

**The Lord is like a strong tower, where the righteous can go and be safe.**

Proverbs 18:10

ISSN 2651-871X

# DIYARYO KABITENYO

Nagmamalasakit sa lalawigan

Entered as FIRST CLASS MAIL at Imus Post Office with Business Mail Permit No. TC-19-06-249  
Vol. 24 No. 20

July 5-11, 2021

P 10.00

**Be alert, stand firm in the faith, be brave, be strong.**

1 Corinthians 16:13

**Jonvic: 1.5M doses of Novavax to arrive in Cavite in 2 months**

The provincial government is expecting the arrival of 1.5 million doses of



**REMULLA**

Novavax coronavirus disease (COVID-19) vaccine in the next two months.

In a Facebook post last June 30, Gov. Jonvic Remulla said the agreement for the vaccine acquisition has been finalized.

In April, Remulla said the provincial government has ordered three million doses of Novavax to inoculate 1.5 million Caviteños for free.

## 700 students from GMA, Silang get assistance

Around 700 students from the municipalities of General Mariano Alvarez and Silang got educational assistance recently from Rep. Dahlia

Loyola and Carmona Mayor Roy Loyola. In her speech, Rep. Dahlia Loyola stressed: "Ang edukasyon ang susi sa tagumpay. Patuloy

kayong magsikap upang maabot ninyo ang inyong mga pangarap." "Pahalagahan ninyo ang pagkakataon na ibinigay sa

ninyo. Gamitin ninyo nang maayos ang tungkol na ito upang makatulong sa inyong pag-aaral," she added.

der the Iskolalar ng CarSiGMA Educational Program were held at the EARIST-Cavite Campus and Silang Central Elementary School.



# DIYARYO KABITENYO

ISSN 2631-8214

ARNULFO SARCO

Publisher/Editor

GENER SARCO

Operations Manager

DIYARYO KABITENYO is published weekly and circulated throughout the province of Cavite. It has its editorial and business offices at Block 13, Lot 1, Linyaway Homes Subdivision, Anabu-UC, City of Imus, Cavite. It is registered at the Department of Trade and Industry-Region 4, P-IV-88-Av. 88284. Our telephone number is 0217946918.

Subscription Rate:	Advertising Rate:
1 month - P. 40.00	Commercial - P200.00/col. cm.
3 months - 120.00	Legal - 180.00/col. cm.
6 months - 240.00	

## PAPI

Publishers Association of the Philippines, Inc.

## Increased use of household fireworks creates a public health hazard

Fireworks are distributed throughout synonymous in the California, scientists United States with from UCI's Program the celebration of in Public Health Independence Day and found that short-term, extremely high-particle-matter air pollution from the widespread use of fireworks spiked during the periods of late June through early July in 2019 and 2020.

The increase was most pronounced in Southern California counties where fireworks regulations are less strict than in

## A new class of functional elements in the human genome?

Some regions of the human genome where the DNA can fold into unusual three-dimensional structures called G-quadruplexes (G4s) show signs that they are preserved by natural selection. When G4s are located in the regulatory sequences that control how genes are expressed or in other functional, but non-protein coding, regions of the genome, they are maintained by selection, are more common, and their unusual structures are more stable, according to a new study. Conversely, the structures are less common, less stable, and evolve neutrally outside of these regions, including within the protein-coding regions northern parts of the state and where the illegal use of do-it-yourself pyrotechnics is also more prevalent. This and other findings are the subject of a study published recently in the

of genes themselves. Together, these lines of evidence suggest that G4 elements should be added to the list of functional elements of the genome along with genes, regulatory sequences, and non-protein coding RNAs, among others. A paper describing the study, by a team of researchers led by Penn State scientists, appears June 29, 2021 in the journal *Genome Research*.

"There have been only a handful of studies that provided experimental evidence for individual G4 elements playing functional roles," said Wilfried Guiblet, first author of the paper, a graduate student at Penn State at the time of research, *International Journal of Environmental Research and Public Health*.

"You may have seen discussions on social media lately about people worrying and now a postdoctoral scholar at the National Cancer Institute. "Our study is the first to look at G4s across the genome to see if they show the characteristics of functional elements as a general rule."

As much as 1% of the genome can fold into G4s, rather than the typical double helix (in comparison, protein-coding genes occupy approximately 1.5% of the genome). G4s are one of several non-canonical shapes into which DNA can fold, collectively known as "non-B DNA." The G4 structure forms in DNA sequences rich in the nucleotide guanine, the "G" in the ACGT alphabet of the genome. G4s have been implicated for their pets on nights when the skies are filled with exploding fireworks, but we've found that there is a real threat to human well-being too," said co-author Jun Wu, UCI professor of public health.

"And like many other environmental justice issues, we find the worst impacts among residents of low-income communities."

ed in several key cellular processes and have been suggested to play a role in several human diseases, including neurological disorders and cancer.

To better understand the function of G4s at a genome-wide scale, the research team looked at their distribution across the genome, their thermostability, and whether or not they showed signs of being under the influence of natural selection, all in relation to other functional elements of the genome. They confirmed that, as a rule, G4s are more common in regions of the genome known to have important cellular functions and that the G4s in these regions are more stable than elsewhere in the genome.



REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
OFFICE OF THE CLERK OF COURT  
DASMARINAS CITY, CAVITE

NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC),  
Petitioner/Mortgagee,

vs.

File No. FC-DC-8173-21  
EXTRA JUDICIAL FORECLOSURE  
OF REAL ESTATE MORTGAGE  
UNDER ACE 333K AS AMENDED  
BY ACT 4118

SPS. ISAGANI R. PALOMARES &  
MARIETTA L. PALOMARES,  
Respondents/Mortgagors

**NOTICE OF SHERIFF'S SALE**

Upon extra-judicial petition for sale under Act 3135, as amended by Act 4118 filed by the petitioner/mortgagee, NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC), a government owned and controlled corporation created under P.D. No. 1267, with postal address at 104 Amorsolo St., Legaspi Village, Makati City against respondents/mortgagors, SPS. ISAGANI R. PALOMARES & MARIETTA L. PALOMARES with postal address at South Meridian Homes II Lot 09 Bk. 14 Bgy. Salitan, Dasmariñas City, Cavite and 1.9 B3 Ph. 2 Sunshine Village, Gen. Mariano Alvarez, Cavite and for the satisfaction of the mortgaged debt which as of March 31, 2021 amounts to **NINE HUNDRED FORTY THOUSAND NINE HUNDRED PESOS & 41/100 (P940,900.41)**, exclusive of all legal fees and expenses incidental to this foreclosure and sale, the undersigned Sheriff will sell at public auction on **July 21, 2021** at 10:00 o'clock in the morning or soon thereafter in the Court Room of Branch 90, Regional Trial Court, Ground Floor, Dasmariñas Community Affairs (DAFCA) Building, Congressional Road, Bawal II, Dasmariñas City, Province of Cavite to the highest bidder for **CASH or CERTIFIED CHECK**, in Philippine Currency, the following described real property together with all the buildings and other improvements existing thereon, to wit:

**Transfer Certificate of Title No. T-546868**

IT IS HEREBY CERTIFIED that certain land situated in the Mun. of Dasmariñas, Province of Cavite bounded and described as follows:

A parcel of land (Lot 5, Bk. 14 of the subdiv. plan, Pad-04-020984, being a portion of Lot 2, (LBC) Pcs-27384, L.R.C. Rec. No. 1), situated in the Br. of Salitan, Mun. of Dasmariñas, Prov. of Cavite. Bounded on the SE, along line 1-2 by Lot 10, on the SW, along line 2-3 by Lot 7, both of Bk. 14, on the NW, along line 3-4 by Rd. Lot 15, and on the NE, along line 4-1 by Lot 11, Bk. 14, all of the subdiv. plan, beginning at a pt. marked "1" on plan, being N. 26 deg. 58'E. 969.68 m. from Mcd. No. 134, linear Estate, thence S. 09 deg. 08'W. 8.00 m. to pt. 2; thence N. 20 deg. 32'W. 12.00 m. to pt. 3; thence N. 09 deg. 04'E. 8.00 m. to pt. 4; thence E. 20 deg. 32'E. 12.00 m. to the pt. of beginning, containing an area of **NINETY SIX (96) SQ. METERS**. All pts. referred to are indicated on the plan and are marked on the ground by P.S. cyl. iron. meas. 15 x 60 cm.; bearings true; date of orig. survey, 1905 - 1918 and that of the subdiv. survey; Oct. 29-Nov. 29, 1987 and was approved on Aug. 25, 1988.

It is registered in accordance with the provision of the Property Registration Decree in the name of ISAGANI R. PALOMARES, married to Marietta L. Palomares, both of legal age.

Prospective buyers and/or bidders are hereby enjoined to investigate for themselves the title of the said real property and

the encumbrance thereon, if there be any.

All sealed bids must be submitted to the undersigned on the above-stated time and date.

In the event the publication auction should not take place on the said date and time, it shall be held on **July 28, 2021**, at the same time and place without further notice.

05 June 2021, Dasmariñas City, Province of Cavite.

(Sgd.) RODRIGO C. ESTOGERO, JR.  
Sheriff IV

(Sgd.) MARCELA L. BAYBAY  
Clerk of Court VI & Ex-Officio Sheriff

Copy Furnished:

NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC)  
104 Amorsolo St., Legaspi Village, Makati City

SPS. ISAGANI R. PALOMARES & MARIETTA L. PALOMARES

South Meridian Homes II Lot 09 Bk. 14 Bgy. Salitan, Dasmariñas City, Cavite and  
1.9 B3 Ph. 2 Sunshine Village, Gen. Mariano Alvarez, Cavite

Notice posted at:

1. The Bulletin Board of Regional Trial Court, Dasmariñas City, Cavite.
2. The Bulletin Board of Dasmariñas City Hall
3. The Bulletin Board of Dasmariñas City Post Office
4. The Bulletin Board of Dasmariñas City Public Market

Publication: DIYARYO KABITENYO  
Dates: June 21, 28 and July 5, 2021

Refers Date of Issuance to: 05 June 2021

**Increased use of household fireworks creates a public health hazard**

Fireworks are synonymous with the celebration of Independence Day and other special events, but the colorful displays have caused a growing risk to public safety in recent years, according to a study by environmental health researchers at the University of California, Irvine. Relying on real-time air quality measurements

crowdsourced from a network of more than 750 automated sensors distributed throughout California, scientists from UCI's Program in Public Health found that short-term, extremely high-particulate-matter air pollution from the widespread use of fireworks spiked during the periods of late June through early July in 2019 and 2020.

