

- Quali sono i passaggi chiave nella creazione di un efficace piano di comunicazione istituzionale?
- Come identificherebbe e raggiungerebbe il suo pubblico target in un piano di comunicazione?
- Quali sono le sue esperienze precedenti nell'ambito della Comunicazione istituzionale e dell'Ufficio stampa?
- La candidata/il candidato descriva alcuni strumenti per creare infografiche

Handwritten signature in blue ink, possibly reading "Alli" followed by a flourish and "Gee".

TESTO INGLESE 1

HIV epidemic cannot be ended without stopping former prisoners and other patients being lost to care

New data from an implementation programme to be presented at this year's the ESCMID Global Congress (formerly ECCMID) in Barcelona, Spain (27-30 April) stress that the global HIV epidemic cannot be ended without keeping former prisoners and other patients engaged in care, and outlines the efforts made by HIV care clinics in Chicago to locate formerly incarcerated individuals living with HIV who dropped out of care and to reconnect them with treatment services.

"HIV requires lifelong treatment and efforts to maintain antiretroviral therapy are critical to achieve viral suppression, which reduces illness and death as well as onward HIV transmission", says lead author Professor Maximo Brito from the University of Illinois in Chicago, USA. "Most new HIV infections in the USA are acquired from people living with HIV who are either undiagnosed or diagnosed but not retained in HIV care."

0111 / 13 1001

2

- Quali strategie e strumenti utilizzerebbe per una campagna di comunicazione vaccinale?
- In generale, come misurerebbe l'efficacia di una campagna di comunicazione?
- Quali sono le sue esperienze precedenti nell'ambito della Comunicazione istituzionale e dell'Ufficio stampa?
- Descrivere cos'è una mailing list e quali sono alcuni strumenti per crearla

Old / K / G

TESTO INGLESE 2

AI speeds up drug design for Parkinson's by ten-fold

Researchers have used artificial intelligence techniques to massively accelerate the search for Parkinson's disease treatments.

The researchers, from the University of Cambridge, designed and used an AI-based strategy to identify compounds that block the clumping, or aggregation, of alpha-synuclein, the protein that characterises Parkinson's.

The team used machine learning techniques to quickly screen a chemical library containing millions of entries, and identified five highly potent compounds for further investigation.

Parkinson's affects more than six million people worldwide, with that number projected to triple by 2040. No disease-modifying treatments for the condition are currently available. The process of screening large chemical libraries for drug candidates – which needs to happen well before potential treatments can be tested on patients – is enormously time-consuming and expensive, and often unsuccessful.

Four handwritten signatures in blue ink, arranged horizontally from left to right. The first signature is 'DM', the second is a stylized 'A', the third is a stylized 'J', and the fourth is a stylized 'G'.

- Quali sono i principali elementi di un piano media e come si integra un piano media con il piano di comunicazione generale di un'istituzione?
- Qual è il ruolo dei social media in un piano di comunicazione e in un piano media?
- Quali sono le sue esperienze precedenti nell'ambito della Comunicazione istituzionale e dell'Ufficio stampa?
- La candidata/il candidato descriva alcuni possibili tool per il fact-checking per verificare l'accuratezza delle informazioni online.

Am *Jo* *El*


TESTO INGLESE 3

A better view with new mid-infrared nanoscopy

A team at the University of Tokyo have constructed an improved mid-infrared microscope, enabling them to see the structures inside living bacteria at the nanometer scale. Mid-infrared microscopy is typically limited by its low resolution, especially when compared to other microscopy techniques. This latest development produced images at 120 nanometers, which the researchers say is a thirtyfold improvement on the resolution of typical mid-infrared microscopes. Being able to view samples more clearly at this smaller scale can aid multiple fields of research, including into infectious diseases, and opens the way for developing even more accurate mid-infrared-based imaging in the future.

Am J Zee

- In che modo valuterrebbe l'efficacia di un piano media? Quali indicatori di performance prenderebbe in considerazione e attraverso quali strumenti li misurerebbe?
- Quali sono le principali differenze tra la programmazione dei contenuti su LinkedIn e Facebook e quali tipi di contenuti ritieni più efficaci per LinkedIn e Facebook, rispettivamente?
- Quali sono le sue competenze in termini di redazione di comunicati stampa e materiali informativi?
- Per quale motivo si inseriscono le parentesi nelle formule di Excel?



TESTO INGLESE 4

Properties of new materials for microchips can now be measured well

Making ever smaller and more powerful chips requires new ultrathin materials: 2D materials that are only 1 atom thick, or even just a couple of atoms. Think about graphene or ultra-thin silicon membrane for instance. Scientists at TU Delft have taken an important step in application of these materials: they can now measure important thermal properties of ultrathin silicon membranes. A major advantage of their method is that no physical contact needs to be made with the membrane, so pristine properties can be measured and no complex fabrication is required.

"Extremely thin membranes have very different properties from the materials we see around us. For example, graphene is stronger than steel yet extremely flexible," says TU Delft researcher Gerard Verbiest. "These are properties that make these materials very suitable for use in sensors, provided those properties are properly understood."

A handwritten signature in blue ink, consisting of several stylized, cursive letters that are difficult to decipher. It appears to be a personal or official signature.

