

STRUCTURE OF THE ICGB AFFILIATED CENTRES

COUNTRY	CONTACT DETAILS	STRUCTURE OF THE AFFILIATED CENTRE
ALGERIA (from 1999 AC Report)	Affiliated Centre/Liaison Officer Dr. Ammar Azioune, Directeur Centre de Recherche en Biotechnology (CRBT) de Constantine Algeria	AC is a network of laboratories hosted by different institutions: •Centre de Développement des Tehcniques Nucléaires, CDTN - Laboratoire des Radiopharmaceutiques - Laboratoire de Microbiologie Industrielle - Laboratoire de Génie de l'Environnement - Laboratoire de Biotechnologie Agricole •Institut National Agronomique, INA - Département de Phytogenie - Département de Technologie •Institut National de la Recherche Agronomique d'Algérie, INRAA - Station de Recherche •Centre de Recherche Scientifique et Technique sur les Régions Arides, CRSTRA •Université Mouloud Mameri de Tizi Ouzou - Institut de Biologie •Centre Universitaire de Ouargia - Institut des Sciences Agronomiques
ARGENTINA (from 1999 AC Report)	Affiliated Centre/Liaison Officer Dr. Silvia Moreno Departamento de Quimica Biologica Facultad de Ciencias Exactas y Naturales – UBA Ciudad Universitaria Buenos Aires Argentina	AC is a network of Universities and Research Institutions affiliated with Universities or CONICET
BANGLADESH (from Conclusions & Decisions Board 2014)	Affiliated Centre/Liaison Officer Dr. Md. Salimullah Director General National Institute of Biotechnology (NIB) Dhaka Bangladesh	AC is a single entity
BOSNIA AND HERZEGOVINA (from Conclusions & Decisions Board 2002)	Affiliated Centre/Liaison Officer Prof. Kasim Bajrovic Scientific Advisor Institute for Genetic Engineering and Biotechnology University of Sarajevo Sarajevo Bosnia and Herzegovina	AC is a single entity
BRAZIL (from 2000 AC Report)	Affiliated Centre/Liaison Officer Dr. Luiz Henrique Mourão do Canto Pereira General Coordinator for Biotechnology and Health Ministry of Science and Technology Brasília DF Brazil	AC is the hub of a network of the following Institutions: •EMBRAPA, Recursos Genéticos e Biotecnologia, Brasília •Fundação Oswaldo Cruz (FIOCRUZ) Rio de Janeiro •Istituto Butantã, São Paulo
BULGARIA (from 2000 AC Report)	Affiliated Centre Institute of Genetic Engineering (IGE) National Centre of Agricultural Sciences Kostinbrod Bulgaria Liaison Officer Dr. Dimitar Djilianov AgroBioInstitute Sofia Bulgaria	IGE is representative of the following institutions: •Institute of Molecular Biology, Bulgarian Academy of Sciences (BAS), Sofia •Institute of Genetics, BAS, Sofia •Sofia State University "KI. Ohridski", Biological Faculty •Academy of Medicine, Department of Genetics, Sofia •Agricultural University, Department of Genetics, Plovdiv