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
OFFICE OF THE CLERK OF COURT  
TRECE MARTIRES CITY

HOME DEVELOPMENT MUTUAL FUND,  
Mortgagee,

vs.

JEMECA R. GALARPE  
married to ARNEL B. GALARPE  
Mortgagors

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-Judicial Petition for Sale under Act 3135, as amended by Act 4118, filed by Mortgagee, HOME DEVELOPMENT MUTUAL FUND, with business address 12<sup>th</sup> Floor JELP Business Solutions Center, No. 409 Shaw Boulevard Mandaluyong City, against the Mortgagors, JEMECA R. GALARPE married to ARNEL B. GALARPE with residential and postal address LOT 17, BLOCK 27, PHASE 1A, GRAND RIVERSIDE SUBDIVISION, PASONG CAMACHILE, GENERAL TRIAS, CAVITE, to satisfy the mortgage indebtedness which as of 30 September 2014 amounts to **TWO HUNDRED SEVEN THOUSAND SIX HUNDRED FIFTY PESOS AND 12/100 (P297,650.12)** Philippine Currency, including interest, penalties and other charges as of said date but exclusive of all other expenses incidental to this foreclosure and sale, the undersigned Sheriff will set at public auction on **August 16, 2021** at 10:00 o'clock in the morning at the main entrance of the Government Center Building located at the Provincial Capitol Compound, Trece Martires City, to the highest bidder for **CASH** and in Philippine Currency the following described property with all the improvements thereon, to wit:

**TRANSFER CERTIFICATE OF TITLE NO. T-723997**

A parcel of land (Lot 17 Bk. 27 of the subdiv. plan Pcs-04-014361, being a portion of the cons. of Lots 1 Bks. 32, 1 Bk. 33 both of Pcs-04-013772, 1790-E, Pad-04-031325) 1954-A, Pad-04-109084, 1955 (R2-04-002594), 2155 (R2-04-002596) and 2379 all of S.F.D.M. Estate, situated in the Br. of Pasong Camachile, Mun. of Gen. Trias, Prov. of Cavite, Is. of Luzon, bounded on the SW, along line 1-2 by Lot 4 Bk. 27; on the NW, along line 2-3 by Lot 18 Bk. 27; on the NE, along line 3-4 by lot Alley 21; and on the SE, along line 4-1 by Lot 16 Bk. 27, all of the cons. subdiv. plan, beginning at a pt. marked "1" on plan xxx containing an area of **THIRTY SIX (36) SQ. METERS** xxx

All sealed bids must be submitted to the undersigned on the above-stated time and date.

In the event the public auction should not take place on the said date and time, it shall be held on **September 02, 2021** without further notice.

Prospective bidders/buyers are hereby enjoined to investigate for themselves the title to the said property and encumbrances thereon, if any there be.

Trece Martires City, **June 15, 2021.**

(Sgd.) LUCIO C. ALEJO III  
Sheriff IV

Copy Furnished:

HOME DEVELOPMENT MUTUAL FUND  
12<sup>th</sup> Floor JELP Business Solutions Center,  
No. 409 Shaw Boulevard, Mandaluyong City

JEMECA R. GALARPE married to ARNEL B. GALARPE  
LOT 17, BLOCK 27, PHASE 1A, GRAND RIVERSIDE  
SUBDIVISION, PASONG CAMACHILE,  
GENERAL TRIAS, CAVITE.

**WARNING:** It is absolutely prohibited to remove, deface or destroy this Notice of Extra-Judicial Sale on or before the date of sale.

Publication: DIYARYO KABITENYO  
Dates: June 21, 28 and July 5, 2021

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
OFFICE OF THE CLERK OF COURT  
Trece Martires City

HOME DEVELOPMENT MUTUAL FUND,  
Mortgagee,  
FORECLOSURE CASE NO. F-729-18

ALLAN WALTER L. FILIPINAS  
Mortgagee's

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-Judicial Petition for Sale under Act 3133, as amended by Act 4118, filed by Mortgagee, HOME DEVELOPMENT MUTUAL FUND, with business address at 12<sup>th</sup> Floor, HELP Business Solutions Center, No. 409 Shaw Boulevard, Mandaluyong City against the Mortgagee's ALLAN WALTER L. FILIPINAS with residence and postal address Lot 26 & 27, Block 15, Ciudad Verde Hermes Paradahan, Tanza, Cavite to satisfy the mortgage indebtedness, which as of 30 June 2015 amounts to SEVEN HUNDRED SEVENTY FIVE THOUSAND SIX HUNDRED SIXTY PESOS AND 85/100 (P775,660.85), Philippine Currency, including interest, penalties and other charges as of said date but exclusive of all other expenses incidental to this foreclosure and sale the undersigned Sheriff will set at public auction on **August 26, 2021** at 10:00 o'clock in the morning at the main entrance of the Government Center Building located at the Provincial Capitol Compound Trece Martires City, to the highest bidder for CASH and in Philippine Currency the following described property with all the improvements thereon, to wit:

