Cyberknife Facility To Boost Pakistan Therapeutic Capacities: IAEA DG

IAEA Director General Rafael Mariano Grossi expressed the hope that the newly inaugurated Cyberknife facility will provide new technological solutions to Pakistan in treating cancer patients and underscored the importance of modern systems in order to make education and training more equitable, diverse, and inclusive. He said that the facility’s inauguration is a testimony of non-militarised nuclear science in other areas, imparting higher education and training to create the first generation of Pakistani technologists.

In a subsequent tweet, he claimed that nuclear security is a key component of various joint cooperation between Pakistan and the IAEA. The high caliber of the Pakistan Centre of Excellence in Nuclear Safety impressed him. Read More

Sustainable Agriculture Practices For Better Farming

Muhammad Khalid

Sustainable agriculture, defined as those agricultural systems that are economically, environmentally, and socially sustainable, is considered a priority in the development of a green and just society. Achieving this goal requires a paradigm shift in the way we produce and consume food. An alternative strategy to conventional farming practices is needed to ensure food security and sustainability. A sustainable future agriculture must provide food for all, while preserving natural resources, reducing environmental impacts, and improving social well-being.

One of the most promising strategies is the adoption of precision agriculture, which uses real-time data and computer technology to optimize crop management practices. This approach can help farmers reduce inputs, minimize waste, and increase yields, leading to improved financial outcomes and better environmental outcomes.

Another key aspect of sustainable agriculture is the promotion of diversified crop rotations and integrated pest management. These practices help to maintain soil health, reduce the need for chemical inputs, and promote biodiversity, which is crucial for long-term crop productivity.

In addition to these strategies, sustainable agriculture also involves the use of renewable energy sources and the adoption of agroforestry practices. These measures not only help to reduce greenhouse gas emissions but also provide additional income opportunities for farmers.

Finally, sustainable agriculture requires a strong emphasis on education and training. Farmers need access to the latest information and technologies to adopt sustainable practices successfully.

Conclusion

In conclusion, sustainable agriculture is crucial for ensuring food security, protecting the environment, and improving social well-being. By adopting practices such as precision agriculture, diversified crop rotations, renewable energy sources, and agroforestry, we can create a more sustainable future for all.

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Need To Make STEM Fields More Equitable For Women

They also discussed the difficulties faced in the STEM field and shared a road map for improvement. The conference was a component of the Binnen Council Funded “STEM Education in Pakistan” project, which also featured various women role models from STEM fields and involved building the capacity of over 200 women and future STEM faculty members.

The closing ceremony of the conference was graced by a former member of National Assembly and chairman of Pakistan Parliament’s Religious Harmony Board, Shabana Masood, who praised the event’s success and expressed hope for more similar initiatives to be held in the future.

IAEA, Pakistan, and the United Nations have repeatedly emphasized the need for nuclear applications. I’m honored to launch Cyberknife, a major CancerCareMedicalsegment. “As a regional hub for radiotherapy, Pakistan will provide assistance to its neighboring countries,” he said. When speaking about nuclear safety, the IAEA DG stated that nuclear security is a key component of various joint cooperation between Pakistan and the IAEA. The high caliber of the Pakistan Centre of Excellence in Nuclear Safety impressed him. Read More

2 Day Intl’ Conference On Women Entrepreneurship Begins At SU

Addressing the seminar, Dr. Muhammad Siddique said that the SU University was playing its role in imparting higher education and research in the social sciences.

The first of a two-day international conference titled “Women Entrepreneurship Challenges and Opportunities” was organized by the University’s Technology Incubation Centre, which is part of the faculty of engineering and technology. Addressing the seminar, Prof. Ali Muhammad Kalsoot said that the SU University was playing its role in imparting higher education and research in the social sciences.

The number of female students and more notable accomplishments.

American universities have already started recruiting female instructors to teach the first generation of Pakistani technologists. On June 7, 2012, SUPARCO launched a solid fuel rocket and made its maiden flight. The team led by Air Commodore (Brigadier-General) S.M. Ismatullah (from the Pakistan Air Force) developed the solid fuel rocket.

Additionally, they discussed the impact of STEM education on women entrepreneurs. The conference was funded by the Binnen Council Funded “STEM Education in Pakistan” project, which also featured various women role models from STEM fields and involved building the capacity of over 200 women and future STEM faculty members.

