

23-29 September 2019

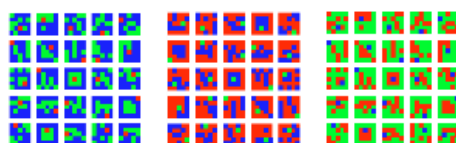
Italian programme



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PROGRAMME EBW 2019



Abruzzo

26/09

New frontiers of primary prevention

Sala Convegni del CeSI-MeT in Via Luigi Polacchi, 11 – 66100 Chieti

Red Biotech

Meeting/debate

More info: stuppia@unich.it, lgallo@unich.it

Chronic non-communicable diseases (cardiovascular diseases, diabetes, cancer, neurodegenerative diseases) are responsible for the deaths of millions of people worldwide every year. Although it has repeatedly been claimed that the increased prevalence of these diseases was mainly due to the ageing of the population, Recent data show that the increased frequency of these conditions is being experienced by older people, such as obesity and juvenile diabetes.

The environment around us and our lifestyle therefore play a key role in determining the individual risk of developing one of these diseases. The new techniques available for the study of the molecular bases of these diseases have given us useful indications on their pathogenic mechanisms. However, the prevention of these conditions passes in an indispensable way through the awareness of the mechanisms of interaction between the environment and the human organism, and awareness of the behaviors to be adopted at the individual and social level to prevent these diseases.

Organiser: Centro Scienze dell'Invecchiamento e Medicina Traslazionale – CeSI-MeT dell'Università degli Studi "G. d'Annunzio" di Chieti Pescara

**TRANSLATIONAL RESEARCH AS A RIGHT OF HEALTH:
extended neonatal screening vector of virtuous interaction between
research and care**

Pescara, Ospedale Civile, Via Fonte Romana, 8

Red Biotech

Play Decide

More info: presidente@uniamo.org - comunicazione@uniamo.org

The 2 events of public debate playdecide for the European biotech Week 2019, proposed by Uniamo F.I.M.R. in close partnership with assobiotec and the Rare Disease Coordination of the Umbria Region and the Abruzzo Region, will then be an opportunity for meaningful discussion in such a decisive passage, and not only for the community of the rare sick. The debate events will take place on September 25 in Perugia and September 26 in Pescara: comparison and discussion, facilitated by the kit-playdecide“neonatal screening” recently updated, will be shared premise at the in-depth seminars.

In Perugia, strong from the far-sighted choice of Umbria to offer even before Law 167/2016 to all unborn children the test of SNE, institutions, health professionals, researchers, patients, citizens will discuss the process of “transactionality” at stake here, so biological data collected in a clinical - preventive context can generate research that responds primarily to a health need while generating a renewed horizon of care and public health, for all citizens.

In Perugia, with the forward-looking choice of Umbria to offer yet more while in Pescara, in light of the recent decision to establish a new SNE screening centre, the extended rare disease community will discuss the requirements and implementation of the diagnosed newborn care protocol, thanks to SNE, to extend the discussion to the patient’s path of high complexity in a framework of good practice and translational research intended as organizational research determining the quality of the process.

Organiser: UNIAMO FEDERAZIONE ITALIANA MALATTIE RARE

Campania

From 4/9 to 8/9

Advanced biotechnologies and human sciences: a meeting between The 2 Cultures

Ariano Irpino (AV), Fondazione Biogem

Red Biotech

Meeting/debate

More info: erminia.bianchino@biogem.it, michele.farisco@biogem.it

Consistent with its mission, the Biogem Foundation organized a series of scientific dissemination events during the year. The main event is the meeting "The Two Cultures" in September. The meeting includes scientific conferences, literary and artistic events inspired by the logic of dialogue between humanists and scientists around "fundamental" subjects. Every year, internationally renowned speakers take part in the meeting. The 2018 edition hosted the President of the Italian Republic, Sergio Mattarella, at the opening session. The XI edition is scheduled from the 4th to the 8th of September, and it will be about the topic "Sapiens...and beyond". The impact that contemporary science and technology have on human identity and relations will be at the center of the debates and reflections that will animate the five days of the meeting. Among the distinguished Italian and foreign guests we outline in particular the presence of the Nobel Prize for Medicine in 2001, prof. Timothy Hunt.

Organiser: Biogem Scarl

23/09

Research and innovation for the development of sustainable biomaterials

Napoli, Università degli Studi di Napoli "Parthenope", Via Acton 39, Aula Magna

White Biotech

Meeting/debate

More info: luce.s@libero.it, marcomatarese69@gmail.com,
vicesindaco@comune.napoli.it

The event will be attended by young students from Metropolitan City of Naples. The goal is to raise awareness of young generations on environmental protection and the necessary and immediate resolution.

Organiser: Comune di Napoli – Ufficio del Vicesindaco

Empowerment and patient education in the transition to advanced therapies

Napoli, Azienda Ospedaliera di Rilievo Nazionale "Antonio Cardarelli" - Aula Mediterraneo, Via Sergio Pansini - Ingresso V6 - Padiglione H

Red Biotech

Meeting/debate

More info: nbertelli@bluebirdbio.com, vmanduchi@apcoworldwide.com,
mlusi@apcoworldwide.com

The event, organized by bluebird bio in collaboration with the Fondazione "Leonardo Giambrone" per la Guarigione dalla Talassemia, Associazione Italiana Adrenoleucodistrofia ONLUS and Associazione Italiana Sostegno Malattie Metaboliche Ereditarie Aps represents an opportunity to explore the main issues related to Advanced Therapies as well as the educational pathway and empowerment of patients in the transition towards these new therapies. The meeting is open to institutions, patient communities, the clinical and scientific world, citizens and the media.

Organiser: Bluebird Bio

24/09

Biobanks: health resources

IRCCS SDN, via Emanuele Gianturco n°113, 80143 - Napoli

Red Biotech

Labs/training

More info: pmirabelli@sdn-napoli.it

The day will be aimed at raising awareness of the importance of biobanks for public health. During the meeting, representatives from the world of research will interact with citizens and students, illustrating how biobanks play a key role in medical-health research projects aimed at improving medical/scientific for the well-being of all.

Organiser: BBMRI.it

25/09

Visit/meeting with the IGB biobanks

Institute of Genetics and Biophysics "Adriano Buzzati-Traverso", IGB-CNR Group
Leader Human Molecular Genetic lab, Via P. Castellino, 111, 80131 Napoli

Red Biotech

Open doors

More info: ursini@igb.cnr.it

Meeting with patients, clinicians, students, ordinary citizens with the biobanks of the IGB.
Visit to the laboratories and the biobank. How the sample is collected and stored. Because the
biobank is important.

Organiser: *BBMRI.it, IGB-CNR*

From 23/09 to 26/09

Discovery Lab 2.0 VI Edition

Napoli, CNR Edificio biotecnologie, Via Tommaso de Amicis 95

Red Biotech

Meeting/debate

More info: a.kisslinger@ieos.cnr.it, antonella.zannetti@ibb.cnr.it,
barbara.salvatore@ibb.cnr.it

Discovery Lab 2.0 is an initiative to promote the dissemination of scientific knowledge and
bring students closer to scientific research. The program includes interesting seminars on
results and the most advanced technologies in biomedical research.

Organiser: *Istituto per l'Endocrinologia ed Oncologia Sperimentale "G. Salvatore" e Istituto di
Biostrutture e Bioimmagini (IBB e IEOS)*

From 23/09 to 27/09

European Biotech Week: save a life!

