे प्रतिनिधी देखील उपस्थित होते.

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વિશ્વસ્તરના એએમઆર પ્રશ્નોને ઓળખવા માટે ડાયેગ્નોસ્ટિક બનાવવાની શરૂઆત

બાયોટેકનોલોજી ઈન્ડસ્ટ્રી રિસર્ચ એસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારની બાયોટેકનોલોજી વિભાગ અને લોન્ચિટ્યુડ પ્રાઈઝ આપતી યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડ્સને પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામા આવ્યું હતું. તેનો આશય એન્ટિ માઈક્રોબાયલ રેઝિસ્ટન્સ ડાયેગ્નોસ્ટિકના ક્ષેત્રે ઈનોવેશનનો પાયો નાખવા માટેનો છે. ડિસ્કવરી એવોર્ડ્સ માટે બિરાક ૧ લાખ પાઉન્ડનું ભંડોળ આપશે. જેથી કરીને ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય.

ડિસ્કવરી એવોર્ડ્સ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવતા એવા એવોર્ડ છે કે જેના કારણે તેઓ આગળ જઈને લોન્ચિટ્યુડ પ્રાઈઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૨૦૧૪માં લોન્ચિટ્યુડ અવોર્ડ્સની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનિકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે.

બાયોટેકનોલોજી વિભાગના સચિવ અને બિરાકના ચેરમેન ડૉ. કે. વિજયરાઘવને જણાવ્યું હતું કે સસ્તી, ઝડપી અને સારી નિદાનની ટેકનિક શોધવા માટે સંશોધન ચાવીરૂપ છે. બિરાક એએમઆર જેવા જાહેર આરોગ્યને લગતા જોખમો સામે સંશોધનો મારફતે લડવા કટિબદ્ધ છે. નેસ્ટા સાથેની અમારી ભાગીદારી મૂલ્યવાન છે. તેના કારણે અમે વધારે માત્રામાં સંશોધન કરી શકીશું અને અમારી પાસે રહેલા સ્રોતોનો ઉપયોગ કરી શકીશું. તેમ બિરાકના મેનેજિંગ ડિરેક્ટર અને ટીબીટીના, સિનિયર એડવાઈઝર ડૉ. રેણુસ્વરૂપે જણાવ્યું હતું. છેલ્લા કેટલાક દાયકાથી એએમઆરે સમગ્ર વિશ્વના લોકોના આરોગ્ય સામે જોખમ ઊભું કર્યું છે. તેના કારણે બીમારી લાંબી ચાલે છે, અપંગતા આવે છે અને મોતનું પણ જોખમ રહેલું છે.

આ પ્રકારના જાહેર આરોગ્યના મુદ્દાનો ઝડપી ઉકેલ લાવવા માટે આપણને સસ્તા, સરળ અને સુલભ ડાયેગ્નોસ્ટિક ટેસ્ટ્સ ની જરૂર છે. તેના કારણે એન્ટિબાયોટિકનો દુરૂપયોગ પટશે. તેના કારણે મેડિકલ ટેકનોલોજીને વિકસાવનારા લોકોને સારો એવો ટેકો મળી રહેશે. તેના કારણે તેઓ નિદાનની નવી ટેકનિક વિકસાવી શકશે. ડિસ્કવરી એવોર્ડ આ પ્રકારના ઝડપી સંશોધનોને પ્રકાશમાં લાવે છે અને ભારતીય સંશોધનકારો માટે તે ઉત્તમ પુરસ્કાર બની રહેશે કે અમે તેના માટે બિરાક સાથે ભાગીદારી કરી છે. તેમ લોન્ચિટ્યુડ પ્રાઈઝના લીડ તોમર ચોપે જણાવ્યું હતું કે આ કાર્યક્રમ માં ટીબીટીના સચિવ અને બિરાકના ચેરમેન ડૉ. વિજયરાઘવન, ટીબીટીના વરિષ્ઠ સલાહકાર અને બિરાકના મેનેજિંગ ડિરેક્ટર ડૉ. રેણુસ્વરૂપ, નેસ્ટાના લીડ તમાર ચોપ જેવાં અનેક લોકો ઉપસ્થિત રહ્યા નથી. આ ઉપરાંત ઉદ્યોગજગતના વિવિધ ક્ષેત્રના લોકો, ભાગ લેનારા લોકો, સાયન્સ એન્ડ ટેકનોલોજી વિભાગના સરકારી કર્મચારીઓ, વગેરે લોકો હાજર રહ્યા હતા.

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डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, बीआयआरएसी तर्फे शास्त्रज्ञांना लॉन्जिट्यूड पुरस्कार

मुंबई: द बायोटेक्नॉलॉजी इंडस्ट्री रिसर्च असिस्टंस काऊन्सिल (बीआयआरएसी), डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, भारत सरकार आणि नेस्टा, ही युनायटेड किंगडम स्थित धर्मदाय व्यवस्थापन करणा-या लॉन्जिट्यूड प्राइझने डिस्कव्हरी पुरस्कारांना प्रोत्साहन देण्याचा कार्यक्रम आयोजित केला होता, या कार्यक्रमाचा उद्देश एंटी मायक्रोबियल रेझिस्टंस(एएमआर) निदानामध्ये नवीनतम शृंखला विकसीत करणे आहे. बीआयआरएसीने भारतीय सहभागयांना समर्थन देण्यासाठी जीबीपी १००,०००च्या निधीचे वचन दिले आहे. डिस्कव्हरी पुरस्कार लॉन्जिट्यूड प्राइझसाठी आपल्या संकल्पना विकसीत करणा-या टीम्स अणि व्यक्तींना अनुदान देण्यासाठी दिले जातात. शास्त्रज्ञांना जगावर परिणाम करणा-या सर्वात जास्त उपयुक्त आव्हानांचे समाधान करण्यात समर्थन देण्याच्या दृष्टीने ब्रिटिश शासनाने १७१४ मध्ये लॉन्जिट्यूड पुरस्काराची ओळख करुन दिली होती. सध्या लॉन्जिट्यूड पुरस्काराचा उद्देश म्हणजे माफक, अचूक, जलद आणि वापरण्यास सोपी निदान चाचणी जीवाणूच्या संक्रमणासाठी तयार करणे, ज्यामुळे जगभरातील आरोग्य व्यावसायिकांना योग्य जीवाणूसाठी अचूक एंटिबायोटिक्स निवडता येऊ शकतील आणि त्याद्वारे एंटिबायोटिक्सचा दुरुपयोग आणि त्यामुळे होणारा प्रतिरोध टाळता येईल. जगभरातील लोकांच्या स्वास्थ्यासाठी एएमआर एक गंभीर आणि नुकतीच निर्माण झालेली जोखीम आहे, ज्यासाठी विविध क्षेत्रांमधल्या एकाग्र परिश्रमांची आवश्यकता आहे. जलद आणि माफक दरातील निदान साधनांना विकसीत करण्याची अतिशय तत्पर आवश्यकता आहे ज्यामुळे औषधाला प्रतिरोध करणा-या संक्रमणाचे लवकर निदान आणि ओळख करणे शक्य होईल. तंत्रज्ञान विकासासाठी भागीदारी अत्यंत आवश्यक असते आणि आमचा असा विश्वास आहे की नेस्टासोबतच्या डिस्कव्हरी पुरस्कारावरील सहयोगाने आपल्या भारतीय संशोधकांसाठी आवश्यक इंपेटस आणि मेंटारशिप उपलब्ध करुन दिली जाईल कारण ते एएमआरद्वारे निर्माण होणा-या समस्या सोडवतील. असे प्रा. के विजय राघवन, सेक्रेटरी, डिपार्टमेंट ऑफ बायोटेक्नॉलॉजी आणि चेयरमन बीआयआरएसी म्हणाले.