**TRANSFER CERTIFICATE OF TITLE  
NO. 957-2012016091**

A PARCEL OF LAND (LOT 26, BLK. 15 OF THE CONS. AND SUBD. PLAN, PCS-04-020764, BEING A PORTION OF THE CONS. OF LOT 4072-F-2, PSD-04-041479 AND LOTS 2064-NEW, 2433, 2554, & 2555, ALL OF STA. CRUZ DE MALABON FRIAR LANDS ESTATE (RS-04-000985) G.L.R.O. RECORD NO. 6832) SITUATED IN THE BRGY. OF PARADAHAN MUN. OF TANZA, PROVINCE OF CAVITE, ISLAND OF LUZON, BOUNDED ON THE NW, ALONG LINE 3-2 BY LOT 25 OF BLOCK 15; ON THE NE, ALONG LINE 2-3 BY ROAD LOT 10 (6.30 M WIDE); ON THE SE, ALONG LINE 3-4 BY LOT 27; ON THE SW, ALONG LINE 4-1 BY LOT 15, BOTH OF BLOCK 15, ALL OF THE CONS. SUBD. PLAN BEGINNING AT A PT. MARKED "T" ON PLAN xxx CONTAINING AN AREA OF FORTY EIGHT (48) SQUARE METERS xxx.

**TRANSFER CERTIFICATE OF TITLE  
NO. 957-2012016092**

A PARCEL OF LAND (LOT 27, BLK. 15 OF THE CONS. AND SUBD. PLAN, PCS-04-020764, BEING A PORTION OF THE CONS. OF LOT 4072-F-2, PSD-04-041479 AND LOTS 2064-NEW, 2433, 2554, & 2555, ALL OF STA. CRUZ DE MALABON FRIAR LANDS ESTATE (RS-04-000985) G.L.R.O. RECORD NO. 6832) SITUATED IN THE BRGY. OF PARADAHAN, MUN. OF TANZA, PROVINCE OF CAVITE, ISLAND OF LUZON, BOUNDED ON THE NW, ALONG LINE 1-2 BY LOT 26 OF BLOCK 15; ON THE NE, ALONG LINE 2-3 BY ROAD LOT 10 (6.30 M. WIDE); ON THE SE, ALONG LINE 3-4 BY LOT 28; ON THE SW, ALONG LINE

4-1 BY LOT 14, BOTH OF BLOCK 15, ALL OF THE CONS. SUBD. PLAN BEGINNING AT A PT. MARKED "T" ON PLAN xxx CONTAINING AN AREA OF FORTY EIGHT (48) SQUARE METERS xxx

All sealed bids must be submitted to the undersigned on the above-stated time and date.

In the event the public auction should not take place on the said date and time, it shall be held on **September 02, 2021** without further notice.

Prospective bidders/buyers are hereby enjoined to investigate for themselves the title to the said property and circumstances thereon, if any there be.

Trece Martires City, **June 15, 2021.**

(Sgd.) LUCIO C. ALEJO III  
Sheriff IV

Copy Furnished:

HOME DEVELOPMENT MUTUAL FUND  
12<sup>th</sup> Floor HELP Business Solutions Center,  
No. 409 Shaw Boulevard, Mandaluyong City

ALLAN WALTER L. FILIPINAS  
Lot 26 & 27, Block 15, Ciudad Verde Hermes  
Paradahan, Tanza, Cavite

**WARNING:** It is absolutely prohibited to remove, deface or destroy this Notice of Extra-Judicial Sale on or before the date of sale.

Publication: DIARYO KABITENYO  
Dates: June 21, 28 and July 5, 2021

## A promising two-punch therapy for Langerhans cell histiocytosis

Langerhans cell histiocytosis (LCH) is a rare cancer involving dendritic cells, a type of white blood cell that usually helps defend against infections. The current standard of care for LCH, chemotherapy, cures fewer than half of patients. "Our research team focuses on identifying the causes of LCH so that we can develop better therapies for patients," said Dr. Rikhia Chakraborty, assistant professor of pediatrics –hematology and oncology at Baylor College of Medicine. Most cells in LCH lesions are not abnormal dendritic cells but other invading immune cells, such as T cells, that are recruited to sites of disease.