Napoli, Città della Scienza, Museo Corporea

Red Biotech

Meeting/debate, Labs/training, Play Decide

More info: maglio@cittadellascienza.it, animazione@cittadellascienza.it,
uocomunicazione@cittadellascienza.it

Learning activity “Salvo e Gaia” each student can product a small gadget human body organ’s shape

Discussing game card: transplantations – scientific discussing game about the theme of Transplantations

Toys repair – “reuse and recycling” workshop thinking about the importance of donating organs to give a new life dei giochi

1:9 – point for the collection of adhesions to organ donation

Life colours – colours, brushes and shapes to understand how a simple signature can make joyful again, a life otherwise destined to be “colourless”.

Organiser: Fondazione IDIS – Città della Scienza

24/09 & 26/09

RicerchiAMO: science in action – IV edition

Napoli, CNR-Area della Ricerca Napoli 1, Via P. Castellino 111, Sala Conferenze

Red Biotech, Green Biotech, White Biotech

Meeting/debate, Open doors

More info: filomenaanna.digilio@cnr.it, giovanni.delmonaco@ibbr.cnr.it

Biotechnologies offer means to respond to the challenges of the future in many different fields ranging from environmental protection to human health. To describe the contribution of work in our laboratories to the advancement of biotechnologies, we can paraphrase the famous sentence of Neil Armstrong: one small step for a laboratory, one giant progress for mankind. The CNR researchers of both the Institute of Research on Terrestrial Ecosystems and the Institute of Biosciences and BioResources will introduce students and teachers to the fascinating world of biotechnology; through interactive seminars they will share their international experiences, creating curiosity and spreading scientific knowledge.

Organiser: Istituto di Ricerca su Ecosistemi Terrestri (IRET) SS Napoli, Istituto di Bioscienze e BioRisorse SS Napoli (IBBR)

27/09

Biotechnology for food science

Avellino, CNR-ISA, via Roma 64

Red Biotech

Labs/training

More info: angelo.facchiano@isa.cnr.it

The planned activity consists of visit of students with teachers to the CNR-ISA laboratories, to demonstrate how biotechnologies are applied in agri-food and health research, that is the focus of the institute hosting the activity. The visit will be organized by alternating conference room presentations and practical examples in laboratories. The meeting will make it possible to plan further activities with the teachers.

Organiser: CNR-ISA Consiglio Nazionale delle Ricerche, Istituto di Scienze dell'Alimentazione

Biotech, what a passion!

Napoli, CNR Area della Ricerca Napoli 1, Via Pietro Castellino 111, 80131, Aula Conferenze

Red Biotech

Laboratorio/formazione, Open doors

More info: g.catara@ibp.cnr.it, g.ruggiero@ibp.cnr.it

The event, held at Institute of Protein Biochemistry (IBP) of CNR in Naples, aims at improving the understanding of Biotechnologies, with particular regard to those dedicated to human health.

Several workstations will be organised and equipped as mini-laboratories, where 1st and 2nd grade students will have the possibility of performing experiments following a "Hands On" approach. Students will also attend short interactive seminars and discussions on specific biotechnological approaches. The aim is that of facilitating the understanding the present success and the future perspectives offered by biotechnologies in protecting and improving human health to the benefit of individuals and of the community.

Organiser: Associazione Culturale DiSciMuS RFC e Città della Scienza Napoli Consiglio Nazionale delle Ricerche -ISTITUTO DI BIOCHIMICA DELLE PROTEINE (IBP), Napoli

28/09

Biotechnology, antibiotics and antibiotic resistance: what do citizens know and what do they think? Interactive workshop on citizens' knowledge and beliefs

Sala comunale Villa Fernandez - Portici (Na)

Red Biotech

Labs/training

More info: sdaniela2000@yahoo.com

Innovative products have allowed to millions of patients to improve their quality of life, reducing by 20% the mortality rate for oncological diseases from the 80s to the present. Rheumatology, oncology, rare diseases, are the areas that have benefited most from biotech revolution. In addition, biological products represent a new chance to fight the antibiotic resistance; recently, in fact the Italian Drug Agency (AIFA) approved a monoclonal antibody for the treatment of Clostridium Difficile's infection. Other monoclonal antibodies are under investigation; they are promising products, but unfortunately, they have extremely high costs. Antibiotic resistance in Europe is still increasing, and according to the World Health Organization, about 33,000 people die each year in Europe due to antibiotic-resistant bacteria. Many antibiotics are likely to become less and less effective in treating infections due to inappropriate citizens/patients and health professionals' behaviour by. The lab is devoted to citizens/students of the municipality of Portici (Naples) and consists of a theoretical part delivered by pharmacists working in the National Health System and pharmacists working in the research field that will provide participants with basic information for a correct approach to drug- therapy. During the practical part, participants will be invited to write about their attitude for and the relationship with antibiotics in the frame of the Narrative Medicine. Besides the "narratives", we will collect a quantitative questionnaire in order to have a picture including quantitative data and personal experiences.. The data will be subject to analysis for future concrete actions towards citizenship.

Organiser: Il Faro d'Ippocrate e Dipartimento di Farmacia, Università Federico II, Napoli – AORN "A. Cardarelli", Napoli – Comune di Portici (NA)

28/09 & 29/09

HoMo FaBer - Modelling Drugs at Molecular Target

Open Lab - Città della Scienza – Napoli

Red Biotech

Meeting/debate, Open doors

More info: zambrano@unina.it , animazione@cittadellascienza.it

Students and scientists will present interactive experiments, based on both "Wet" and "Dry" Biology, and 3D models of protein structures, to allow visitors to experience the current molecular targets and the mechanisms of the most innovative anti-cancer therapeutics.

Organiser: Associazione Culturale DiSciMuS RFC e Città della Scienza Napoli

Emilia-Romagna

23/09

Biobanks in the era of personalized medicine: current scenario and future perspectives

Meldola (FC), Via Piero Maroncelli, 40 Sala Tison

Red Biotech

Labs/training, Meeting/debate, Open doors

More info: valentina.ancarani@irst.emr.it, francesco.mazza@irst.emr.it

CRB IRST organises a conference on main news about Quality (ISO 20387:2018) and data protection

Organiser: IRST IRCSS Centro Risorse Biologiche CRB

The use of biotechnology in animal and human reproduction

Bologna, Aula Lanfranchi, Dipartimento di Scienze Mediche Veterinarie, via Tolara di Sopra, 50, Ozzano Emilia

Red Biotech

Meeting/debate

More info: b.brunetti@unibo.it

Topics related to reproductive biotechnologies will be discussed, in particular the use of mesenchymal stem cells in the reproductive field, cryopreservation of human ovarian tissue and the use of natural antioxidants during gamete manipulation and in vitro culture.

Organiser: Corso di Laurea Magistrale di Biotecnologie Animali, Università di Bologna

From 23/09 to 27/09

Leonardo da Vinci's modernity

Bologna, Fondazione Golinelli, via Paolo Nanni Costa, 14

Red Biotech

Labs/training

More info: r.spagnuolo@fondazionegolinelli.it, l.tarantino@fondazionegolinelli.it

On the occasion of the 500th anniversary of Leonardo's death, a week of activities to reflect on the contribution that this great scientist and artist gave to the understanding of anatomy and art.

Students can experience some of the original ideas and techniques studied by Leonardo da Vinci and reflect on the genius from Vinci, precursor of many scientific and cultural achievements.