माफक, जलद आणि अधिक चांगल्या निदानाला विकसीत करण्यासाठी संशोधन आणि नवीनतमता हे महत्वाचे मुद्दे आहेत. बी आयआरएसी एएमआरसारख्या उदय होणा-या सार्वजनिक स्वास्थ्य समस्या सोडवण्यासाठी वचनबद्ध आहे, या समस्या नवनवीन पध्दतींनी सोडवता येऊ शकतील आणि आमच्या नेस्टासोबतच्या भागीदारी संदर्भात बोलायचे झाल्यास तिचे मूल्य सर्वाधिक असेल कारण क्षेत्रांच्या सहयोगामुळे प्रयत्नांचे आवर्तन टाळले जाईल आणि जास्तीत जास्त स्रोत उपलब्ध करुन दिले जातील असे डॉ. रेणू स्वरुप, सिनियर एंडवायजर, डीबीटी आणि मॅनेजिंग डायरेक्टर बीआयआरएसी म्हणाल्या.

गेल्या काही दशकांमध्ये एएमआरने जगभरातील महत्वपूर्ण सामाजिक स्वास्थ समस्यांचे समाधान काढले आहे. सर्रासपणे वापर होणा-या काही एंटिबायोटिक्सचा प्रतिरोध उपचार यशस्वी करु शकतो, आजार, अपंगत्व वाढवू शकतो आणि मृत्यूची जोखीम जास्त करु शकतो, त्यामुळे उपचाराचा दर देखील गगनाला भिडतो.ट्यूबरक्युलोसिस(टीबी), मलेरिया, एचआयव्ही, आणि इन्फ्युएंझा सारख्या अनेक आजारांच्या प्रभावी व्यवस्थापनाशी या आजाराच्या औषधांचा प्रतिरोधामुळे तडजोड केली जाते. उदा; टीबीच्या संदर्भात जगभरात नवीन टीबी केसेसच्या ३.५% आणि आधीपासून अस्तित्वात असल्यापैकी २०.५% केसेसमध्ये टीबीच्या अनेक औषधांना प्रतिरोध होत असल्याचा अंदाज व्यक्त केला जातो. उद्योग आणि डिपार्टमेंट ऑफ सायन्स एंड टेक्नॉलॉजी, डिपार्टमेंट ऑफ सायंटिस्ट एंड इंडस्ट्रियल रिसर्च, आणि इंडियन काऊन्सिल फॉर मेडिकल रिसर्चसारख्या शासकीय एजन्सीजचे प्रतिनिधी देखील उपस्थित होते.

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વિશ્વસ્તરના એએમઆર પ્રશ્નોને ઓળખવા માટે ડાયેગ્નોસ્ટિક બનાવવાની શરૂઆત

બાયોટેકનોલોજી ઇન્ડસ્ટ્રી રિસર્ચ આસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારનો બાયોટેકનોલોજી વિભાગ અને લોન્ગિટ્યુડ પ્રાઇઝ આપતી યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડ્સને પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. તેનો આશય એન્ટિ માઇક્રોબાયલ રેઝિસ્ટન્સ ડાયગ્નોસ્ટિકના ક્ષેત્રે ઇનોવેશનની ઘણી ચાવી માટેનો છે. ડિસ્કવરી એવોર્ડ્સ માટે બિરાક ૧ લાખ પાઉન્ડનું ભંડોળ આપશે. જેથી કરીને ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય.

ડિસ્કવરી એવોર્ડ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવતા એવા એવોર્ડ છે કે જેના દ્વારા તેઓ આગળ જઇને લોન્ગિટ્યુડ પ્રાઇઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૧૭૧૪માં લોન્ગિટ્યુડ એવોર્ડની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનિકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે.

બાયોટેકનોલોજી વિભાગના સચિવ અને બિરાકના ચેરમેન પ્રો. કે. વિજયરાઘવને જણાવ્યું હતું કે સસ્તી, ઝડપી અને સારી નિદાનની ટેકનિક શોધવા માટે સંશોધન આવશ્યક છે. બિરાક એએમઆર જેવા જાહેર આરોગ્યને લગતા જોખમો સામે સંશોધનો મારફતે લડવા કટિબદ્ધ છે. નેસ્ટા સાથેની અમારી ભાગીદારી મુલ્યવાન છે. તેના કારણે અમે વધારે સારામાં સંશોધન કરી શકીશું અને અમારી પાસે રહેલા સ્રોતોનો ઉપયોગ કરી શકીશું. તેમ બિરાકના મેનેજિંગ ડિરેક્ટર અને ડીબીટીના સિનિયર એડવાઇઝર ડૉ. રેણુસ્વરૂપે જણાવ્યું હતું. છેલ્લા કેટલાક દાયકાથી એએમઆરે સમગ્ર વિશ્વના લોકોના આરોગ્ય સામે જોખમ ઊભું કર્યું છે. તેના કારણે બીમારી લાંબી ચાલે છે, અપંગતા આવે છે અને મોતનું પણ જોખમ રહેલું છે.