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CHILE (from 2000 AC Report)	Affiliated Centre Comité Nacional de Biotecnología de CONICYT Providencia Chile Liaison Officer Prof. Alexis M. Kalergis Facultad de Ciencias Biológicas - Facultad de Medicina Pontificia Universidad Católica de Chile Santiago Chile	AC is a network of Institutions (consortium) participating under CONICYT coordination. The Institutions are as follows: <ul style="list-style-type: none"> •Universidad de Chile <ul style="list-style-type: none"> - Instituto de Ciencias Biomédicas (ICBM) - Centro de Ingeniería Bioquímica y Biotecnología - Facultad de Ciencias •Pontificia Universidad Católica de Chile <ul style="list-style-type: none"> - Facultad de Ingeniería, Depto de Ingeniería Química y Bioprocesos •Universidad Católica de Valparaíso <ul style="list-style-type: none"> - Facultad de Ingeniería, Escuela de Ingeniería Bioquímica •Universidad de Concepción <ul style="list-style-type: none"> - Facultad de Ingeniería, Depto. de Ingeniería Química •Universidad Austral de Chile <ul style="list-style-type: none"> - Instituto Producción y Sanidad Vegetal •Universidad de Talca <ul style="list-style-type: none"> - Instituto de Biología Vegetal y Biotecnología •Universidad Andrés Bello <ul style="list-style-type: none"> - Facultad de Ciencias de la Salud, Escuela de Química y Farmacia
CHINA (from 1999 AC Report)	Affiliated Centre/Liaison Officer Prof. Zhang Xinmin Director General China National Center for Biotechnology Development (CNCBD) Beijing China	AC is not a research centre. It is an Institution under the leadership of the Ministry of Science and Technology (MOST) of China Its major function is to organize the implementation and administration of national R&D programmes on biotechnology in nationwide
COLOMBIA (AC Report not received)	Affiliated Centre/Liaison Officer Dr. Claudia Patricia Tinjacá National Biotechnology Programme Department of Science, Technology and Innovation COLCIENCIAS Bogotá Colombia	
COSTA RICA (from 1999 AC Report)	Affiliated Centre/Liaison Officer Dr. José Alberto Bonilla Director, Centro de Investigación en Biología Celular y Molecular (CIBCM) Universidad de Costa Rica San Pedro, San José Costa Rica	AC is a single institute that belongs to the University of Costa Rica
CROATIA (from 2000 AC Report)	Affiliated Centre/Liaison Officer Dr. Hrvoje Fulgosi Department of Molecular Biology Rudjer Boskovic Institute Zagreb Croatia	AC is a single institution (precisely: a division of an institution)
CUBA (AC Report not received)	Affiliated Centre/Liaison Officer Dr. Jorge Valdés Hernández Vice Director Technological Development Center for Genetic Engineering and Biotechnology (CIGB) Habana Cuba	
ECUADOR (from Conclusions & Decisions Board 2009)	Affiliated Centre/Liaison Officer Dr. Washington Benitez Director: Centro Internacional de Zoonosis (CIZ) Laboratory of Immunodiagnostic and Research Universidad Central del Ecuador Quito Ecuador	AC is a single entity

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EGYPT (from 1999 AC Report)	Affiliated Centre/Liaison Officer Prof. Hamdy Abdel Aziz Moursy Egyptian Academy of Scientific Research and Technology Cairo Egypt	AC is a single entity
FYR MACEDONIA (from 1999 AC Report)	Affiliated Centre Research Center for Genetic Engineering and Biotechnology Macedonian Academy of Sciences and Arts Skopje FYR Macedonia Liaison Officer Prof. Zivko Popov Macedonian Academy of Sciences and Arts Skopje FYR Macedonia	AC is acting as a research unit of the Macedonian Academy of Sciences and Arts
HUNGARY (from 2000 AC Report)	Affiliated Centre Biological Research Centre (BRC) of the Hungarian Academy of Sciences Szeged Hungary Liaison Officer Ms. Nora Jeney International Counsellor National Research, Development and Innovation Office Budapest Hungary	The Biological Research Center (BRC) is one unit led by the General Director It consists of five Institutes: •Institute of Biophysics •Institute of Biochemistry •Institute of Enzymology •Institute of Genetics •Institute of Plant Biology
IRAN (ISLAMIC REPUBLIC OF) (from Conclusions & Decisions Board 2002)	Affiliated Centre/Liaison Officer Dr. Amir Mousavi Director, International Relations Coordinator National Institute of Genetic Engineering and Biotechnology (NIGEB) Tehran Iran	AC is the National Institute of Genetic Engineering and Biotechnology (NIGEB) <i>formerly "National Research Centre for Genetic Engineering and Biotechnology"</i>
JORDAN (from Conclusions & Decisions Board 2013)	Affiliated Centre Hamdi Mango Center for Scientific Research University of Jordan Amman Jordan Liaison Officer Prof. Nabil A. Bashir University of Science and Technology School of Medicine Irbid Jordan	AC is the Hamdi Mango Center for Scientific Research (HMCSR) within the University of Jordan
KENYA (from Conclusions & Decisions Board 2013)	Affiliated Centre Plant Transformation Laboratory Department of Biochemistry and Biotechnology Kenyatta University Nairobi Kenya Liaison Officer Dr. Moses K. Rugutt Director-General / CEO National Commission for Science, Technology and Innovation Nairobi Kenya	AC is the Plant Transformation Laboratory, Department of Biochemistry and Biotechnology, Kenyatta University