Several workshops will be offered for the occasion:

- Innovation by Leonardo (For primary schools) – 2-hour duration
- 3D anatomy (for first level secondary schools) – 2-hour duration
- The Vitruvian skeleton (for second-level secondary schools) – 3-hour duration

Organiser: Fondazione Golinelli

25/09

Mini course launch “Understanding and Communicating rare diseases”

Dipartimento Scienze della Vita, Via Campi, Modena

Red Biotech

Labs/training

More info: serena.bellaluna@sanofi.com, filippo.cipriani@sanofi.com,
alice.manfredini@sanofi.com

Launch of the mini course, with presentation of the individual modules by the mentors who will come from the World of Patient Associations, Communication and Medical Management. The course will consist of 4 to 6 modules, at the end of which– after completing and passing a questionnaire – 1 CFU will be issued.

Organiser: Sanofi Genzyme

25/09 & 26/09

Open day CRB

Meldola (FC), Via Piero Maroncelli, 40 Sala Tison

Red Biotech

Labs/training, Meeting/debate, Open doors

More info: valentina.ancarani@irst.emr.it, francesco.mazza@irst.emr.it

Open day for the students of secondary school with frontal lessons, practical workshop and visit of the facility

Organiser: IRST IRCSS Centro Risorse Biologiche CRB

26/09

Animal experimentation: a debate

Bologna - Aula Multifunzione, plesso didattico Navile (Università di Bologna) Via della Beverara 123

Red Biotech

Play Decide

More info: monica.forni@unibo.it

The ability to rationally and constructively tackle issues that are both delicate and strongly influential is essential in the Era of Communication. For this very reason, Biotechnology students of the University of Bologna are kindly invited to take part in the Play Decide on the topic of Animal Testing. The debate-role playing game aims to promote dialogue towards an issue which is as delicate as it is crucial to the academic experience of the students, and for the progress of medical research. Together the students will have to discuss the facts and issues regarding this topic, attempting to understand contrasting opinions and finally find a common ground on how they would regulate animal testing.

The Play Decide is made up of three main parts: the choosing of the cards, the actual debate, and the writing of the regulation. At the end of the game each group will expose their own regulation to the others.

Two sessions of the game will take place, to allow all students to take part.

9 a.m. – 12 a.m.: 1st Session

2 p.m. – 5 p.m.: 2nd Session

Organiser: Università di Bologna e Minerva Associazione di Divulgazione Scientifica, ANBI - Associazione Nazionale Biotecnologi Italiani

27/09

Students in a company

Sanofi Genzyme, Strada Scaglia Est, 136, Modena

Red Biotech

Open doors

More info: serena.bellaluna@sanofi.com, filippo.cipriani@sanofi.com, alice.manfredini@sanofi.com

A delegation of about 30 students of the last year or interns will be invited to the Genzyme Sanofi offices. However, a streaming connection will be activated for those who cannot physically be in the company. The objective of the day will be not only to present to students/residents of the company, but above all to make understand that the work of the biotechnologist is not only in a laboratory, But it is also a key figure for a pharmaceutical industry.

Organiser: Sanofi Genzyme

Lazio

24/09

Walking in your genome

Roma, Edificio Clinica Ortopedica (CU016), aula A "Carlo Marino Zuco", Università La Sapienza, P.le Aldo Moro 5

Red Biotech

Labs/training

More info: teresa.colombo@cnr.it

A day of exploration of our genome, dedicated to students, families, journalists and institutions. The aim of the day is to promote knowledge and respond to curiosity around themes that increasingly appear in the media and affect our lives. We will tell the basic stages of knowledge of the human genome and how this conquest has changed the face of bio-researchmedical, the vision we have of the organization of our genome and the understanding of the underlying mechanisms of many diseases. From words to deeds: we will make a virtual tour of the human genome using a sort of genomic Google Maps.

In our virtual tour we will privilegergeni "chats" brought out by research laboratories from informative articles and news media. We will not fail to shine a light on the "dark side of the genome", telling of the recent discovery of several thousands of new genes that do not codify for proteins but fundamental for the functioning of our cells. All in a simple language for non-experts. Finally, between a presentation and a stop on our tour, participants can take part in a real DNA extraction.

Organiser: Istituto di Biologia e Patologia molecolari (IBPM) del CNR

The microbiome at the heart of sustainable food production

Roma - Sede ENEA - Salone Centrale

Green biotech

Meeting/debate

Maggiori informazioni: annamaria.bevivino@enea.it, ombretta.presenti@enea.it

As the world population is continuously increasing, the supply of food with equal accessibility is the major issue and challenge for the future. Microbes are still unexploited tools to increase food productivity, quality and safety. To this aim, efforts are currently being made to identify innovative solutions derived from microbiomes to increase competitiveness and sustainability of food systems, creating products closer to the consumers' needs.

Organiser: ENEA - Divisione Biotecnologie e Agroindustria

26/09

WE ARE ALL LIKE THIS: DNA UNITES US

Roma, Area di Ricerca Roma2 Tor Vergata, Istituto di Farmacologia Traslazionale, via Fosso del Cavaliere 100

Consiglio Nazionale delle Ricerche (CNR), via del Fosso del Cavaliere, 100

Red Biotech

Labs/training

More info: sandra.iurescia@ift.cnr.it, daniela.fioretti@ift.cnr.it

The Institute of Translational Pharmacology (IFT) adheres with the event “WE ARE ALL MADE SO: DNA US UNISCE” to the seventh edition of the European biotech Week (EBW) a week of events and events throughout Europe to promote the dissemination of scientific knowledge, research and celebrating biotechnology, an innovative sector born from the discovery of the DNA molecule in 1953. The scientific dissemination initiative is promoted by assobiotec (National Association for the Development of Biotechnology) and EuropaBio (European Association of Biotechnology). IFT organises a scientific-educational laboratory to tell primary and secondary school students how DNA is made and what factors determine the difference or similarity between individuals. A short experience in the laboratory where the young students can touch the DNA with their hands: the participants will be accompanied in an educational path where they will experiment how to extract the DNA from the fruit and see it appear in the test tubes.

Organized by the IFT– ARTOV Scientific Education and Dissemination Working Party.

Organiser: Istituto di Farmacologia Traslazionale (IFT)

Biotechnology for sustainable agriculture: really knowing them to communicate them better

ROMA, CREA Alimenti e Nutrizione, via Ardeatina 546, Sala Santorio

Green Biotech

Labs/training

More info: giorgio.morelli@crea.gov.it; teodoro.cardi@crea.gov.it;
mariafrancesca.cardone@crea.gov.it; luigi.cattivelli@crea.gov.it;
elisabetta.lupotto@crea.gov.it, stampa@crea.gov.it

A theoretical and practical day on biotechnology applied to agriculture, especially for journalists (with educational credits recognized by the Order). The objective is to convey to operators a real knowledge, beyond the clichés, so that they are able to inform correctly an increasingly confused, disoriented and distrustful audience in this field. To the classic presentations on agricultural biotechnology and its perception by the public, will follow a short experience in the laboratory to touch the DNA of plants and to find out how it is possible to study and correct it in a simple and safe way. The event is organised as part of the activities of the Sustainable Biotechnology in Agriculture (BIOTECH) project funded by MIPAAFT.

Organiser: Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (CREA)

Presentation of the managing activities of a Biobank

Luogo: Roma, Università degli Studi di Tor Vergata, Edificio H piano -1, Via Montpellier, 1

Red Biotech

Open doors

More info: francesca.agostini@cryolab.solgroup.com

Presentation of the management activities of a biobank with particular reference to the topics: operator safety, safe biological samples, recording and distribution of biological samples

Organiser: Cryolab, BBMRI.it

Open day SNE Center

Roma

Red Biotech

Open doors

More info: presidente@uniamo.org, comunicazione@uniamo.org

A half-day of information about the Extended Newborn Screening: an introduction to it followed by a visit to an ENS Center.