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
OFFICE OF THE CLERK OF COURT  
Trece Martires City

HOME DEVELOPMENT MUTUAL FUND,  
Mortgagee,  
FORECLOSURE CASE NO. F-897-18

EDGARDO G. ABUTIN  
Mortgagee's

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-Judicial Petition for Sale under Act 3133, as amended by Act 4118, filed by Mortgagee, HOME DEVELOPMENT MUTUAL FUND, with business address at 12<sup>th</sup> Floor, HELP Business Solutions Center, No. 409 Shaw Boulevard, Mandaluyong City against the Mortgagee's EDGARDO G. ABUTIN, with residence and postal address at Lot 10, Block 1, Ville de Palmes Subdivision, Santiago, General Trias, Cavite to satisfy the mortgage indebtedness which as of 23 June 2016 amounts to ONE MILLION THREE HUNDRED THIRTY NINE THOUSAND FOUR HUNDRED FIFTY NINE PESOS AND 53/100 (P1,339,459.53), Philippine Currency, including interest, penalties and other charges as of said date but exclusive of all other expenses incidental to this foreclosure and sale, the undersigned Sheriff will set at public auction on **August 26, 2021** at 10:00 o'clock in the morning at the main entrance of the Government Center Building located at the Provincial Capitol Compound, Trece Martires City, to the highest bidder for CASH and in Philippine Currency the following described property with all the improvements thereon, to wit:

**TRANSFER CERTIFICATE OF TITLE  
NO. 957-2011097927**

A PARCEL OF LAND (LOT 10, BLK. 1 OF THE CONS. & SUBD. PLAN, PCS-04-020925, BEING A PORTION OF THE CONS. OF LOTS 2565 & 3484, (RS-04-002981) SAN FRANCISCO DE MALABON ESTATE, L.R.C. REC. NO. 5984) SITUATED IN BRGY. OF SANTIAGO, MUN. OF GEN. TRIAS, PROVINCE OF CAVITE, ISLAND OF LUZON, BOUNDED ON THE SE, ALONG LINE 1-2 BY LOT 9, BLK. 1; ON THE SW, ALONG LINE 3-3 BY LOT 23, BLK. 1; ON THE NW, ALONG LINE 3-4 BY LOT 11, BLK. 1 AND ON THE NE, ALONG LINE 4-1 BY ROAD LOT 1 ALL OF THE CONS. & SUBD. PLAN BEGINNING AT A PT. MARKED "T" ON PLAN xxx CONTAINING AN AREA OF FIFTY (50) SQUARE METERS xxx.

All sealed bids must be submitted to the undersigned on the above-stated time and date.

In the event the public auction should not take place on the said date and time, it shall be held on **September 02, 2021** without further notice.

Prospective bidders/buyers are hereby enjoined to investigate for themselves the title to the said property and circumstances thereon, if any there be.

Trece Martires City, **June 15, 2021.**

(Sgd.) LUCIO C. ALEJO III  
Sheriff IV

Copy Furnished:

HOME DEVELOPMENT MUTUAL FUND  
12<sup>th</sup> Floor, HELP Business Solutions Center,  
No. 409 Shaw Boulevard, Mandaluyong City

EDGARDO G. ABUTIN  
Lot 10, Block 1, Ville de Palmes Subdivision, Santiago,  
General Trias, Cavite

**WARNING:** It is absolutely prohibited to remove, deface or destroy this Notice of Extra-Judicial Sale on or before the date of sale.

Publication: DIARYO KABITENYO  
Dates: June 21, 28 and July 5, 2021



**DEED OF EXTRAJUDICIAL SETTLEMENT OF THE ESTATE OF ARMANDO PAKINGAN**

NOTICE is hereby given that the estate of the deceased **ARMANDO PAKINGAN** who died intestate on August 19, 2016 at Medical Center Imitas, Divisoria Road, Palico 4, City of Imitas, Cavite, consisting of one-fourth (1/4) undivided share of a parcel of land, containing an area of One Thousand Four Hundred Five Sq. Meters and Fifty Sq. Decimeters (1,405.50), located at Pasong Boyeta 1, City of Imitas, Cavite, covered by Transfer Certificate of Title No. T-497134 of the Registry of Deeds for the Province of Cavite, more particularly described as follows: a parcel of land situated in the Block (Ansil) Map, of Imitas, Prov. of Cavite, containing an area of **NINE THOUSAND ONE HUNDRED NINETY SIX (9,196) SQUARE METERS**, more or less, has been adjudicated and extrajudicially settled by and among his heirs the one-fourth (1/4) undivided share of the above-described property containing an area of One Thousand Four Hundred Five Sq. Meters and Fifty Sq. Decimeters (1,405.50), in the manner and proportion herein set forth; the parties hereto agreed to divide, partition and to adjudicate to and among themselves the above-estate of the decedent, one-fourth (1/4) undivided share of the above-described property containing an area of 1,405.50 sq. meters, more or less, in equal share, pro indiviso on June 5, 2021 at Province of Cavite before Notary Public Atty. Jose R. Basillas and entered in his Notarial Register as Doc. No. 154; Page No. 31; Book No. VI, Series of 2021.

(Sgd.) All Heirs with conformity of spouses

Publication: **DIYARYO KABITENYO**  
Date: June 21, 28 and July 5, 2021

**REPUBLIC OF THE PHILIPPINES  
PROVINCE OF CAVITE  
MUNICIPALITY OF NAIC**

**NOTICE TO THE PUBLIC**

**CCE-0025-2021 R.A. 10172**

In compliance with the publication requirement and pursuant to OCRG Memorandum Circular No. 2013-1, Guidelines in the Implementation of the Administrative Order No. 1, Series of 2012 (IRR as R.A. 10172), Notice is hereby served to the public that **GLANN PANGANIBAN OLIVES** has filed with this Office, a petition for correction of entry in his Certificate of Live Birth and whose parents are **Reynaldo P. Olives and Vivian B. Panganiban**.