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KUWAIT (from Conclusions & Decisions Board 2005)	Affiliated Centre/Liaison Officer Dr. Sabah Al Momin Biotechnology Program Kuwait Institute for Scientific Research (KISR) Safat Kuwait	AC is The Kuwait Institute for Scientific Research (KISR)
MEXICO (from 2000 AC Report)	Affiliated Centre/Liaison Officer Dr. Laura Esther Tovar Castillo Director of Information and Fostering Research Executive Secretariat of Inter-Secretarial Commission of Biosafety of Genetically Modified Organisms (CIBIOGEM) National Council of Science and Technology (CONACYT) México D.F. Mexico	The Affiliated Centre (CONACYT) is a network of the following Institutions: <ul style="list-style-type: none"> •Centro de Investigación sobre Fijación de Nitrógeno (CIFN), Universidad Nacional Autónoma de México (UNAM), Cuernavaca, Morelos •Research Center on Biotechnology, State University of Morelos, Cuernavaca, Morelos •Center of Research and Advanced Studies of the National Polytechnic Institute (CINVESTAV - IPN), Irapuato Unit, Unit of Biotechnology and Plant Genetic Engineering •Institute of Biotechnology, National Autonomous University of Mexico, Cuernavaca, Morelos •Biochemistry Department, School of Medicine, Autonomous University of Nuevo Leon, Monterrey, NL
MOROCCO (AC Report not received)	Affiliated Centre Institut National de la Recherche Agronomique (INRA) Rabat Morocco Liaison Officer Director CNRST Rabat Morocco	
NIGERIA (from 2000 AC Report)	Affiliated Centre National Centre for Genetic Resources and Biotechnology (NACGRAB) Federal Ministry of Science and Technology Ibadan Nigeria Liaison Officer Prof. Alex U. Akpa Acting Director-General/CEO National Biotechnology Development Agency (NABDA) Wuse, Abuja Nigeria	AC is a single Institution operating in collaboration with a network of laboratories, as follows: <ul style="list-style-type: none"> •Postgraduate Institute for Medical Research and Training (PIMRAT), University College Hospital (UCH), University of Ibadan •Department of Botany and Microbiology, University of Ibadan •Center for Agricultural Biotechnology, Federal University of Agriculture, Umudike •Microbial Ecology/Plant Interaction Laboratory, Biotechnology Research Center, Faculty of Natural Sciences, Nnamdi Azikiwe University, Awka, Anambra State •Advanced Biotechnology Laboratory, Sheda Science and Technology Complex, Abuja •Yitzhak Rabbin Laboratory for Micropropagation and Biotechnology, Nnamdi Azikiwe University, Awka, Anambra State •Foundation for African Development Through International Biotechnology, Enugu
PAKISTAN (AC Report not received)	Affiliated Centre/Liaison Officer Dr. Shahid Mansoor Director National Institute for Biotechnology and Genetic Engineering (NIBGE) Faisalabad Pakistan	
PERU (from 2000 AC Report)	Affiliated Centre National Council of Science, Technology and Technological Innovation (CONCYTEC) Lima Peru Liaison Officer Dr. Cristina Guerra-Giraldez LID 115, Facultad de Ciencias y Filosofía Universidad Peruana Cayetano Heredia Lima Peru	The institutions participating in the AC are as follows: <ul style="list-style-type: none"> •Universidad Peruana Cayetano Heredia, Facultad de Ciencias y Filosofía, Laboratorios de Investigación y Desarrollo, Lima •Instituto de Enfermedades Neoplásicas, Centro de Investigación en Cáncer "Maes-Heller", Lima •Instituto Nacional de Salud, Lima •Instituto Nacional de Investigación Agraria, Lima