Organiser: UNIAMO FEDERAZIONE ITALIANA MALATTIE RARE, AISMME ap

27/09

A better World comes from the space

Roma

Red Biotech, Green Biotech, White Biotech

Meeting/debate, Labs/training

More info: vlaregina@nanoracks.it

The event offer a comprehensive overview about the benefits of Space environment for performing interdisciplinary research for the advancement of bio-technologies with industrial applications in fields of life sciences, pharmaceuticals, and nutrition.

Organiser: NanoRacks – Space Outpost Europe srl, Ixtal SRL, Università Sapienza

Biotechnologies and correct lifestyles for the protection of the fragility of young people and the territory

Tuscania (VT)

Red Biotech, Green Biotech

Meeting/debate, Labs/training, art/show

More info: e.sturchio@inail.it, a.nebbioso@inail.it

We propose a one-day public event in the town of Tuscania (Viterbo - Italy) to introduce to common people the world of Biotech, a fairly complex topic, which we intend to address with a simple and direct language in order to involve mostly a non- specialized audience

The issues that will be addressed, in an extemporaneous scientific/literary salon, will mainly concern: the Epigenetic and Correct Lifestyles, the New Techniques, the Safety in Biotechnological Laboratories and the Safety in Agrifood. Our new so called “SPAIC educational model” will also be presented, it has been studied and experimented through the activities carried out in collaboration with the Schools, Institutions and other Organizations that will be invited to participate to the event of 27 September in Tuscania.

The course of the day is expected to be realized “in stages”: an informal workshop in a house “salon”, a multimedial session in a dedicated room and a motivational coaching show in the garden. Experiential workshops will be realized in order to capture the attention of visitors of all ages, and raise awareness among guys and the whole population, on the importance of adopting correct behaviors and lifestyles by promoting awareness of their choices.

Over the years, innovative methodologies have been used by Inail researchers to convey prevention messages, in a clearer and more exemplary way for users, who will be available and accessible during the event.

Furthermore, the experience carried out in collaboration with Schools (Higher Education Institutes) has shown how the training methodologies are more effective when coupled with motivational drive, obtainable through a correct action of the final user involvement: the so-called “gentle push”.

The overall methodology that we have experimented - and called by us “SPAIC Model” - allows us to act on the attitude of individuals, pushing them to take actions aimed at the best possible results of prevention: it will be also presented and applied during the one-day event of public scientific dissemination, in the activities that will take place outdoors in the garden space.

Organiser: NanoRacks – Space Outpost Europe srl, Ixtal SRL, Università Sapienza

Liguria

26/09

Open doors in the ligurian biobanks

A.Li.Sa. Azienda Ligure Sanitaria della Regione Liguria - Palazzo della Regione - Sala Piano Ammezzato Piazza della Vittoria, 15 Genova

Red Biotech

Open doors

More info: barbara.parodi@hsanmartino.it

The four Ligurian biobanks will participate:

- three biobanks of Istituto G. Gaslini: biobank of cell lines and DNA from patients with genetic diseases (IGG-GB), integrated biobank Genomic tissue (BIT) and the Biobank of the Laboratory of Human Genetics,
- the Biological Resources Centre of IRCCS Hospital Policlinico San Martino (CRB-HSM).

The tools produced during EBW 2017 and EBW 2018 will be used: card game and illustrative posters. The sample path from collection to storage and distribution will be followed.

Organiser: BBMRI.it

Lombardia

23/09

TT2 Value – Trasferimento tecnologico nelle scienze della vita

Bresso (MI), Openzone Via Meucci, 3

Red Biotech

Meeting/debate

More info: eventi@openzone.it

Lombardy is the first region in Italy for the number of biotech companies (181, about 28% of the total), with an ever greater impact on the total biotech turnover (over 5.5 billion euro, 48% of the total) and for R&D investments. Here are concentrated cutting-edge public and private research centers, which make it unique in the national panorama, and new strategic developments (Human technopole, City of Health, OpenZone) that in the next years will characterize even more the territory. Industrial excellence and the ability to attract foreign investment complete a promising picture.

So what is needed to make the big jump and play the game with the global biotech hubs, creating a flying effect for the country?

Starting from the quality of Lombardy research and the need to make the best use of its results, The event aims to reflect on new ways to attract more risk capital and experimental measures to be launched to achieve ambitious goals internationally.

Organiser: OPENZONE, Italian angels for biotech

Biotech Research

VARESE, Campus Bizzozzero, Università dell'Insubria

Red Biotech, Green Biotech, White Biotech

Meeting/debate, Open doors

More info: elena.bossi@uninsubria.it, gianluca.molla@uninsubria.it,
candida.vannini@uninsubria.it

At the beginning of the first year courses of the Biotechnology Diploma, speakers from the academia and from industry will introduce the students to the fascinating world of research, reporting their activity in the different fields (white, green and red biotechnology). In the afternoon a guided tour to research laboratories of the Biotechnology and Life Science Department of University of Insubria will be also possible for students.

Organiser: Dipartimento di Biotecnologie e Scienze della Vita –Università dell'Insubria

MolMed laboratories: Open doors

Bresso (MI), via Meucci, 2 20091

Red Biotech

Open doors

More info: Ilaria.candotti@molmed.com

Guided tour of the new GMP facility labs, quality control and development labs

Organiser: MolMed SpA

24/09

Stories from the (better) future

Milano, Talent Garden Calabiana, Via Calabiana 6

Red Biotech, Green Biotech, White Biotech

Meeting/debate, Labs/training

More info: e.molteni@federchimica.it, assobiotec@federchimica.it

The aim is to tell and inspire the vision of a better future guided by the potential and progress in the field of biotechnology and science, involving a wide and diversified audience throughout the day, with special attention to schools and students.

During the day there will be a succession of testimonials who on stage will tell their story and their personal vision of a positive future, made possible thanks to biotechnology and scientific development. Word to young researchers and scientists, to stories of happy ending patients, to life experiences in biotechnological enterprises, to known faces who will share their vision of the future, to the stories of some young authors of the NABA creative writing course.

During the event will also be presented the data of the Social Observatory on the perception of biotechnology in Italy.

Next to the moments of talk, an exhibition-workshop space to see, try, touch with hand, experience directly what are biotechnologies, what are the advantages and opportunities at stake, how they can project us into the future.

Organiser: Assobiotec-Federchimica

Health and sustainability: biotechnologies and biotechnologists

Milano, Università degli Studi di Milano - Bicocca, Edificio U6, Piazza dell'Ateneo Nuovo 1, Aula Magna

Red Biotech, Green Biotech, White Biotech

Meeting/debate

More info: laura.cipolla@unimib.it, ederle@biotecnologi.org

During recent years, biotechnologies are experimenting an enormous development, opening up several opportunities for innovative therapies, sustainable productions and raw resources uses within a bioeconomy approach, reducing fossil sources dependence. The event will outline the perspectives offered by biotechnologies for therapy with biotherapeutics, raw materials and agriculture feedstock uses for the production of food additives, cosmetics, and drugs. Jobs opportunities offered by biotechnologies will be also highlighted. During the event, the award ceremony of the contest "Biotechnologists ... at work! will take place (<http://www.biotecnologi.org/al-via-il-concorso-biotecnologi-al-lavoro/>).