આ પ્રકારના જાહેર આરોગ્યના મુદ્દાનો ઝડપી ઉકેલ લાવવા માટે આપણને સસ્તા, સરળ અને સુલભ ડાયગ્નોસ્ટિક ટેસ્ટ ની જરૂર છે. તેના કારણે એન્ટિબાયોટિકનો દુરૂપયોગ ઘટશે. તેના કારણે મેડિકલ ટેકનોલોજીને વિકસાવનારા લોકોને સારો એવો ટેકો મળી રહેશે. તેના કારણે તેઓ નિદાનની નવી ટેકનિક વિકસાવી શકશે. ડિસ્કવરી એવોર્ડ આ પ્રકારના ઝડપી સંશોધનોને પ્રકાશમાં લાવે છે અને ભારતીય સંશોધનકારો માટે તે ઉત્તમ પુરવાર થશે કારણ કે અમે તેના માટે બિરાક સાથે ભાગીદારી કરી છે. તેમ લોન્ગિટ્યુડ પ્રાઇઝના હેડ તામર ઘોષે જણાવ્યું હતું કે આ કાર્યક્રમ મા ડીબીટીના સચિવ અને બિરાકના ચેરમેન કે. વિજયરાઘવન, ડીબીટીના વરિષ્ઠ સલાહકાર અને બિરાકના મેનેજિંગ ડિરેક્ટર ડૉ. રેણુસ્વરૂપ, નેસ્ટાના હેડ તામર ઘોષ જેવાં અનેક લોકો ઉપસ્થિત રહ્યા હતા. આ ઉપરાંત ઉદ્યોગજગતના વિવિધ ક્ષેત્રના લોકો, ભાગ લેનાર લોકો, સાયન્સ એન્ડ ટેકનોલોજી વિભાગના સરકારી કર્મચારીઓ, વગેરે લોકો હાજર રહ્યા હતાં.

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'बीआयआरएसी'तर्फे डिस्कव्हरी पुरस्कार

'नेस्टा'चा सहभाग

मुंबई : दी बायोटेक्नॉलॉजी इंडस्ट्री रिसर्च असिस्टंट काऊन्सिल (बीआयआरएसी), डिपार्टमेंट ऑफ बायोटेक्नोलॉजी, भारत सरकार आणि नेस्टा, युके स्थित धर्मदाय व्यवस्थापन करणाऱ्या लॉन्जिट्यूड प्राईझने डिस्कव्हरी पुरस्कारांना प्रोत्साहन देण्यासाठी आयोजित कार्यक्रम नुकताच पार पडला. या कार्यक्रमाचा अँटी मायक्रोबियल रेझिस्टंस (एएमआर) निदानामध्ये नवीनतम श्रृंखला विकसित करण्याचा उद्देश आहे. बीआयआरएसीने भारतीय सहभाग्यांना समर्थन देण्यासाठी १ लाखाच्या निधीचे आश्वासन दिले आहे. डिस्कव्हरी पुरस्कार लॉन्जिट्यूड प्राइझसाठी आपल्या संकल्पना विकसीत करणाऱ्या टीम्स अणि व्यक्तींना अनुदान देण्यासाठी दिले जातात.

शास्त्रज्ञांना जगावर परिणाम करणाऱ्या सर्वात जास्त उपयुक्त आव्हानांचे समाधान करण्यात समर्थन देण्याच्या दृष्टीने ब्रिटिश शासनाने लॉन्जिट्यूड पुरस्काराची ओळख करुन दिली होती. सध्या लॉन्जिट्यूड पुरस्काराचा उद्देश म्हणजे माफक, अचूक, जलद आणि वापरण्यास सोपी निदान चाचणी जीवाणूच्या संक्रमणासाठी तयार करणे, ज्यामुळे जगभरातील आरोग्य व्यावसायिकांना योग्य जीवाणूसाठी अचूक एंटिबायोटिक्स निवडता येऊ शकतील आणि त्याद्वारे एंटिबायोटिकसचा दुरुपयोग आणि त्यामुळे होणारा प्रतिरोध टाळता येईल.

एएमआर निदानः नवीनतम श्रृंखला विकसित करण्याचा उद्देश

- डिपार्टमेंट ऑफ बायोटेक्नॉलॉजीचे सेक्रेटरी आणि बीआयआरएसीचे चेयरमन विजय राघवन म्हणाले की, जगभरातील लोकांच्या स्वास्थ्यासाठी एएमआर एक गंभीर आणि नुकतीच निर्माण झालेली जोखीम आहे, ज्यासाठी विविध क्षेत्रांमधल्या एकाग्र परिश्रमांची आवश्यकता आहे.
- जलद आणि माफक दरातील निदान साधनांना विकसीत करण्याची अतिशय तत्पर आवश्यकता आहे ज्यामुळे औषधाला प्रतिरोध करणाऱ्या संक्रमणाचे लवकर निदान आणि ओळख करणे शक्य होईल.
- तंत्रज्ञान विकासासाठी भागीदारी अत्यंत आवश्यक असते आणि आमचा असा विश्वास आहे की नेस्टासोबतच्या डिस्कव्हरी पुरस्कारावरील सहयोगाने आपल्या भारतीय संशोधकांसाठी आवश्यक इंपेटस आणि मेंटॉरशिप उपलब्ध करुन दिली जाईल कारण ते एएमआरद्वारे निर्माण होणाऱ्या समस्या सोडवतील.

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शास्त्रज्ञांना
लॉन्जिट्यूड पुरस्कार

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વિશ્વસ્તરના એએમઆર પ્રશ્નોને ઓળખવા માટે ડાયેગ્નોસ્ટિક બનાવવાની શરૂઆત

બાયોટેકનોલોજી ઇન્ડસ્ટ્રી રિસર્ચ આસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારનો બાયોટેકનોલોજી વિભાગ અને લોન્ગિટ્યુડ પ્રાઇઝ નામની યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડને પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. તેનો આશય એન્ટિ માઇક્રોબાયલ રેઝિસ્ટન્સ ડાયેગ્નોસ્ટિકના ક્ષેત્રે ઇનોવેશનનો પાયો નાખવા માટેનો છે. ડિસ્કવરી એવોર્ડ્ઝ માટે બિરાક સાથ પાર્ટનરનું ભંડોળ આપશે. જેથી કરીને ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય.

ડિસ્કવરી એવોર્ડ્ઝ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવતો નાના એવોર્ડ છે કે જેના કારણે તેઓ લોન્ગિટ્યુડ પ્રાઇઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૨૦૧૪માં લોન્ગિટ્યુડ પ્રાઇઝની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનિકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે.

બાયોટેકનોલોજી વિભાગના સચિવ અને બિરાકના ચેરમેન પ્રો. કે. વિજયરાઘવને જણાવ્યું હતું કે સસ્તી, ઝડપી અને સારી નિદાનની ટેકનિકશોધવા માટે સંશોધન ચાવીરૂપ છે. બિરાક એએમઆર જેવા જાહેર આરોગ્યને લગતા જોખમો સામે સંશોધનો મારફતે લડવા કટિબદ્ધ છે. નેસ્ટા સાથેની અમારી ભાગીદારી મૂલ્યવાન છે. તેના કારણે અમે વધારે માત્રામાં સંશોધન કરી શકીશું અને અમારી પાસે રહેલા સાધનોનો ઉપયોગ કરી શકીશું. તેમ બિરાકના મેનેજિંગ ડિરેક્ટર અને ડીબીટીના સિનિયર એડવાઇઝર પ્રો. રેણુસ્વરૂપે જણાવ્યું હતું. છેલ્લા કેટલાક દાયકાથી એએમઆરે સમગ્ર વિશ્વના લોકોના આરોગ્ય સામે જોખમ ઊભું કર્યું છે. તેના કારણે બીમારી લાંબી ચાલે છે, અપંગતા આવે છે અને મોતનું પણ જોખમ રહેલું છે.