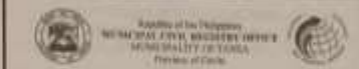
Any person adversely affected by said petition, may file his/her written opposition with this Office not later than **July 12, 2021**.

(Sgd.) **GLORIA P. BAGO**  
Municipal Civil Registrar

**DIYARYO KABITENYO - June 28 and July 5, 2021**

**Antibodies help identify women protected from placental malaria**

Six antibody characteristics could help scientists identify which pregnant women are at risk of placental malaria infections, finds a



**NOTICE TO THE PUBLIC**

24 June 2021

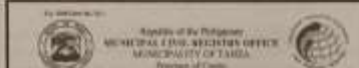
**CYN-0004-2021  
CCE-0023-2021 RA 10172**

In compliance with the publication requirement and pursuant to OCRG Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1, Series of 2012 (IRR as R.A. 10172), Notice is hereby served to the public that **ARTURO C. LUBIGAN** has filed with this Office, a petition for **CHANGE OF FIRST NAME** from "**CESARIO**" to "**ARTURO**" and **CORRECTION OF CLERICAL ERROR IN CHILD'S DATE OF BIRTH** from "**August 29, 1962**" to "**August 27, 1962**", in the Certificate of Live Birth of **CISARDO CESA LUBIGAN**, who was born on August 29, 1962 at Targa, Cavite and whose parents were **Mario Crisostomo Lubigan & Basilia Arca Cain**.

Any person adversely affected by said petition may file his/her written opposition with this Office not later than **July 12, 2021**.

(Sgd.) **MA. THERESA J. CESA**  
Municipal Civil Registrar

**DIYARYO KABITENYO - June 28 and July 5, 2021**



**NOTICE OF PUBLICATION**

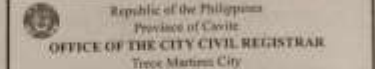
In compliance with Sec. 5 of Dep. Act No. 9048, a notice is hereby served to the public that **MARCIAL A. JOYA** has filed with this office a petition for **CHANGE OF FIRST NAME** (OCRG & LCRO Copy) from "**MARCELO**" to "**MARCIAL**" in the **CERTIFICATE OF LIVE BIRTH** of one **MARCELO ABUTIN JOYA**, who was born on **JUNE 29, 1959** at **Targa, Cavite** and parents were **NEMENCIO PLATA JOYA & PILAR DONES ABUTIN**.

Any person adversely affected by said petition may file his/her written opposition with this Office not later than **July 12, 2021**.

(Sgd.) **MA. THERESA J. CESA**  
Municipal Civil Registrar

**DIYARYO KABITENYO - June 28 and July 5, 2021**

study published June 29, 2021 in eLife. Malaria infections can be devastating for pregnant mothers, particularly during their first pregnancies. If malaria parasites invade the placenta, they can starve babies of nutrition, potentially causing low birth weight, preterm deliveries, stillbirths, and pregnancy loss. But not all women are susceptible to placental malaria infections, and the new study may



Publication Notice  
R.A. 10172

**NOTICE TO THE PUBLIC**

In compliance with the publication requirement and pursuant to OCRG Memorandum Circular No. 2013-1, Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (IRR as R.A. 10172), Notice is hereby served to the public that **CHRISTINA ERASQUIN ROSARE** has filed with this Office a Petition for Correction of Entry in the Child's date of birth from "**May 11, 2006**" to "**May 13, 2006**" in the Certificate of Live Birth of **THECNIE SHANE ERASQUIN ROSARE** born on **May 11, 2006** at **Trece Martires City, Cavite** and whose parents are **NELSON REYES ROSARE and CRISTINA MAGSIPOC ERASQUIN**.

Any person adversely affected by said petition may file his/her written opposition with this office not later than **July 12, 2021**.

(Sgd.) **MAXIMO JR. L. LONTOC**  
City Civil Registrar

**DIYARYO KABITENYO - June 28 and July 5, 2021**

help clinicians to identify those at risk and researchers to develop new therapies to protect pregnant women from malaria and related complications.

A protein made by malaria parasites called VAR2CSA allows them to attach to placental cells and invade the placenta.

"Many women produce antibodies that can prevent this infection, and even those who have placental malaria during their first pregnancy are less likely to become infected during subsequent pregnancies because they have already developed protective antibodies," explains co-first author Dr Elizabeth Aitken, Research Officer at the Doherty Institute, University of Melbourne, Australia. "We set out to identify the features of these antibodies that help protect women from placental infections."

In their experiments, the research team used a machine learning technique to identify naturally acquired antibody features mid pregnancy that were associated with protection from placental malaria at delivery.