Organiser: Università degli Studi di Milano - Bicocca, Dipartimento di Biotecnologie e Bioscienze, BioPharma Network, Associazione Nazionale Biotecnologi Italiani (ANBI)

25/09 & 26/09

Scientists on a trial

Pavia, Laboratori Didattici di Biologia Sperimentale, Dipartimento di Biologia e Biotecnologie, Università di Pavia, via Ferrata 9

Red Biotech, Green Biotech, White Biotech

Labs/training

More info: cinzia.calvio@unipv.it

Hands-on laboratory and dialogues on biotechnological researches and their impact on society and everyday life. Participants will be able to experience two hours of real laboratory life by performing experiments derived from projects ongoing at the Department of Biology and Biotechnology dealing with: microbial, plant and molecular biotechnologies. Other ongoing projects will also be presented, and it will be possible to interact and discuss directly with the scientists involved.

Organiser: Dipartimento di Biologia e Biotecnologie dell'Università degli Studi di Pavia

25/09

Technology Forum Life Sciences 2019

Milano, regione Lombardia – Sala Biagi

Red Biotech, White Biotech

Meeting/debate, Play Decide

More info: paola.pedretti@ambrosetti.eu, vera.scuderi@ambrosetti.eu,
valeria.longo@ambrosetti.eu

The Community Life Sciences of The European House – ambrosetti was born in 2015 with the mission of “to make Italy the country we want for the bio-pharmaceutical of the future: an important player in research, development, production and access of innovative and biotechnological products.

2019 goals are:

- Consolidate the Technology Forum Life Sciences event as a reference appointment and engagement of the business community, policy makers and other relevant stakeholders of the ecosystem of innovation and research in Italy
- Involve stakeholders and reference policymakers actively and network with other international territories and realities
- Involving young Italian researchers and inviting them to make a concrete contribution to the debate
- Present the main results of the pathway and the action plan for the growth of the sector

Organiser: The European House - Ambrosetti

Cryopreservation Services & Research Network Management + Project regional biobank

Via Olgettina, 60 | c/o DIBIT 2 | Palazzina San Michele 1 | 20132 Milano

Red Biotech

Open doors

More info: s.agrati@biorep.it

Presentation of the company identifying as biorep Srl can be of great help to the community of researchers of public and private institutions, Foundations, Pharma and biotech Company, in setting up and managing research projects and collection of biological material, including on a global scale, in quality and in a highly standardised way.

Organiser: Casa di Cura Privata del Policlinico (CCPP), Bbmri.it

Biobanks at the service of Scientific Research and Personalized Medicine

Milano, Casa di Cura Privata del Policlinico, Milano, Via Dezza 48, 20144, Auditorium IV piano.

Red Biotech

Open doors

More info: m.filareti@ccppdezza.it, p.cappelletti@ccppdezza.it

The event to be held at Casa di Cura del Policlinico, “ Biobanks for Scientific Research and Personalized Medicine “ ,address to patients with neurological diseases and their caregiver, which will promote the Scientific research and innovation, showing clinical and scientific-technological aspects. Moreover, will be presented the activities regarding to our Biobank, CCPP Biobank, and Laboratory of Neurobiology for Translational Medicine.
<http://www.ccppdezza.it/en/research-area/laboratory-of-neurobiology-for-translational-medicine/>.

Organiser: Casa di Cura Privata del Policlinico (CCPP)

Biobanks at the service of Scientific Research and Personalized Medicine

Pavia, Collegio S.Caterina-Residenza Biomedica

Red Biotech

Meeting/debate

More info: massimo.vergnano@argonnetwork.com

On the eve of the 1920s, the digital transformation of research and health processes entered a phase of rapid evolution. The biotechnological drug enters a new therapeutic ecosystem, in which it coexists with the drug of the previous generations, with the digital therapy and with the digital solutions of support to the patient.

The meeting involves the participation of patients, health professionals, pharmacologists, therapy experts and digital solutions to take stock of the progress of this path and to provide indications and recommendations for the next path.

Organiser: MavericksConsulting, Argon Global Healthcare e Fondazione Smith Kline

26/09

Women in the biotech of Health: a long way through Science, Clinics, Entrepreneurship, and Market

Università di Milano Aula C03 Settore didattico Via L. Mangiagalli 25 –Milano

9.30-13.00

Red Biotech

Meeting/debate

More info: mlnolli@ncnbio.it, paola.minghetti@unimi.it

We are living a very exciting and innovative momentum in medicine. Biotechnology with the new drugs based on macromolecules and cells is responding to the need of curing of pathologies not solved with traditional drugs. Women are the undisputed protagonists of this breakthrough innovation, with a multidisciplinary approach, creating an extraordinary value in all sectors of the development of new drugs and technologies. The event will offer to a very broad audience, from the academia to the industry and institutions, with a special focus to young people, the point of view and experience of women contributing to this Italian excellence recognized at the international level.

Organiser: Women & Technologies, Associazione Farmaceutici Industria (AFI) e Dipartimento di Scienze Farmaceutiche e Dipartimento di Scienze Farmacologiche e Biomolecolari Università di Milano

Biotechnology at Work!

VARESE, Università dell'Insubria, Via J.H. Dunant 3, Aula Magna Granero Porati

Red Biotech, Green Biotech, White Biotech

Meeting/debate

More info: candida.vannini@uninsubria.it - elena.bossi@uninsubria.it

Speakers from the world of research, associations and industry will show examples of applied research and will present the training and professional opportunities offered by the territory in this field.

Organiser: Dipartimento di Biotecnologie e Scienze della Vita – Università dell'Insubria e Consorzio Italbiotec

Biotechnology innovation in the health sector

Milano

Red Biotech

Meeting/debate

More info: sifosede@sifo.it – segreteria@sifo.it

In 2019 SIFO will be focusing on biotechnologies promotion in one unique event in the city of Milan, aimed at promoting biotech in the pharma environment, giving full emphasis to innovation to a national level.

Organiser: SIFO – SOCIETA' ITALIANA FARMACIA OSPEDALIERA E DEI SERVIZI FARMACEUTICI ALLE AZIENDE SANITARIE

27/09

Biotechnology at Work!

Luogo: Istituto di Bioimmagini e Fisiologia Molecolare, Via F. Cervi 93, 20090 Segrate (MI)

Red Biotech, Green Biotech, White Biotech

Meeting/debate

More info: gloria.bertoli@ibfm.cnr.it, direzione@ibfm.cnr.it

The subject of the proposal is an experience for first- and second-level secondary school children to illustrate some aspects of epigenetic regulation and its potential use in clinics. In particular, a lecture ex cathedra will focus on the study of microRNAs, small sequences of non coding RNA with a great impact on the regulation of the translation of the DNA into protein. A first part of the lesson (about 30 minutes) will be dedicated to the function of microRNAs and their potential use in the clinic.

In a second part (about 30 minutes) we will deal with how some biological processes can be used to visualize the presence of pathological alterations in vivo, with particular reference to imaging techniques such as bioluminescent imaging, positron emission tomography (PET) and diffusion magnetic resonance imaging. Finally, the experience proposed involves the involvement of children in the laboratory to discover what technologies allow us to study microRNAs in vitro and in vivo.

Organiser: Istituto di Bioimmagini e Fisiologia Molecolare (IBFM) del Consiglio Nazionale delle Ricerche (CNR)

27/09 & 28/09

Researchers' night

27/09 - Biologia e Biotecnologie in un banco: Università degli studi dell'Insubria, sede di Busto Arsizio, via Manara 7;

28/09 - Biologia e Biotecnologie in Piazza: piazza San Giovanni.