આ પ્રકારના જાહેર આરોગ્યના મુદ્દાનો ઝડપી ઉકેલ લાવવા માટે આપણને સસ્તા, સરળ અને સુલભ ડાયેગ્નોસ્ટિક ટેસ્ટ ની જરૂર છે. તેના કારણે એન્ટિબાયોટિકનો દુરુપયોગ ઘટશે તેના કારણે મેડિકલ ટેકનોલોજીને વિકસાવનારા લોકોને સારો એવો ટેકો મળી રહેશે. તેના કારણે તેઓ નિદાનની નવી ટેકનિક વિકસાવી શકશે. ડિસ્કવરી એવોર્ડ આ પ્રકારના ઝડપી સંશોધનોને પ્રકાશમાં લાવે છે અને ભારતીય સંશોધનકારો માટે તે ઉત્તમ પુરવાર થશે કારણ કે અમે તેના માટે બિરાક સાથે ભાગીદારી કરી છે. તેમ લોન્ગિટ્યુડ પ્રાઇઝના લીડ તામર ઘોષે જણાવ્યું હતું કે આ કાર્યક્રમ માં ડીબીટીના સચિવ અને બિરાકના ચેરમેન કે વિજયરાઘવન, ડીબીટીના વરિષ્ઠ સલાહકાર અને બિરાકના મેનેજિંગ ડિરેક્ટર ડો. રેણુસ્વરૂપ, નેસ્ટાના લીડ તામર ઘોષ જેવા અનેક લોકો ઉપસ્થિત રહ્યા નથી. આ ઉપરાંત ઉદ્યોગજગતના વિવિધ ક્ષેત્રના લોકો, ભાગ લેનારા લોકો, સાયન્સ એન્ડ ટેકનોલોજી વિભાગના સરકારી કર્મચારીઓ, વગેરે લોકો હાજર રહ્યા હતા.

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BIRAC holds outreach event on antibiotics

Hyderabad: Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology, Government of India and Nesta, a United Kingdom-based charity managing the Longitude Prize, recently organized an outreach event in India to promote the Discovery Awards, which aim to create a pipeline of innovations in the Anti-Microbial Resistance (AMR) diagnostics. BIRAC has committed a funding of GBP 100,000 for the Discovery Awards, to support Indian participants. The Discovery Awards are seed grants to support teams and individuals to further develop their ideas for the Longitude Prize. The British government introduced the Longitude Award in 1714 to support scientists to solve the most pertinent challenges affecting the globe. The current call under the Longitude Prize aims to create a cost-effective, accurate, rapid, and easy-to-use diagnostic test for bacterial infections that will allow health professionals worldwide to choose the right antibiotics for the right bacteria thereby preventing antibiotic misuse and resulting resistance.

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विश्वस्तर के एएमआर प्रश्नों को पहचानने के लिए डायग्नोस्टिक बनाने की शुरूआत

बायोटेक्नोलॉजी इंडस्ट्री रिसर्च असिस्टेन्ट काउन्सिल (बिराक) भारत सरकार का बायोटेक्नोलॉजी विभाग और लोगिटयूट प्राइज देने वाली यूके की चेरिटी संस्था नेस्टा को और डिस्कवरी अवार्ड्स को प्रमोट करने के लिए एक विशेष कार्यक्रम का आयोजन किया गया है। इसका आशय एन्टी माइक्रोबायल रेजिस्टन्स डायग्नोस्टिक के क्षेत्र में इनोवेशन को चुनौती देने के लिए है। डिस्कवरी अवार्ड्स के लिए बिराक 1 लाख पाउन्ड का फंड देगा। इससे भारत के लोगों को हिस्सा लेने के लिए समर्थन दिया जा सके।

डिस्कवरी अवार्ड्स यह ढोंग व्यक्तिगत रूप से मनाया जाते अवार्ड है कि जिसके कारण वह आगे जाकर लोगिटयूट प्राइज के लिए अपना नाम दर्ज करवा सके। ब्रिटीश सरकार ने 1714 में लोगिटयूट अवार्ड्स की शुरूआत की थी। जो ऐसे वैज्ञानिकों को दिया जाता है जिन्होंने दुनिया की होने वाली दिक्कतों के लिए निराकरण खोजा हो।

बायोटेक्नोलॉजी विभाग के सचिव और बिराक चेयरमेन प्रो. के. विजयराघवन ने बताया कि सस्ती, शीघ्र और अच्छे निदान को तकनीक खोजने के लिए संशोधन महत्वपूर्ण है। बिराक एएमआर जैसे सार्वजनिक स्वास्थ्य से संबंधित जोखिम के सामने संशोधन के माध्यम से लड़ने के लिए प्रतिबद्ध है। नेस्टा के साथ हमारा हिस्सेदारी मूल्यवान है। इसके कारण हम अधिक मात्रा में संशोधन कर सकेंगे और इसी पास रहे स्त्रोतों का उपयोग कर सकते। इस तरह बिराक के मैनेजिंग डायरेक्टर और दैनीती का सीनिया एडवाइजर डॉ. रेणुस्वरूप ने बताया कि, पिछले कई दशकों से एएमआर ने समग्र विश्व के लोगों के स्वास्थ्य पर जोखिम पैदा किया है। इसके कारण बीमारी लंबी चलती है, अपंगता आती है और मौत का भी जोखिम रहता है।

इस प्रकार सार्वजनिक स्वास्थ्य के मुद्दे को शीघ्र हल करने के लिए हमें सस्ता, सरल और सुलभ डायग्नोस्टिक टेस्ट की आवश्यकता है। इसके कारण एन्टीबायोटिक का उपयोग घटेगा। इसके कारण मेडिकल टेक्नोलॉजी को विकसित करने वालों को अच्छा समर्थन मिल सकेगा। इसके कारण वह निदान की नई टेक्नीक विकसित कर सकेंगे। डिस्कवरी अवार्ड इस प्रकार के शीघ्र संशोधन का प्रकाश में आते है और भारतीय संशोधनकारों के लिए यह उत्तम अवार्ड साबित होगा। क्योंकि हम इसके लिए, सिमक के साथ भागीदारी की है।

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Headline: Developing Diagnostics to Address the Global Problem of AMR

రోగనిరోధక పద్ధతుల మీద

అవగాహన

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Headline: Developing Diagnostics to Address the Global Problem of AMR