**AFFIDAVIT OF SELF-ADJUDICATION AS SOLE HEIR (with SALE)**

NOTICE is hereby given that the estate of the late MERLINDA M. ILISAN who died intestate on April 7, 2014 at No. 309 Yafal Street, Barangay Comendat, Makati City, a resident of Barangay Lumbayog, Tama, Cavite at the time of her death, consisting of a one (1) parcel of land both situated in Barangay Palatayan, Tama, Cavite with an area of 25,259 square meters and 24,841 square meters, respectively, embraced by Transfer Certificate of Title Nos. 857-2020034957 and 857-202004029 has been self-adjudicated by her sole heir JOSEPH M. ILISAN, and for and in consideration of the sum of TEN MILLION FIVE HUNDRED THOUSAND PESOS (P10,500,000.00), he hereby CONVEYS, CEDES, ASSIGNS, SELLS and TRANSFERS all his rights and interests in favor of CMC PRIME, INC., a corporation organized and existing under Philippine laws, with principal office at 37 Floor CMC Corporate Center, 224 Shaw Boulevard, Mandaluyong City on April 19, 2021 in Tama, Cavite, Philippines before Notary Public Atty. Julius B. Arca and entered in his Notarial Register as Doc. No. 264, Page No. 55, Book No. XI, Series of 2021.

(Sig.) Atty.

Publication: DIYARYO KABITENYO  
Date: June 28, July 5 & 12, 2021

**EXTRAJUDICIAL SETTLEMENT OF ESTATES OF SPOUSES NOEL M. DE OCA AND TERESITA M. DE OCA**

NOTICE is hereby given that the estate of the late NOEL M. DE OCA and TERESITA M. DE OCA who both died intestate on January 7, 2009 in San Bernardino, California, U.S.A. and on November 12, 2010 in New York City, New York, U.S.A., respectively, consisting of the following properties:

**1. TRANSFER CERTIFICATE OF TITLE NO. T-41108  
Registry of Deeds for the Province of Cavite**

A parcel of land situated in the Barrio of Sibog, Municipality of Imus, Province of Cavite, containing an area of THREE HUNDRED NINETY (390) SQUARE METERS, more or less.

**HOUSE (III-A) - TAX DECLARATION  
NO. 19-236-0031-00499:**

**2. CERTIFICATE OF TIME DEPOSIT (CTD)  
with BDO - SM BACOR BRANCH in the amount of  
TWO HUNDRED THOUSAND PESOS (P200,000.00)  
under ACCOUNT NO. 112803922410 in the name of  
NOEL M. DE OCA**

has been adjudicated and extrajudicially settled by and between their heirs in pro indivisa equal shares on June 15, 2021 at the City of Imus, Cavite before Notary Public Atty. Carlos Emmanuel C. Montoya and entered in his Notarial Register as Doc. No. 348, Page No. 69, Book No. IX, Series of 2021.

(Sig.) Atty. Bernard R. Paredes  
as Attorney-in-Fact of Both Heirs

Publication: DIYARYO KABITENYO  
Date: June 28, July 5 & 12, 2021

**REPUBLIC OF THE PHILIPPINES  
REGIONAL TRIAL COURT  
FOURTH JUDICIAL REGION  
Branch 21  
City of Imus, Cavite  
Tel. 646-471-2518  
Email:cm21@judiciary.gov.ph**

**Daeback Philippines, Inc.,  
Petitioner,  
Civil Case No. 7150-21  
For: Voluntary Liquidation and  
Insolvency**

**LIQUIDATION ORDER**

Before the Court is a Petition for Voluntary Liquidation and Insolvency filed by Daeback Philippines, Inc. represented by its Finance Director, Koo Hong Kang.

Petitioner is a domestic corporation engaged in the business of producing network and automotive multi-layer boards to support 5G network communications and autonomous vehicles, with principal office address at PEZA, Lot 1-11 Block 20, Phase 4, Main Avenue, Rosario, Cavite.

However, due to the onslaught of the Covid-19 Pandemic, it suffered business reverses due to low demand for automotive. The current assets totaling P187,644,034 is insufficient to meet the current liabilities of P652,701,959 and non-current liabilities of P164,344,912. Thus, the petitioner is unable to pay its liabilities as they fall due.

Petitioner was constrained to file this Petition not only due to financial reasons, but also due to the nature of work done by its employees requiring close proximity with one another, thus increasing the possibility of virus transmission.

After reviewing the allegations in the petition as well as the documents attached thereto and finding the same to be sufficient in form and substance in accordance with the provisions of Section 1, Rule 2(A) of A.M. 15-04-06-SC, the Court GRANTS the petition and hereby issues this Liquidation Order which:

1. Declares Daeback Philippines, Inc. as insolvent;
2. Declares Daeback Philippines, Inc. as dissolved;
3. Orders the filer to take possession and control of all the property of Daeback Philippines, Inc., except those that may be exempt from execution;
4. Orders the publication of this Liquidation Order, together with the petition, in a newspaper of general circulation in the Philippines once a week for two (2) consecutive weeks;
5. Directs payment of any claims and conveyance of any property due Daeback Philippines, Inc. to the liquidator;
6. Prohibits payments and the transfer of any property by Daeback Philippines, Inc.;
7. Directs all creditors to file their claims with the liquidator not later than five (5) days from the time the liquidator takes his oath of office, furnishing a copy thereof to the Court;
8. Authorizes the payment of administrative expenses as they become due;
9. Requires the debtor and the creditors who are not petitioner Daeback Philippines, Inc. to submit the names of other nominees to the position of liquidator;
10. Sets the case for hearing for the election and appointment of the liquidator, which shall not be less than thirty (30) days nor more than forty (45) days from the date of the last publication.