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ROMANIA (from Conclusions & Decisions Board 2011)	Affiliated Centre/Liaison Officer Mrs. Anca Oancea Senior researcher National Institute of Research and Development for Biological Sciences (INCDSB) Bucharest Romania	AC is a single entity
RUSSIAN FEDERATION (from 2000 AC Report)	Affiliated Centre/Liaison Officer Prof. Nikolai V. Gnuchev Member-correspondence of the Russian Academy of Sciences Major Scientist, Laboratory of Cancer Molecular Immunogenetics Institute of Gene Biology (IGB) Moscow Russia	AC is a network of institutions of the Russian Academy of Sciences and the Ministry of Health. •Russian Academy of Sciences: - Institute of Gene Biology/RAS - Engelhardt Institute of Molecular Biology/RAS - Centre "Bioengineering" - Far Eastern Branch/RAS •Ministry of Health: - Institute of Immunology
SENEGAL (AC Report not received)	Affiliated Centre/Liaison Officer Dr. Alioune Fall Director General ISRA - Institut Sénégalais de Recherches Agricoles Dakar Senegal	
SERBIA (from 2000 AC Report)	Affiliated Centre/Liaison Officer Dr. Jelena Begovic Acting Director Institute of Molecular Genetics and Genetic Engineering (IMGGE) University of Belgrade Belgrade Serbia	AC is a single entity
SLOVAKIA (Conclusions & Decisions Board 2004)	Affiliated Centre/Liaison Officer Prof. Michal Novak Director Institute of Neuroimmunology Slovak Academy of Sciences (SAV) Bratislava Slovakia	AC is a single Institute that belongs to the Slovak Academy of Sciences
SLOVENIA (from 2000 AC Report)	Affiliated Centre Institute for Molecular Biology and Biotechnology National Institute of Chemistry Ljubjana Slovenia Liaison Officer Dr. Mojca Bencina Laboratory of Biotechnology National Institute of Chemistry Ljubjana Slovenia	AC is a network of the following laboratories: •Laboratory for Biosynthesis and Biotransformation, National Institute of Chemistry*, Ljubljana •Department of Biochemistry and Molecular Biology, Jozef Stefan Institute*, Ljubljana •Medical Centre for Molecular Biology, Institute of Biochemistry, Faculty of Medicine*, University of Ljubljana These three labs and their Institutions(*) constitute the Institute for Molecular Biology and Biotechnology, chair/coordinating point of AC
SRI LANKA (from 2000 AC Report)	Affiliated Centre/Liaison Officer Prof. Ananda Jayawardene Director-General National Science Foundation Colombo Sri Lanka	AC is a network of the following laboratories: •Tea Research Institute of Sri Lanka (TRI), St. Coombs, Talawakelle •Coconut Research Institute (CRI), Lunuwila •Rubber Research Institute of Sri Lanka (RRI), Agalawatta •Sugar cane Research Institute (SRI), Uda Walawe •Rice Research & Development Institute, Ibbagamuwa •Industrial Technology Institute (ITI), Colombo •Faculty of Science, University of Colombo •Faculty of Science, University of Kelaniya •Department of Agriculture (DOA), Peradeniya