Red Biotech

Labs/training, Open doors

More info: marzia.gariboldi@uninsubria.it; emanuela.marras@uninsubria.it

Within the framework of the European event Meet Me Tonight – la notte dei ricercatori, students will be driven along a path of scientific experiments carried out by the research groups working at DBSV, both at the University of via Manara 7 (Friday 27 September Morning and afternoon), and in piazza San Giovanni (Saturday afternoon).

Some example:

Journey into the fruit genome: molecular biology applied to everyday things;

MICROCOSM: What lives in water

Natural pH Indicators

Organiser: Dipartimento di Biotecnologie e Scienze della Vita – università dell'Insubria – Sede di Busto Arsizio

28/09

DNA e RNA: dalle basi alla scena del crimine e oltre...

ISTITUTO DI GENETICA MOLECOLARE IGM-CNR, VIA ABBIATEGRASSO 207, PAVIA

Red Biotech

Open doors

More info: giovanni.maga@igm.cnr.it, stefania.riboni@igm.cnr.it

The Institute of Molecular Genetics welcomes the general public on September 28th 2019, for its Open Day. Attendees will learn what new opportunities the modern Molecular Genetics techniques are offering, for a higher social wellness. A brief series of talks, will present the historical landmarks of genetic research and how they developed into the most advanced modern applications. Then, the attendees will have the opportunity to directly interact with the IGM-CNR researchers in different thematic workstations on: DNA, RNA, Protein, Cells, Bioinformatics, in order to learn how the genetic information is handled, decoded and used in a modern scientific research environment. Refreshments will follow.

Organiser: ISTITUTO DI GENETICA MOLECOLARE IGM-CNR

Molise

25/09 & 26/09

Open doors at the biobank

Pozzilli (IS), Neuromed biobanking center, parco tecnologico IRCCS Neuromed, Via dell'Elettronica, Sala riunioni biobanca e auditorium Marc Verstraete

Red Biotech

Meeting/debate, Open doors

More info: mbdonati@moli-sani.org

The proposed events will be held in the framework of European Researchers' Night initiatives at IRCCS Neuromed and will involve mainly high schools. Students will attend "open biobank" sessions, during which they will visit the Neuromed biobank and will meet researchers in an informal way.

Main topics of these meeting will be: opportunities for advancing researches in prevention and health, offered by existing or developing biobanks worldwide; technological aspects of biobank functioning; ethical issues related to sample and DNA storage in biobanks.

Organiser: Neuromed Biobanking Center, Maria Benedetta Donati, Amalia de Curtis

Piemonte

24/09

Combined green strategies for green cities: urban gardening, requalification actions and social inclusion

Torino, via G. Verdi 9, aula magna Cavallerizza Reale

Green Biotech

Workshop

More info: paola.calza@unito.it

The workshop aims to present the results obtained in some projects related to the recovery of abandoned areas and the implementation of urban gardens and involves actors from very different realities (exponents of the academic, political and environmental control agencies) in order to address the issue of sustainable development and renewal of urban areas with a multidisciplinary and intersectoral approach. The workshop is open to all interested citizens.

Organiser: Dipartimento di Chimica e di Biologia Vegetale, Università di Torino

Go Science!

COLLERETTO GIACOSA (TO) – BIOINDUSTRY PARK “SILVANO FUMERO” – VIA RIBES 5

Red Biotech

Labs/training

More info: info@iniziativakite.org

Experimental microscopy laboratory at Bioindustry Park. The optical microscope scored the most important discoveries in the scientific world. The observation of living beings through its powerful lenses allowed the description of structures, mechanisms and behaviors completely unknown and unimaginable. The theoretical and practical activities involve the use of optical and stereoscopic microscopes for guided observation of animal and plant samples, in compliance with all ethical standards. The educational path is intended as an introduction to the use of research tools normally used in a scientific laboratory, such as those used at the Bioparco.

Organiser: BIOINDUSTRY PARK “SILVANO FUMERO” E ASSOCIAZIONE KITE, VIVERE I PARCHI E RESEARCH4LIFE

The biobank of CReSM at the service of research on neurological and autoimmune diseases

AOU San Luigi Gonzaga di Orbassano, Regione Gonzole 10, 10043 Orbassano (TO)

Red Biotech

Labs/training

More info: info.cresm@sanluigi.piemonte.it

The event will take place in two main moments: seminar and guided tour of the biobank premises.

The seminar will be held by Dr. Bertolotto and the staff of the biobank of CReSM, to explain to the public (patients, professionals, citizens) the role that biobanks are currently playing in scientific research. They will also explain in detail the structure and modalities of participation in the biobank of CReSM. Finally, interested parties will have the opportunity to visit the CReSM biobank premises led by the biobank staff.

Organiser: BBMRI.it

Puglia

23/09

Biotechnology applied to plant protection

Bari - Aula XI, Plessi di Agraria, Campus universitario di Bari, Via E. Orabona, 4

Green Biotech

Meeting/debate

More info: loredana.barbarossa@ipsp.cnr.it

Some informative reports will be scheduled in order to illustrate the application of biotechnologies in research activities related to the protection of agricultural crops.

Organiser: Istituto per la Protezione Sostenibile delle Piante (IPSP) del CNR sede di Bari, Di.S.S.P.A. Università degli Studi di Bari

LieviTiamo in the research

Bari, Dipartimento di Bioscienze, Biotecnologie e Biofarmaceutica, Via E. Orabona, 4

Red Biotech

Open doors

More info: nicoletta.guaragnella@uniba.it

The event LieviTiamo nelle ricerca will consists of two lectures on the use of yeast *Saccharomyces cerevisiae* as a model organism in biomedical research and its potential applications in the environmental and health biotechnology. Thereafter the participants will have the opportunity to meet the students of Biotechnology courses. It will be also carried out a visit of the laboratories of the Department of Biosciences, Biotechnology and Biopharmaceutics of University "Aldo Moro" in Bari.

Organiser: Dipartimento di Bioscienze, Biotecnologie e Biofarmaceutica, Università degli Studi di Bari "Aldo Moro", CNR Istituto di Biomembrane, Bioenergetica e Biotecnologie Molecolari (IBIOM)

26/09

The management of the biobank of the Institute Tumors of Bari from the institutional and territorial point of view

Bari, Biobanca istituzionale Istituto Tumori Giovanni Paolo II IRCCS

Red Biotech

Open doors

More info: a.paradiso@oncologico.bari.it, biobanca@oncologico.bari.it

The event will be divided into an initial part in which the participants can view the biobank in its daily routine, with a description of the facility and its activities. This will be followed by a discussion meeting with speakers where useful information will be provided on the availability and the modalities of request of the collections that the biobank makes available for use by the scientific community.

From 10.00 to 12.00 there will be a visit to the biobank and from 12.00 to 13.00 a debate on the subject.

Organiser: Istituto Tumori Giovanni Paolo II IRCCS

LEbiotec, invitation to biotechnologic Lecce

Lecce, Dipartimento di Scienze e Tecnologie Biologiche e Ambientali (DiSTeBA), Campus ECOTEKNE, via Prov.le Lecce-Monteroni s.n., CAP 73100, Lecce; c/o complesso Aule Didattiche, Aula D12.