વિશ્વસ્તરના એએમઆર પ્રશ્નોને ઓળખવા માટે ડાયેગ્નોસ્ટિક બનાવવાની શરૂઆત

બાયોટેકનોલોજી ઇન્ડસ્ટ્રી રિસર્ચ આસિસ્ટન્સ કાઉન્સિલ (બિરાક) ભારત સરકારનો બાયોટેકનોલોજી વિભાગ અને લોન્ગિટ્યુડ પ્રાઇઝ આપતી યુકેની ચેરિટી સંસ્થા નેસ્ટા દ્વારા ડિસ્કવરી એવોર્ડ્સના પ્રમોટ કરવા માટે એક ખાસ કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. તેનો આશય એન્ટિ માઇક્રોબાયલ રેઝિસ્ટન્સ ડાયેગ્નોસ્ટિકના ક્ષેત્રે ઇનોવેશનનો પાયો નાખવા માટેનો છે. ડિસ્કવરી એવોર્ડ્સ માટે બિરાક ૧ લાખ પાઉન્ડનું ભંડોળ આપશે. જેથી કદાચ ભારતના લોકોને ભાગ લેવા માટે ટેકો આપી શકાય.

ડિસ્કવરી એવોર્ડ્સ એ ટીમ તેમજ વ્યક્તિગત રીતે આપવામાં આવતાં એવા એવોર્ડ છે કે જેના કારણે તેઓ આગળ જઈને લોન્ગિટ્યુડ પ્રાઇઝ માટે પોતાનું નામ નોંધાવી શકે. બ્રિટિશ સરકારે ૧૯૧૪માં લોન્ગિટ્યુડ એવોર્ડ્સની શરૂઆત કરી હતી. તે એવા વૈજ્ઞાનિકોને આપવામાં આવે છે કે જેમણે દુનિયાને પડતી મોટી મુશ્કેલીઓનું નિરાકરણ આપ્યું છે.

બાયોટેકનોલોજી વિભાગના સચિવ અને બિરાકના ચેરમેન પ્રો. કે. વિજયરાઘવને જણાવ્યું હતું કે સસ્તી, ઝડપી અને સારી નિદાનની ટેકનિક શોધવા માટે સંશોધન ચાવીરૂપ છે. બિરાક એએમઆર જેવા જાહેર આરોગ્યને લગતા જોખમો સામે સંશોધનો મારફતે લડવા કટિબદ્ધ છે. નેસ્ટા સાથેની અમારી ભાગીદારી મૂલ્યવાન છે. તેના કારણે અમે વધારે માત્રામાં સંશોધન કરી શકીશું અને અમારી પાસે રહેલા સ્રોતોનો ઉપયોગ કરી શકીશું. તેમ બિરાકના મેનેજિંગ ડિરેક્ટર અને ડીબીટીના સિનિયર એડવાઇઝર ડો. રેણુસ્વરૂપે જણાવ્યું હતું. છેલ્લા કેટલાક દાયકાથી એએમઆરે સમગ્ર વિશ્વના લોકોનાં આરોગ્ય સામે જોખમ ઊભું કર્યું છે. તેના કારણે બીમારી લાંબી ચાલે છે, અપંગતા આવે છે અને મોતનું પણ જોખમ રહેલું છે.

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Headline: Developing Diagnostics to Address the Global Problem of AMR

The Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology, Government of India and Nesta, a United Kingdom-based Charity managing the Longitude Prize, organized an outreach event on Thursday in New Delhi to promote the Discovery Awards, which aim to create a pipeline of innovations in the Anti-Microbial Resistance (AMR) diagnostics. BIRAC has committed a funding of GBP 100,000 for the Discovery Awards, to support Indian participants.

The Discovery Awards are seed grants to support teams and individuals to further develop their ideas for the Longitude Prize. The British government introduced the Longitude Award in 1714 to support scientists to solve the most pertinent challenges affecting the globe. The current call under the Longitude Prize aims to create a cost-effective, accurate, rapid, and easy-to-use diagnostic test for bacterial infections that will allow health professionals worldwide to choose the right antibiotics for the right bacteria thereby preventing antibiotic misuse and resulting resistance.

"AMR is a serious and rising threat to global public health that requires a concerted effort from different sectors. There is an urgent need to develop rapid and affordable diagnostic tools to enable early diagnosis and identification of drug resistant strains of infection. Partnerships are crucial for technology development and we believe our collaboration with Nesta on the Discovery Awards will provide the necessary impetus and mentorship to our Indian innovators as they solve the pressing problem posed by AMR," said Prof. K. VijayRaghavan, Secretary, Department of Biotechnology and Chairman, BIRAC.

"In order to develop affordable, faster and better diagnostics, research and innovation is the key. BIRAC is committed to solving emerging public health issues such as AMR through innovations, and in this regard our partnership with Nesta is of high value since collaborating across sectors can prevent the duplication of efforts and can maximize the resources available," said Dr. Renu Swarup, Senior Adviser, DBT, and Managing Director, BIRAC.

In the past few decades, AMR has posed a significant public health challenge across the world. The occurrence of resistance to the most commonly used antibiotics has resulted in treatment failure, prolonged illness, disability and greater risk of death and skyrocketing costs of care. The effective management of a number of diseases such as tuberculosis (TB), malaria, HIV and influenza among other diseases, has been compromised due to the emergence of drug resistant strains of these diseases. For example, in the case of TB, globally, 3.5% of new TB cases and 20.5% of previously treated TB cases are estimated to have multi-drug resistant TB.

"Given the urgency and importance of this issue, we need a rapid, accurate, affordable point of care test that is accessible to all communities, and will significantly reduce the misuse and overuse of antibiotics. Encouraging and providing the necessary support to medical technology developers is

crucial to drive research and development efforts towards this diagnostic tool. The Discovery Awards present itself as an ideal platform for fostering research and innovation, and our collaboration with BIRAC will help us tap into the vast potential available in India," said Ms. Tamar Ghosh, Lead, Longitude Prize.

Dignitaries including Prof. K. Vijayraghavan, Secretary, DBT and Chairman, BIRAC; Dr. Renu Swarup, Senior Adviser, DBT and Managing Director, BIRAC; and Ms. Tamar Ghosh, Lead, Nesta were present at the event. Other participants included representatives from academia, industry and government agencies including Department of Science and Technology, Department of Scientific and Industrial Research and Indian Council for Medical Research.

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Date: 28th July, 2016

Headline: Developing Diagnostics to Address the Global Problem of AMR

The Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology, Government of India and Nesta, a United Kingdom-based Charity managing the Longitude Prize, organized an outreach event on Thursday in New Delhi to promote the Discovery Awards, which aim to create a pipeline of innovations in the Anti-Microbial Resistance (AMR) diagnostics. BIRAC has committed a funding of GBP 100,000 for the Discovery Awards, to support Indian participants.