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SUDAN (AC Report not received)	Affiliated Centre/Liaison Officer Dr. Nada Babiker Hamza Director Commission for Biotechnology and Genetic Engineering National Center for Research Ministry of Science and Communications Khartoum Sudan	AC is the National Centre for Research (NCR), Ministry of Science and Technology
SYRIAN ARAB REPUBLIC (from Conclusions & Decisions Board 2003)	Affiliated Centre/Liaison Officer Prof. I. Othman Director General Atomic Energy Commission of Syria (AECS) Damascus Syria	AC is the Department of Molecular Biology and Biotechnology of the Atomic Energy Commission of the Syrian Arab Republic
TUNISIA (from 1999 AC Report)	Affiliated Centre/Liaison Officer Prof. Sami Sayadi Director-General Centre of Biotechnology at Sfax Sfax Tunisia	AC is a single Institution
TURKEY (from 1999 AC Report)	Affiliated Centre/Liaison Officer Dr. Jale Sahin Scientific Programs Expert Directorate for International Cooperation Bilateral and Multilateral Relations Department TÜBİTAK Marmara Research Center Genetic Engineering and Biotechnology Institute Gebze/Kocaeli Turkey	AC is a network involving the following Institutions: <ul style="list-style-type: none"> •Department of Molecular Biology and Genetics •Department of Biology •Department of Molecular Biology and Genetics
UNITED ARAB EMIRATES (from Conclusions & Decisions Board 2007)	Affiliated Centre/Liaison Officer Prof. Ghaleb Alhadrami Deputy Vice Chancellor for Research and Graduate Studies United Arab Emirates University Al-Ain United Arab Emirates	AC is the Date Palm Tissue Culture Laboratory within the UAE University
URUGUAY (from 1999 AC Report)	Affiliated Centre/Liaison Officer Dr. Sonia Rodríguez Programa de Desarrollo de las Ciencias Básicas PEDECIBA Ministerio de Educación y Cultura-Universidad de la República Montevideo Uruguay	AC is the Faculty of Sciences coordinating several laboratories working on areas related to the ICGEB scope. These labs belong to different Faculties of: <ul style="list-style-type: none"> - University of the Republic - Instituto de Investigaciones Biológicas Clemente Estable
UNITED REPUBLIC OF TANZANIA (AC Report not received)	Affiliated Centre/Liaison Officer Dr. Amos Nungu Acting Director General Tanzania Commission for Science and Technology (COSTECH) Dar es Salaam Tanzania	AC is the Tanzania Commission for Science and Technology (COSTECH)

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VENEZUELA (BOLIVARIAN REPUBLIC OF) (from 1999 AC Report)	Affiliated Centre Instituto Venezolano de Investigaciones Cientificas (IVIC) Caracas Venezuela Liaison Officer Dr. Leopoldo Naranjo Briceño Ministry of Popular Power for Science, Technology and Intermediate Industries Fundación Instituto de Estudios Avanzados (IDEA) Caracas Venezuela	AC consists of a network of laboratories from different Institutions: •Instituto Venezolano de Investigaciones Cientificas (IVIC) - Center of Microbiology and Cell Biology - Center of Biochemistry and Biophysics - Center of Experimental Medicine •Universidad Central de Venezuela (UCV) - School of Biology - Institute of Biomedicine - Institute of Tropical Medicine - Institute of Experimental Medicine •Universidad Simon Bolivar (USB) - School of Biology •Universidad de Carabobo (UC) - Instituto de Biomedicina •Universidad de los Andes (ULA) - School of Biology •Universidad del Zulia (LUZ) - School of Medicine •Instituto de Estudios Avanzados (IDEA)
VIET NAM (from 1999 AC Report)	Affiliated Centre/Liaison Officer Dr. Vinh Nang Do Co-Director of International Joint Laboratory Rice Functional Genomics and Plant Biotechnology Institute of Agricultural Genetics Ministry of Agriculture and Food Industries Hanoi Viet Nam	AC is a network of 3 different institutes, located in Hanoi: - Institute of Agricultural Genetics (IAG) - Institute of Biotechnology (IB) - Institute of Hygiene and Epidemiology (IHE)

NOTES

- The main information on the structure of the ICGEB Affiliated Centres (AC) is based on the Liaison Officers' reports to ICGEB requested in January 1999 and April 2000
- For those countries that have not submitted the report, the address of the AC has been assumed as that of the Liaison Officers (LO) taken from the ICGEB official Member States list
- For those ACs established after 2000, the information has been taken directly from the ICGEB Board of Governors Conclusions & Decisions
- In the event that the ICGEB Affiliated Centre does not coincide with the Liaison Officer, both Institutes/addresses have been indicated
- The Liaison Officers' address/name has been changed according to the updates communicated to ICGEB

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