Red Biotech, Green Biotech, White Biotech

Meeting/debate, Workshop scientifico

More info: tiziano.verri@unisalento.it, gp.disansebastiano@unisalento.it

On Thursday September 26th an event organized as a scientific conference will take place throughout the day. Graduate students, Master students, Ph.D. students and young Doctors will present their research and career experiences. Two external speakers will complete the program. The event, open to all, will be structured and serve as to guide high school students and UniSalento

university students in their careers. On Thursday October 3rd the EBW 2019 project activities will continue with an event where UniSalento academic staff members, start-ups and biotechnology companies will present themselves. A Round Table with the biotech-oriented stakeholders will close the day activities.

Organiser: CDS in Biotecnologie, Università del Salento

28/09

The realism of 3D Printing devices: great results and future challengesBari,

Bari, Policlinico di Bari

Red Biotech

Meeting/debate

More info: chiara.lamesta@gmail.com, aldoprocacci@hotmail.it,
raffaele.petti@sifoweb.it

In a sector where innovation saves lives, 3D printing allows doctors, researchers and health professionals to work towards a more thoroughly tested and personalised care. Today, 3D printing is used in a wide variety of applications, including for the production of medical devices for example orthopedic prostheses. . The main purpose of this event is to find out how 3D printing can:

- ☐ Improve education through practical training; ☐ Support innovation in hospitals with personalised devices;
- ☐ Optimise surgical planning; ☐ Validate device performance;
- ☐ Mitigate costs;
- ☐ Allow doctors to study a series of possible clinical scenarios.

The exercises include video session, followed by practical sessions such as a quantitative questionnaire at first. Then, there will be 3D printing experts from within the medical field who will present examples of 3D printed anatomical models, device prototypes, etc. that have improved patient outcomes and confidence with these customised products. This event will end with a discussion as well as an interactive learning test.

Organiser: Chiara Lamesta SIFO - Componente AREA GIOVANI

Raffaele Petti SIFO - SIFOWEB

Cataldo Procacci SIFO - Componente AREA GIOVANI

Università degli studi di Bari

Sardegna

From 23/09 to 26/09

The world of biotechnology: a journey into biotech laboratories

Oristano – Centro Laboratori Consorzio UNO, viale Diaz 30

Red Biotech, Green Biotech, White Biotech

Labs/training, Open doors

More info: orientamento@consorziouno.it:

Several fields of our lives have been changed by Biotechnologies. Do we know all of them?

Let's discover how biotech can be used to get useful products.

During this event, biotech sectors will be unraveled, and then three laboratory experiences will lead the students from theory to practice:

☐ DNA extraction (red biotech)

☐ Yeast and fermentations (green biotech)

☐ Delactosated milk production (white biotech)

More info: www.consorziouno.it.

Organiser: Consorzio UNO di Oristano (Promozione Studi Universitari)

Sicilia

24/09

Extended newborn screening

Università degli Studi di Palermo – Aula Turchetti, Piazza delle cliniche, 2

Red Biotech

Open doors

More info: presidente@uniamo.org, comunicazione@uniamo.org

Organiser: UNIAMO FEDERAZIONE ITALIANA MALATTIE RARE, AISMME aps, Mitocon

26/09

A multidisciplinary journey into the world of biomolecules for health

Catania, Via Paolo Gaifami 9-18

Red Biotech

Meeting/debate, Labs/training, Open doors

More info: giulia.grasso@cnr.it, lilianaimmacolata.indelicato@cnr.it

An exploratory journey to approach the world of biotechnologies and their application to the chemical-biomedical research. Through a multidisciplinary journey, visitors will be introduced to the use of biotechnological approach following a path that goes from the design, expression and/or modification of a biomolecule of interest to health, to its structural and/or functional/biological characterization.

Organiser: Istituto di Cristallografia del CNR – Sede Secondaria di Catania (IC-CNR)

Biotechnology pathways on macromolecules and materials

Consiglio Nazionale delle Ricerche, Area della Ricerca di Catania, Via Gaifami 9-18, Catania

Red Biotech

Meeting/debate, Labs/training, Open doors

More info: domenico.garozzo@cnr.it, sandro.dattilo@cnr.it

Protein identification: Proteomics and Post-genomic sciences. Visitors will see proteins and glycoproteins identification by mass spectrometry.

Synthesis and Application of natural and synthetic polymers in everyday use, visitors will be able to see the synthesis of polymeric materials of common use, to be able to observe the evolution of the design and 3D printing of materials to obtain artifacts for a specific use including syringes for intradermal infusion without a needle will be demonstrated.

Organiser: CNR Istituto per i Polimeri, Compositi e Biomateriali (IPCB)

From research to biotechnological innovation: projects and ideas in Green Chemistry

Catania, Via Paolo Gaifami 9-18

White Biotech

Meeting/debate, Labs/training, Open doors

More info: raffaele.morrone@cnr.it

The activities that will be carried out are part of the research topics developed in the Institute and will concern:

Molecular interactions: it will be shown how a molecule, for example an active principle, can interact in the presence of different suitable molecules. In the context of the industrial biotechnologies (white biotechnologies), experiments of enzymatic activity will take place.

Natural substances: isolation procedures and characterization of valuable natural substances in pharmaceutical, biomedical, food fields will be shown.

The laboratory demonstrations will be preceded by short talks necessary for a better understanding.

Organiser: Istituto di Chimica biomolecolare del CNR – Sede Secondaria di Catania CNR-ICB

From research to biotechnological innovation: projects and ideas in Medicine

Catania, Consiglio Nazionale delle Ricerche, Area della Ricerca di Catania, via Paolo Gaifami n. 9-18

Red Biotech

Meeting/debate, Labs/training, Open doors

More info: maria.guarnaccia@cnr.it, cristina.cali@cnr.it

On the occasion of the European biotech Week 2019, the Institute for Biomedical Research and Innovation (IRIB) opens its own facilities and reports on its research activities. Through a guided tour inside the laboratories of the institute, students will have the opportunity to see closely the places where scientific studies and projects are carried out.

The visits will last 30 min and will involve the two main laboratories of “Cell cultures and microscopy” and “genomics and biotechnology”. Within the two workshops the visitors will be divided into groups of 25 people in order to allow a better enjoyment and participation in the planned activities.

Organiser: CNR Istituto di Scienze Neurologiche (ISN)

From research to biotechnological innovation: projects and ideas in the agri-food sector

Catania, Consiglio Nazionale delle Ricerche, Area della Ricerca di Catania, via Paolo Gaifami n. 9-18

Green Biotech

Meeting/debate, Labs/training, Open doors

More info: valeria.cavallaro@cnr.it; alessandra.pellegrino@cnr.it; irene.longo@cnr.it

The event will simultaneously involve all the Institutes of the National Research Council (CNR) located in Via Gaifami, 18 (Catania) and will be organised to ensure the orderly conduction of all the planned initiatives. IVALSA researchers, in particular, plan to carry out guided visits to their in vitro culture laboratory where, innovative protocols to quickly restore and propagate agronomic interesting plant species are developed, but also the effects of the different components of the light spectrum on the plant growth are studied. The techniques useful for quantifying these effects will also be shown (gas exchange, spectroscopy and reflection of light by plants)

Organiser: CNR Istituto per la valorizzazione del legno e delle specie arboree (IVALSA)

Open doors to neurosciences

Catania, Consiglio Nazionale delle Ricerche, Area della Ricerca di Catania, via Paolo Gaifami n. 9-18

Red Biotech

Labs/training, Open doors

More info: cristina.cali@cnr.it

The CNR-ISN will open its laboratories to familiarize students with the Neuroscience field and represent new frontiers in molecular biology, neurobiology, microscopy, biochemistry, and genomics. The initiative will offer the opportunity to explain the role played by research and biotechnology in healthcare. The participants will be shepherd through the laboratories where a brief presentation of research lines and main techniques used will be performed. The participants will have the opportunity to carry out basic practical experiments.