- Quali sono i passaggi chiave nell'ideazione di un video o di un podcast per la comunicazione istituzionale?
- Quali strumenti utilizzerebbe per la realizzazione e il montaggio di un video e quali per un podcast?
- Quali sono le sue competenze in termini di redazione di comunicati stampa e materiali informativi?
- La candidata/il candidato descriva alcune pratiche per il fact-checking delle informazioni online

Anna Maria J. G. G.

TESTO INGLESE 5

Coral reef microbes point to new way to assess ecosystem health

A new study shows that ocean acidification is changing the mix of microbes in coral reef systems, which can be used to assess ecosystem health.

The study, published today in *Microbiome*, looked at coral reefs specifically, but the researchers say it could be widely applicable as a method for measuring how ecosystems are responding to human activities.

Understanding how ecosystems are changing in response to human activity allows predictions of their future, and how to conserve them. Although microbes are crucial for ecosystems – supporting critical functions such as nutrition and immune system modulation – changes in microbial communities are rarely measured when assessing ecosystem health.

all P B 2001

- Quali sono le strategie che attuerebbe per coinvolgere diversi stakeholder in un progetto di comunicazione scientifica?
- Come gestirebbe le relazioni con i media e come stabilirebbe contatti efficaci con loro?
- Quali sono le sue competenze nella pianificazione e nell'utilizzo professionale dei social media? Per quali social media?
- La funzione Layout di stampa di Word permette di:

all / JS 2001

TESTO INGLESE 6

AI tool predicts responses to cancer therapy using information from each cell of the tumor

With more than 200 types of cancer and every cancer individually unique, ongoing efforts to develop precision oncology treatments remain daunting. Most of the focus has been on developing genetic sequencing assays or analyses to identify mutations in cancer driver genes, then trying to match treatments that may work against those mutations.

But many, if not most, cancer patients do not benefit from these early targeted therapies. In a new study published on April 18, 2024, in the journal *Nature Cancer*, first author Sanju Sinha, Ph.D., assistant professor in the Cancer Molecular Therapeutics Program at Sanford Burnham Prebys, with senior authors Eytan Ruppin, M.D., Ph.D., and Alejandro Schaffer, Ph.D., at the National Cancer Institute, part of the National Institutes of Health (NIH)—and colleagues—describe a first-of-its-kind computational pipeline to systematically predict patient response to cancer drugs at single-cell resolution.

Three handwritten signatures in blue ink are located at the bottom right of the page. The first signature is 'Sanju Sinha', the second is 'Eytan Ruppin', and the third is 'Alejandro Schaffer'.

- In che modo si procurerebbe le notizie sui progetti e risultati scientifici dell'Istituzione scientifica per la quale lavora?
- In base a cosa selezionerebbe le notizie se l'obiettivo è informare il grande pubblico?
- Quali sono le sue competenze nella pianificazione e nell'utilizzo professionale dei social media? Per quali social media?
- La candidata/il candidato illustri le principali caratteristiche del podcasting

A handwritten signature in blue ink, consisting of a series of loops and flourishes, located at the bottom right of the page.

TESTO INGLESE 7

Quick decisions in soccer enhanced by brain's ability to suppress actions

To pass or not to pass, that is the question faced by soccer players the world over in every match. It might be unsurprising that higher skilled players exhibit better execution of actions than lower skilled ones, but now an Osaka Metropolitan University-led research team has evidence that the neural process to suppress actions also plays an important role.

Research Center for Urban Health and Sports Assistant Professor Takahiro Matsutake and colleagues conducted an experiment to see how three levels of soccer players perform when faced with the same tasks. The researchers recruited 14 collegiate soccer players, with half of them highly skilled, and seven graduate students who did not have formal soccer training. All 21 subjects were men. As one part of the experiment, a series of photographs showing different arrangements of two defenders and three offensive teammates from a first-person perspective was displayed. The participants had to push a foot switch button if a pass downfield between two defenders was possible.

Four handwritten signatures in blue ink, arranged horizontally from left to right. The first signature is 'DM', the second is a stylized 'J', the third is 'J3', and the fourth is 'Jee'.

- Occorre organizzare una conferenza stampa per presentare gli importanti risultati di un progetto medico-scientifico. Quali sono i fattori di tempo, logistici, organizzativi, giornalistici da considerare e come pianificherebbe il tutto?
- In che modo e con quali strumenti monitorerebbe le uscite giornalistiche?
- Quali sono le sue competenze nell'ideazione, realizzazione e montaggio di video o podcast, in particolare a livello professionale?
- A cosa servono le revisioni in Word?

AM P J3

2001

TESTO INGLESE 8

Study reveals how humanity could unite to address global challenges

New research led by the University of Oxford has found that perceptions of globally shared life experiences and globally shared biology can strengthen psychological bonding with humanity at large, which can motivate prosocial action on a global scale and help to tackle global problems. The findings have been published today in Royal Society Open Science.

Many of the most daunting challenges facing humankind today – from the climate crisis and poverty to food insecurity and terrorism – can only be overcome through cooperation and collective action on a global scale. But what would it take to unite humanity in this way?

According to the results of a new study, the key could lie in two of the most potent drivers of social bonding known in group psychology – shared ancestry and shared transformative experiences – albeit shared not only on the level of the tribe, the nation, or the religious community, but with humanity at large.

DM / JZ

DM