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"AMR is a serious and rising threat to global public health that requires a concerted effort from different sectors. There is an urgent need to develop rapid and affordable diagnostic tools to enable early diagnosis and identification of drug resistant strains of infection. Partnerships are crucial for technology development and we believe our collaboration with Nesta on the Discovery Awards will provide the necessary impetus and mentorship to our Indian innovators as they solve the pressing problem posed by AMR," said Prof. K. VijayRaghavan, Secretary, Department of Biotechnology and Chairman, BIRAC.

"In order to develop affordable, faster and better diagnostics, research and innovation is the key. BIRAC is committed to solving emerging public health issues such as AMR through innovations, and in this regard our partnership with Nesta is of high value since collaborating across sectors can prevent the duplication of efforts and can maximize the resources available," said Dr. Renu Swarup, Senior Adviser, DBT, and Managing Director, BIRAC.

In the past few decades, AMR has posed a significant public health challenge across the world. The occurrence of resistance to the most commonly used antibiotics has resulted in treatment failure, prolonged illness, disability and greater risk of death and skyrocketing costs of care. The effective management of a number of diseases such as tuberculosis (TB), malaria, HIV and influenza among other diseases, has been compromised due to the emergence of drug resistant strains of these diseases. For example, in the case of TB, globally, 3.5% of new TB cases and 20.5% of previously treated TB cases are estimated to have multi-drug resistant TB.

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crucial to drive research and development efforts towards this diagnostic tool. The Discovery Awards present itself as an ideal platform for fostering research and innovation, and our collaboration with BIRAC will help us tap into the vast potential available in India," said Ms. Tamar Ghosh, Lead, Longitude Prize.

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Publication: Scoop Big
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Publication: Smart Tech Today
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Publication: State Business
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Publication: Swadesh News
Edition: Online
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Publication: Tech Spirit
Edition: Online
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Publication: Tez News Today
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Publication: The Hans India
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Publication: The Pharma Times
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"AMR is a serious and rising threat to global public health that requires a concerted effort from different sectors. There is an urgent need to develop rapid and affordable diagnostic tools to enable early diagnosis and identification of drug resistant strains of infection. Partnerships are crucial for technology development and we believe our collaboration with Nesta on the Discovery Awards will provide the necessary impetus and mentorship to our Indian innovators as they solve the pressing problem posed by AMR," said Prof. K. VijayRaghavan, Secretary, Department of Biotechnology and Chairman, BIRAC.

"In order to develop affordable, faster and better diagnostics, research and innovation is the key. BIRAC is committed to solving emerging public health issues such as AMR through innovations, and in this regard our partnership with Nesta is of high value since collaborating across sectors can prevent the duplication of efforts and can maximize the resources available," said Dr. Renu Swarup, Senior Adviser, DBT, and Managing Director, BIRAC.

In the past few decades, AMR has posed a significant public health challenge across the world. The occurrence of resistance to the most commonly used antibiotics has resulted in treatment failure, prolonged illness, disability and greater risk of death and skyrocketing costs of care. The effective management of a number of diseases such as tuberculosis (TB), malaria, HIV and influenza among other diseases, has been compromised due to the emergence of drug resistant strains of these diseases. For example, in the case of TB, globally, 3.5% of new TB cases and 20.5% of previously treated TB cases are estimated to have multi-drug resistant TB.

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crucial to drive research and development efforts towards this diagnostic tool. The Discovery Awards present itself as an ideal platform for fostering research and innovation, and our collaboration with BIRAC will help us tap into the vast potential available in India," said Ms. Tamar Ghosh, Lead, Longitude Prize.

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Publication: The Tech Portal
Edition: Online
Date: 28th July, 2016

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Publication: The Telegraph
Edition: Online
Date: 28th July, 2016

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Publication: VC Circle
Edition: Online
Date: 28th July, 2016

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Publication: Vyapaari
Edition: Online
Date: 28th July, 2016

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Publication: Web India 123
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Publication: Young Biz News
Edition: Online
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Publication: Bio Spectrum
Edition: Online
Date: 29th July, 2016

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Publication: Bio Voice
Edition: Online
Date: 29th July, 2016

Headline: India joins global efforts to develop diagnostics to tackle AMR

The government of India has committed the funding worth Rs 88 lakh to support the Indian scientists who are a part of the global initiative to find the diagnostic solution for anti-microbial resistance

The Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology, Government of India and Nesta, a United Kingdom based Charity managing the Longitude Prize, organized an outreach event on July 28, 2016 in New Delhi to promote the Discovery Awards, which aim to create a pipeline of innovations in the Anti-Microbial Resistance (AMR) diagnostics. BIRAC has committed a funding of GBP 100,000 (INR 88,39,618) for the Discovery Awards, to support Indian participants.

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Publication: Bright News
Edition: Online
Date: 29th July, 2016

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Publication: Daily Hunt
Edition: Online
Date: 29th July, 2016

Headline: Developing Diagnostics to Address the Global Problem of AMR

नई दिल्ली। जैव प्रौद्योगिकी विभाग (डीबीटी) की संस्था बीआईआरएसी एंटी माइक्रोबियल रेसिस्टेंस (एएमआर) का निदान ढूँढने के लिए लांगीट्यूड प्राइज में हिस्सा लेने वाली टीमों को डिस्कवरी पुरस्कार के रूप में एक लाख पाउंड (लगभग 90 लाख रुपये) का पुरस्कार देगी।

5 स्टार एसी नहीं बचाता बिजली, 28 फीसदी अधिक खाता है बिजली

बायोटेक्नोलॉजिकल इंडस्ट्रियल रिसर्च एसिस्टेंस काउंसिल (बीआईआरएसी) की ओर से यह सहायता राशि उपलब्ध कराई जायेगी। लॉंगिट्यूड प्राइज की स्थापना वर्ष 1714 में ब्रिटिश सरकार ने की थी। वर्तमान में इसका प्रबंधन ब्रिटेन की धर्मार्थ संस्था नेस्टा देखती है। वर्ष 2014 में इसने एएमआर का निदान ढूँढने के लिए एक प्रतियोगिता आयोजित की थी। इसमें दुनिया भर में 161 टीमों में पंजीकरण कराया है जिसमें 19 भारतीय हैं।

भारत एक मात्र ऐसा देश है जहाँ सरकारी विभाग प्रतिभागी टीमों को अपनी खोज पर काम करने के लिए पुरस्कार राशि/अनुदान उपलब्ध करा रहा है।