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Event Held To Mark Pakistan’s First Space Rocket Launch

A ceremony was organized by the Islamabad Citizens Commission (ICC) to mark the launch of SUPARCO’s first rocket. The event was held at the National Stadium in Islamabad.

According to a press release released by the Islamabad Citizens Commission, Syed M Shabir Hashan presented an address to those who were involved in the rocket’s launch, including Dr. Tariq Mahmood and Aftab Khan, the former chair of SUPARCO.

Dr. Tariq Mahmood and Aftab Khan, chairman of SUPARCO, highlighted the significance of this historic event and noted that Pakistan was the second country after the United States to launch a rocket into space in 1962.

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Recommerce Startup SwagKicks Raises $1.2M Seed Funding

Swag Kicks is an online marketplace for pre-owned and pre-discounted premium second-hand clothing that was founded by Maros Anzai, Noji Khan, and Hamza Shokr. One of the biggest importers of used clothing in Pakistan, More consumers are anticipated to mode rn systems in order to make education and training more equitable, diverse, and inclusive.

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POLYCYSTIC OVARIAN SYNDROME (PCOS) is a frequently occurring complicated endocrine disorder characterized by various abnormalities in the reproductive age of women. 17% of females experience PCOS in their reproductive age. Read More

Sustainable Nutrition

Muhammad Arsal Aurangzeb

Sustainable agriculture, defined as those agricultural systems that are economically, environmentally, and socially sustainable, is considered a priority in the development of a green and just society. Achieving this goal requires a paradigm shift in the way we produce and consume food. An alternative strategy to conventional farming practices is needed to ensure food security and sustainability. A sustainable future agriculture must provide food for all, while preserving natural resources, reducing environmental impacts, and improving social well-being.

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In conclusion, sustainable agriculture is crucial for ensuring food security, protecting the environment, and improving social well-being. By adopting practices such as precision agriculture, diversified crop rotations, renewable energy sources, and agroforestry, we can create a more sustainable future for all.

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**Takashkila Institution Announces NASP Fellowship**

NASP Fellowship has been announced by Takashkila Institution, an agricultural research institution, to conduct research on crop improvement and food security. The fellowship is open to researchers from all over the world, with a focus on conducting original research on crops. The application deadline is June 1st. For more information, visit [nasp.takashkila.org](http://nasp.takashkila.org).

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**Pakistan Asked To Stop Export Of Cosmetics With Banned Mercury**

Enviro naïveté asked the Government of Pakistan to notify the world about the illegal export of cosmetics containing banned mercury. The move is in line with the recent attempt to curtail the sale of cosmetics with banned mercury. The Government of Pakistan has set a phase-out date for the production, import, and sale of cosmetics containing mercury above the one ppm limit. The Government of Pakistan has also requested the Food and Drug Administration (FDA) of the United States to take action against unscrupulous dealers and unsuspecting consumers.

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In order to achieve sustainable nutrition, society must seek to supply dependable, healthy, and safe food sources on a global scale, taking into account social, cultural, environmental, and economic issues. In some regions of the world, a healthy diet may not be suitable.

Sustainable Nutrition

The rich developed countries have for centuries dominated the field of science and technology; and in that they have completed, if not ignored, the need, sensitivity, imagination and creativity of other poorer countries inhabiting this planet.

The Devastating Global Impacts Of Climate Change Politics And Corruption

In order to solve the problem of climate change, first of all, it is necessary to ensure the following: 1. To introduce democratic values in the world; 2. To introduce transparency in the world; 3. To establish international law; 4. To reduce the Greenhouse Effect.

It's important to note here that a global strategy can be only envisaged if the whole world is ready for it. The whole world should support this approach, and the strategy must be discussed by representatives of all countries.

Precision fermentation and insect protein or cellular agriculture are very future technologies. A lot of countries will put a strong emphasis on lowering their effect on this planet, where the majority of the population is overweight or obese. Delivering plant-based protein solutions like pulses and beans will be expected to occupy inhabited territory via their food waste streams. Animals have a significant role to play in sustainable food systems.

In most extensive economic policies, many companies may force farmers to choose between growing less nutritious, low-sodium crops and making food waste streams, animals have a significant role to play in sustainable food systems.

The Devastating Global Impacts Of Climate Change

Mohammad Umar Azam

Jahangir Ahmad

Muhammad Uzair Aslam

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Sustainable Agricultural Practices For Better Farming

There is a need for a rapid transition to Sustainable Agriculture. Cattle production can be a major contributing factor to the changing climate. Without drastic changes in our food systems, we will not be able to mitigate the worst effects of climate change.