Organiser: CNR-ISN sede di Catania

Toscana

23/09

NMR for biobanks: from development of standards to quality control, generation of high-value metadata and support to epidemiological studies and clinical trials

Università di Firenze – Piazza San Marco, 4 - Firenze

Red Biotech

Workshop

More info: turano@cerm.unifi.it

To strengthen the relationships between the metabolomic community and that of the biobanks outlining the possibilities for a future common growth. Samples stored at biobanks are an invaluable source of information for metabolomics, but unsuitable pre-analytic procedures may have detrimental effects on accuracy, robustness and reproducibility of the analyses. On the other hand, metabolomics can be a sensitive tool for evaluating the quality of samples in biobanks.

Organiser: *Bbmri.it, Università di Firenze*

24/09

From antibiotics to vaccines: a journey into research

Siena, strada del Petriccio e Belriguardo, 35 c/o Toscana Life Sciences, sala Auditorium

Red Biotech

Meeting/debate

More info: l.sensini@toscanalifesciences.org, i.niccolini@toscanalifesciences.org

Antimicrobial resistance (AMR) represents one of the biggest challenges of our times that cannot be deferred any longer. The World Health Organization estimates that AMR will be the main cause of death by 2050. This event, dedicated to high-school student and organized by TLS Foundation, will illustrate what AMR is and present possible solutions currently investigated by scientists. Among those, the development of new vaccines, based on high-throughput and state-of-the-art technologies, within the project entitled vAMRes, funded by the European Commission. The project, led by Dr. Rino Rappuoli, a pioneer in the vaccine field, obtained an European Research Council (ERC) Advanced Grant and will be realized in cooperation with TLS Foundation as the “host institution”.

Organiser: *Toscana Life Sciences, European Research Council*

26/09

Biotechnologists for a day

Polo Scientifico di Sesto Fiorentino (Fi), Università degli Studi di Firenze

White Biotech

Open doors

More info: paola.turano@unifi.it, andrea.trabocchi@unifi.it, francesca.cantini@unifi.it

The Scientific Campus of the University of Florence opens the doors to reveal the various shades of the Biotech world: proteins, drugs, nanoparticles and more... During the day, the students will be guided through different labs, experiencing the biotech research reality, and will meet professors and young researchers, asking questions about opportunities and difficulties of studying biotechnology.

Organiser: Corso di Laurea Magistrale in Biotecnologie Molecolari – Università degli Studi di Firenze

Open doors at da Vinci European BioBank (daVEB)

daVEB, Polo Scientifico di Sesto Fiorentino - Via L. Guerri, Edificio LAP e RISE A- 50019, Sesto Fiorentino (FI)

Red Biotech

Open doors

More info: daveb@csavri.unifi.it

Guided visits and interactive workshops aimed at patients and students to understand the value of samples of human origin in the biomedical field, the significance of cryopreservation and the importance of clinical data associated with samples for research activities.

Organiser: BBMRI.it

27/09

Open doors at the biobank

Siena, laboratorio di Genetica Medica, Policlinico S Maria alle Scotte, Viale Bracci 1

Red Biotech

Open doors

More info: biobancasiena@gmail.com

Laboratories that host the Biobank with an description of the steps involving the biological sample from arrival to inclusion in the Biobank. Description of the typology of stored samples, with particular attention to the "iPSC Biobank" and their importance for research.

Organiser: Genetic Biobank of Siena, Università di Siena

Umbria

25/07

TRANSLATIONAL RESEARCH AS A RIGHT OF HEALTH:

extended neonatal screening vector of virtuous interaction between research and care

Perugia, Villa Umbra

Red Biotech

Play Decide

More info: presidente@uniamo.org, comunicazione@uniamo.org

The 2 events of public debate playdecide for the European biotech Week 2019, proposed by Uniamo F.I.M.R. in close partnership with assobiotec and the Rare Disease Coordination of the Umbria Region and the Abruzzo Region, will then be an opportunity for meaningful discussion in such a decisive passage, and not only for the community of the rare sick. The debate events will take place on September 25 in Perugia and September 26 in Pescara: comparison and discussion, facilitated by the kit-playdecide "neonatal screening" recently updated, will be shared premise at the in-depth seminars.

In Perugia, strong from the far-sighted choice of Umbria to offer even before Law 167/2016 to all unborn children the test of SNE, institutions, health professionals, researchers, patients, citizens will discuss the process of "transactionality" at stake here, so biological data collected in a clinical - preventive context can generate research that responds primarily to a health need while generating a renewed horizon of care and public health, for all citizens.

In Perugia, with the forward-looking choice of Umbria to offer yet more while in Pescara, in light of the recent decision to establish a new SNE screening centre, the extended rare disease community will discuss the requirements and implementation of the diagnosed newborn care protocol, thanks to SNE, to extend the discussion to the patient's path of high complexity in a framework of good practice and translational research intended as organizational research determining the quality of the process.

Veneto

23/09

BiotechJob: formation for innovation

Luogo: Padova, Fiore di Botta, Aula A Piano 1, Via del Pescarotto, 8

Red biotech, Green biotech, White biotech

Meeting/debate

More info: elisa.preto@studenti.unipd.it, ederle@biotecnologi.org

Meeting between students and Biotech companies to discuss the role of the Biotechnologist in the processes of corporate innovation and the skills needed to transform research results into products and services

Organiser: ANBI, Dipartimento di Biologia Università di Padova, Biopharma Network

27/09

Journey to the biotech world – experiments and more

Padova, Università di Padova

Red Biotech

Labs/training

More info: alberto.agnolin.1@gmail.com, saramarin1996@gmail.com

Simple laboratory experiments to show the biological components of cells (e.g. extraction of coloured pigments from flowers, DNA extraction from fruit, etc.), useful physical phenomena in biotechnologies such as fluorescence and observation of cells under the microscope

Organiser: Corso di Laurea in Pharmaceutical Biotechnologies – Università di Padova

Wide newborn Screening

tbd

Red Biotech

Play Decide

More info: malattierare@aulss3.veneto.it

Play to Decide is a game-debate, certified by the European Commission (www.playdecide.eu): through the playdecide kit, interactive tool, simple but effective, controversial issues related to various innovative scientific issues, with strong individual and social implications, are explored and discussed, with the overall objective of an active confrontation between the different social figures, institutions and stakeholders.

Organiser: AULSS3 Serenissima: Centro territoriale malattie rare

A day as a researcher: Open doors to secondary schools

- 1- Venezia, Fondazione Ospedale S.Camillo IRCCS Via Alberoni, 70, 30126 Lido Venezia
- 2- Mestre, Fondazione Banca degli Occhi del Veneto, Via Paccagnella 11, 30174 Mestre

Red Biotech

Open doors

More info: malattierare@aulss3.veneto.it

Students who approach the choice of the university course will have the opportunity to know the activity of the biobanks present in the Venetian territory, in particular, the significance they assume in the world of scientific research and in its impact on the health of citizens, by participating in the work of researchers. It will be possible to see closely the biobanking activity, from sample acceptance to processing, to the management of associated data.

Organiser: AULSS3 Serenissima: Centro territoriale malattie rare