जेटब्लू होगी अमेरिका से क्यूबा जाने वाली पहली व्यवसायिक विमान

डीबीटी के सचिव प्रो. विजय राघवन ने डिस्कवरी पुरस्कारों की घोषणा करते हुये बताया कि इसके लिए 26 अगस्त तक आवेदन किये जायेंगे। उन्होंने कहा कि भारतीय वैज्ञानिकों में काफी उत्साह है और यह उचित ही होगा यदि कोई भारतीय टीम अंतर्राष्ट्रीय स्तर पर प्रतिस्पद्धा कर यह पुरस्कार जीतती है।

Publication: Express Healthcare
Edition: Online
Date: 29th July, 2016

Headline: BIRAC, Nesta organise event in New Delhi to promote Discovery Awards

Discovery Awards aim to create a pipeline of innovations in the Anti-Microbial Resistance diagnostics

The Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology, Government of India and Nesta, a United Kingdom-based Charity managing the Longitude Prize, organised an outreach event in New Delhi recently to promote the Discovery Awards, which aim to create a pipeline of innovations in the Anti-Microbial Resistance (AMR) diagnostics. BIRAC has committed a funding of GBP 100,000 for the Discovery Awards, to support Indian participants.

Dignitaries including Prof K Vijayraghavan, Secretary, DBT and Chairman, BIRAC; Dr Renu Swarup, Senior Adviser, DBT and Managing Director, BIRAC; and Tamar Ghosh, Lead, Nesta were present at the event. Other participants included representatives from academia, industry and government agencies including Department of Science and Technology, Department of Scientific and Industrial Research and Indian Council for Medical Research.

The Discovery Awards are seed grants to support teams and individuals to further develop their ideas for the Longitude Prize. The British government introduced the Longitude Award in 1714 to support scientists to solve the most pertinent challenges affecting the globe. The current call under the Longitude Prize aims to create a cost-effective, accurate, rapid, and easy-to-use diagnostic test for bacterial infections that will allow health professionals worldwide to choose the right antibiotics for the right bacteria thereby preventing antibiotic misuse and resulting resistance.

“AMR is a serious and rising threat to global public health that requires a concerted effort from different sectors. There is an urgent need to develop rapid and affordable diagnostic tools to enable early diagnosis and identification of drug resistant strains of infection. Partnerships are crucial for technology development and we believe our collaboration with Nesta on the Discovery Awards will provide the necessary impetus and mentorship to our Indian innovators as they solve the pressing problem posed by AMR,” said Prof K Vijay Raghavan, Secretary, Department of Biotechnology and Chairman, BIRAC.

“In order to develop affordable, faster and better diagnostics, research and innovation is the key. BIRAC is committed to solve emerging public health issues such as AMR, through innovations and in this regard our partnership with Nesta is of high value since collaborating across sectors can prevent the duplication of efforts and can maximise the resources available,” said Dr Renu Swarup, Senior Adviser, DBT, and Managing Director, BIRAC.

“Given the urgency and importance of this issue we need a rapid, accurate, affordable point of care test that is accessible to all communities, and will significantly reduce the misuse and overuse of antibiotics. Encouraging and providing the necessary support to medical technology developers is crucial to drive research and development efforts towards this diagnostic tool. The Discovery Awards

presents itself as an ideal platform for fostering research and innovation and our collaboration with BIRAC will help us tap into the vast potential available in India," said Tamar Ghosh, Lead, Longitude Prize.

Publication: Samachar Jagat
Edition: Online
Date: 29th July, 2016

Headline: Developing Diagnostics to Address the Global Problem of AMR

नई दिल्ली। जैव प्रौद्योगिकी विभाग (डीबीटी) की संस्था बीआईआरएसी एंटी माइक्रोबियल रेसिस्टेंस (एएमआर) का निदान ढूँढने के लिए लांगीट् यूड प्राइज में हिस्सा लेने वाली टीमों को डिस्कवरी पुरस्कार के रूप में एक लाख पाउंड (लगभग 90 लाख रुपये) का पुरस्कार देगी।

5 स्टार एसी नहीं बचाता बिजली, 28 फीसदी अधिक खाता है बिजली

बायोटेक्नोलॉजिकल इंडस्ट्रियल रिसर्च एसिस्टेंस काउंसिल (बीआईआरएसी) की ओर से यह सहायता राशि उपलब्ध कराई जायेगी। लॉंगिटयूड प्राइज की स्थापना वर्ष 1714 में ब्रिटिश सरकार ने की थी। वर्तमान में इसका प्रबंधन ब्रिटेन की धर्मार्थ संस्था नेस्टा देखती है। वर्ष 2014 में इसने एएमआर का निदान ढूँढने के लिए एक प्रतियोगिता आयोजित की थी। इसमें दुनिया भर में 161 टीमों में पंजीकरण कराया है जिसमें 19 भारतीय हैं।

भारत एक मात्र ऐसा देश है जहाँ सरकारी विभाग प्रतिभागी टीमों को अपनी खोज पर काम करने के लिए पुरस्कार राशि/अनुदान उपलब्ध करा रहा है।

जेटब्लू होगी अमेरिका से क्यूबा जाने वाली पहली व्यवसायिक विमान

डीबीटी के सचिव प्रो. विजय राघवन ने डिस्कवरी पुरस्कारों की घोषणा करते हुये बताया कि इसके लिए 26 अगस्त तक आवेदन किये जायेंगे। उन्होंने कहा कि भारतीय वैज्ञानिकों में काफी उत्साह है और यह उचित ही होगा यदि कोई भारतीय टीम अंतर्राष्ट्रीय स्तर पर प्रतिस्पद्र्धा कर यह पुरस्कार जीतती है।

Publication: UNI Varta
Edition: Online
Date: 29th July, 2016

Headline: Developing Diagnostics to Address the Global Problem of AMR

एएमआर का निदान ढूँढ़ने के लिए एक लाख पाउंड देगा डीबीटी

नयी दिल्ली 29 जुलाई (वार्ता) जैव प्रौद्योगिकी विभाग (डीबीटी) की संस्था बीआईआरएसी एंटी माइक्रोबियल रेसिस्टेंस (एएमआर) का निदान ढूँढ़ने के लिए लांगीट्यूड प्राइज में हिस्सा लेने वाली टीमों को डिस्कवरी पुरस्कार के रूप में एक लाख पाउंड (लगभग 90 लाख रुपये) का पुरस्कार देगी।

बायोटेक्नोलॉजिकल इंडस्ट्रियल रिसर्च एसिस्टेंस काउंसिल (बीआईआरएसी) की ओर से यह सहायता राशि उपलब्ध कराई जायेगी। लांगीट्यूड प्राइज की स्थापना वर्ष 1714 में ब्रिटिश सरकार ने की थी। वर्तमान में इसका प्रबंधन ब्रिटेन की धर्मार्थ संस्था नेस्टा देखती है। वर्ष 2014 में इसने एएमआर का निदान ढूँढ़ने के लिए एक प्रतियोगिता आयोजित की थी। इसमें दुनिया भर में 161 टीमों में पंजीकरण कराया है जिसमें 19 भारतीय हैं।

Publication: Drug Today
Edition: Online
Date: 30th July, 2016

Headline: Promoting innovations to battle anti microbial resistance

Antimicrobial resistance (AMR) is not only a global health issue but a challenge which has "serious" economic consequences, Prof. K. Vijay Raghavan, India's Secretary-Biotechnology, and Chairman, BIRAC, has said.