Sustainability in the agricultural sector is a key concern. It involves implementing practices that are economically viable, socially just, and environmentally sound. Sustainability is not just about reducing the impact on the environment. It is about ensuring that our agricultural practices are resilient to the changing climate and able to meet the needs of future generations.

The agricultural sector is a major contributor to greenhouse gas emissions. To achieve sustainability, we need to reduce the use of fossil fuels, increase the use of renewable energy, and improve the efficiency of our agricultural practices. This includes reducing the amount of water and energy used, improving soil health, and using natural methods of pest control.

Sustainable agriculture practices can also provide economic benefits. By reducing the cost of inputs, increasing the value of our products, and improving the quality of our produce, we can create a more prosperous and resilient agricultural sector.

In conclusion, sustainable agriculture is essential for the health of our planet and for the prosperity of our communities. By implementing sustainable practices, we can create a more resilient and just food system that meets the needs of both people and the planet.

Contagious Bovine Pleuropneumonia

Contagious Bovine Pleuropneumonia (CBPP) is a contagious respiratory disease of cattle. It is caused by Mycobacterium avium, subsp. paratuberculosis. The disease is highly infectious and can be spread through direct or indirect contact with infected animals.

Symptoms of CBPP include coughing, fever, depression, and weight loss. The disease is typically seen in young animals, often between the ages of 6 months and 1 year. Cases may also occur in older animals, usually in those that are already weakened by other diseases.

The diagnosis of CBPP is usually made through a combination of clinical symptoms and laboratory testing. A definitive diagnosis can be made by culturing the organism from a sample of respiratory secretions or lesions.

Management of CBPP involves isolation of affected animals, cleaning and disinfection of affected areas, and vaccination of uninfected animals. Treatments are not available, but management can help control the spread of the disease.

Abnormalities in Polycystic Ovary Syndrome

Polycystic Ovary Syndrome (PCOS) is a common endocrine disorder that affects millions of women worldwide. It is characterized by hormonal imbalances, menstrual irregularities, and ovarian cysts.

The symptoms of PCOS can vary widely, but common signs include irregular or absent menstrual cycles, acne, hair loss, and obesity. Other symptoms may include infertility, increased risk of type 2 diabetes, and high cholesterol.

The cause of PCOS is not yet fully understood, but it may be related to changes in the hypothalamic-pituitary-ovarian axis. Treatment options for PCOS include lifestyle changes, medications, and fertility therapies.

In summary, PCOS is a complex and multifaceted condition that requires a personalized approach to treatment. By working closely with healthcare providers, women with PCOS can manage their symptoms and improve their overall health.
is where Antarctica’s most vulnerable sea floor and begins to float, melting the glacier’s grounding zone. The Thwaites Glacier, a massive chunk of ice last few thousand years. The glacier has accelerated its flow into the ocean. By the turn of the twenty-first century, the Thwaites Glacier was losing ice more quickly. The ECO Secretary General highlighted the need for more proactive measures by the organization and its specialized agencies, especially the ECO Science Foundation, to ensure scientific research and technical collaboration among member countries.

The board of trustees are worried and cautious about the fate of the organization and its specialized agencies. The board of trustees is supposed to decide the future of the organization. The board of trustees are calling for their immediate support for the organization.

According to paleontologist Zhuo Feng of Imperial College London, the cellscan bloator deflate, causing the plant to stand still. This is accomplished by moving water in and out of the cells, which act somewhat like muscles. According to the team, folding behaviour can be distinguished in leaves that may have shriveled as the plant died by looking for cells, which act somewhat like muscles. These plants include many members of the legume family, such as the orchid tree. The leaves of both species had broad, serrated edges. The leaves of the new species, Gigantonoclea species, are oddly symmetrical. The leaves of both species had broad, serrated edges. The leaves of the new species, Gigantonoclea species, are oddly symmetrical. The leaves of both species had broad, serrated edges. The leaves of the new species, Gigantonoclea species, are oddly symmetrical. The leaves of both species had broad, serrated edges. The leaves of the new species, Gigantonoclea species, are oddly symmetrical. The leaves of both species had broad, serrated edges. The leaves of the new species, Gigantonoclea species, are oddly symmetrical.