Prof. Raghavan underlined the need to develop rapid and affordable diagnostic tools to enable early diagnosis and identification of drug resistant strains of infection.

"Partnerships are crucial for technology development and we believe our collaboration with Nesta on the Discovery Awards will provide the necessary impetus and mentoring to our Indian innovators as they solve the pressing problems posed by AMR," stated Raghavan, while speaking at the outreach event in New Delhi to promote the Discovery Awards, which aim to create a pipeline of innovations in AMR diagnostics.

AMR is resistance of a microbe to an antimicrobial medication that used to be effective in treating or preventing an infection caused by it.

BIRAC has committed a funding of GBP 100,000 for the Discovery Awards, to support Indian participants. The Discovery Awards are seed grants to support teams and individuals to further develop their ideas for the Longitude Prize.

Dr Renu Sarup, managing director, BIRAC, said, "We are committed to solve emerging public health issues such as AMR through innovations. Our partnership with Nesta is of high value since collaborating across sectors can prevent the duplication of efforts and can maximize the resources available."

Antimicrobial resistance is not only a health issue but a challenge which also has "serious" economic consequences. Antibiotics resistance and failure to tackle infections "undermine" advancements that have been made in surgery and medicine.

The occurrence of resistance to the most commonly used antibiotics has resulted in treatment failure, prolonged illness, disability, greater risk of death and skyrocketing costs of care.

Tamar Ghosh, Lead, Longitude Prize said, "Discovery Awards are an ideal platform for fostering research and innovation, and our collaboration with BIRAC will help us tap into the vast potential available in India."

The British government introduced the Longitude Award in 1714 to support scientists to solve the most pertinent challenges affecting the globe. The current call under the Longitude Prize aims to create a cost-effective, accurate, rapid, and easy-to-use diagnostic test for bacterial infections that will allow health professionals worldwide to choose the right antibiotics for the right bacteria thereby preventing antibiotic misuse and resulting resistance.

Publication: Virat Post
Edition: Online
Date: 30th July, 2016

Headline: Developing Diagnostics to Address the Global Problem of AMR

नई दिल्ली, 29 जुलाई (वा)। जैव प्रौद्योगिकी विभाग (डीबीटी) की संस्था बीआईआरएसी एंटी माइक्रोबियल रेसिस्टेंस (एएमआर) का निदान ढूंढने के लिए लांगीट्यूड प्राइज में हिस्सा लेने वाली टीमों को डिस्कवरी पुरस्कार के रूप में एक लाख पाउंड (लगभग 90 लाख रुपए) का पुरस्कार देगी। बायोटेक्नोलॉजिकल इंडस्ट्रियल रिसर्च एसिस्टेंस काउंसिल (बीआईआरएसी) की ओर से यह सहायता राशि उपलब्ध कराई जाएगी। लांगीट्यूड प्राइज की स्थापना वर्ष 1714 में ब्रिटिश सरकार ने की थी। वर्तमान में इसका प्रबंधन ब्रिटेन की धर्मार्थ संस्था नेस्टा देखती है। वर्ष 2014 में इसने एएमआर का निदान ढूंढने के लिए एक प्रतियोगिता आयोजित की थी। इसमें दुनियाभर में 161 टीमों में पंजीकरण कराया है जिसमें 19 भारतीय हैं। भारत एक मात्र ऐसा देश है जहां सरकारी विभाग प्रतिभागी टीमों को अपनी खोज पर काम करने के लिए पुरस्कार राशि/अनुदान उपलब्ध करा रहा है। डीबीटी के सचिव प्रो. विजय राघवन ने डिस्कवरी पुरस्कारों की घोषणा करते हुए बताया कि इसके लिए 26 अगस्त तक आवेदन किए जाएंगे। उन्होंने कहा कि भारतीय वैज्ञानिकों में काफी उत्साह है और यह उचित ही होगा यदि कोई भारतीय टीम अंतर्राष्ट्रीय स्तर पर प्रतिस्पद्र्धा कर यह पुरस्कार जीतती है। बीआईआरएसी की प्रबंध निदेशक डॉ. रेणु स्वरूप ने बताया कि 26 अगस्त तक जो टीमें आवेदन करेंगी उनमें से कुछ को डिस्कवरी पुरस्कार प्रदान किया जाएगा जिसकी कुल राशि एक लाख पाउंड होगी। लेकिन, अन्य टीमें भी लांगीट्यूड पुरस्कार की दौर में रहेंगी। फर्क सिर्फ इतना होगा कि उन्हें अपने आइडिया पर काम करने के लिए पैसा अन्यत्र से जुटाना होगा। उन्होंने बताया कि नवंबर-दिसंबर तक टीमों का चयन कर उन्हें अनुसंधान के लिए राशि उपलब्ध करा दी जाएगी। यहां स्थित भारतीय उच्चायोग की वरिष्ठ स्वास्थ्य सलाहकार हिमानी भारद्वाज ने बताया कि लांगीट्यूड प्राइज की कुल पुरस्कार राशि एक करोड़ पाउंड है। इसमें 80 लाख पाउंड (करीब 72 करोड़ रुपये)विजेता टीम को दिए जाएंगे जबकि अन्य 20 लाख पाउंड किस्तों में ऐसी प्रतिभागी टीमों को उपलब्ध कराई जाएगी जिन्हें अपने अनुसंधान पर काम करने के लिए पैसे की दिक्कत महसूस होगी। सुश्री भारद्वाज ने बताया कि प्रतियोगिता का लक्ष्य ऐसे उपकरण या ऐप या कोई ऐसी तकनीक विकसित करना होगा जिससे एंटी बायोटिक दवाओं के गैर-जरूरी इस्तेमाल को रोका जा सके; जिससे यह आसानी से पता चल सके कि कौन सी बीमारी बैक्टीरिया की वजह से है और कौन सी अन्य कारणों से। उन्होंने कहा कि एएमआर को काबू करने का यही एक मात्र रास्ता है। हम कितनी भी नई दवाओं का आविष्कार कर लें एक समय के बाद बीमारियों के जीवाणु भी उनके प्रति प्रतिरोधक क्षमता विकसित कर लेंगे।

Keywords : एएमआर का को डीबीटी ढूंढने देगी निदान लाख वाले ९०