The petitioner is hereby ordered to submit to the Court its Compliance with respect to the publication of this Liquidation Order. So as the case will not be lost in the Court's docket, monitor the Compliance on August 16, 2021 at 9:30 am.

Considering that there are some creditors situated abroad,

the petitioner is directed to comply with the Guidelines on the Implementation of the Hague Service Convention in the Service Abroad of Judicial Documents in Civil and Commercial Matters and to file the proper motion and payment of fees for the extrajudicial service.

**SO ORDERED.**

City of Imus, Cavite, October 13, 2020.

(Sig.) ROCILLE S. AQUINO-TAMBASACAN  
Presiding Judge

Publication: DIYARYO KABITENYO  
Date: July 5 & 12, 2021

**How a COVID-19 infection changes blood cells in the long run**

Using real-time deformability cytometry, researchers at the Max-Planck-Zentrum für Physik und Medizin in Erlangen were able to show for the first time: Covid-19 significantly changes the size and stiffness of red and white blood cells – sometimes over months. These results may help to explain why some affected people continue to complain of symptoms long after an infection (long Covid).

Shortness of breath, fatigue and headaches: some patients still struggle with the long-term effects of a severe infection by the SARS-CoV-2 coronavirus after six months or more. This post Covid-19 syndrome, also called long covid, is still not properly under-

stood. What is clear is that – during the course of the disease – often blood circulation is impaired, dangerous vascular occlusions can occur and oxygen transport is limited. These are all phenomena in which the blood cells and their physical properties play a key role.

To investigate this aspect, a team of scientists led by Markéta Kubánková, Jochen Guck, and Martin Kräter from the Max-Planck-Zentrum für Physik und Medizin, the Max Planck Institute for the Science of Light (MPL), the Friedrich Alexander University Erlangen-Nuremberg and the German Centre for Immunotherapy measured the mechanical states of red and white blood cells.



REPUBLIC OF THE PHILIPPINES  
REGIONAL TRIAL COURT  
FOURTH JUDICIAL REGION  
BRANCH 19  
CITY OF BACOR

IN RE: PETITION FOR JUDICIAL  
RECONSTITUTION OF THE OWNER'S  
COPY OF TRANSFER CERTIFICATE OF  
TITLE NO. 057-T-44190,  
LIC 8843-2028-24

PATERNO C. REVILLA,  
Represented by  
Sheila Marie O. Queday,  
Petitioner.

AMENDED  
NOTICE OF HEARING

NOTICE IS HEREBY GIVEN THAT said petition has been set for hearing on August 27, 2021 at 8:30 in the morning, in this Court, on which date and hour and place, any person interested is cited to appear and show cause why the same should not be granted.

Let this Notice be published once a week for three (3) consecutive weeks in a newspaper of general circulation in the Cities and Province of Cavite.

Let a copy of this Notice and that of the Petition be furnished the Office of the Solicitor General, Makati City and the Register of Deeds of Bacoor, Cavite and be posted by the Sheriff of this Court in three (3) conspicuous places in Bacoor City where the property is located.

WITNESS THE HONORABLE ARNEL G. ESPIRITU,  
Assisting Judge of this Court this 28th day of May 2021 at Bacoor City, Cavite.

(Sgt.) ROSELLE ANNE B. CATIPAY  
Assisting Branch Clerk of Court

Copy Furnished

ATTY. JOSELYN BONNIE V. VALEROS  
42 Gayahens St., Wood Estate Village,  
Molino 1, Bacoor City, Cavite

SHEILA MARIE O. QUEDAY  
8B 14 Lot 8 Danara St., BF E1 Grande Homes  
Subdivision, Molino 6, Bacoor, Cavite

APP DOROTHY GRACE R. VILLAPANDO-MANUEL  
Assistant Provincial Prosecutor  
Hall of Justice, Bacoor, Cavite

REGISTRY OF DEEDS  
Bacoor City, Cavite

REGISTRY OF BEEDS  
Trece Martires, Cavite

OFFICE OF THE SOLICITOR GENERAL  
#134 Amoranto Bl., Legaspi Village, Makati City  
csl@doj.gov.ph

Publication: DIYARYO KABITENYO  
Date: July 5, 12 & 19, 2021

No guy has a magic.  
Magic is in the heart of the girl loving  
the guy who can send her whole be-  
ing up in 'Cloud Nine' even with the  
mere touch on her fingertips.  
-Arnold S. Barco

Republic of the Philippines  
MUNICIPAL CIVIL REGISTRAR OFFICE  
MUNICIPALITY OF TAGAY  
Province of Cavite

Publication Notice  
R.A. 10172

NOTICE TO THE PUBLIC

Date: July 01, 2021

CCB-0823-2021

In compliance with the publication requirement and pursuant to OCRG Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1, Series of 2012 (IRR on R.A. 10172), Notice is hereby served to the public that ARGIE S. FELICIANO has filed with this Office, a petition for CORRECTION OF ENTRY IN SEX from "MALE" to "FEMALE", in the Certificate of Live Birth of one ARGIE SORIANO FELICIANO, who was born on 06 OCTOBER 2000 at Ilogan, Ternos, Cavite of parents Ariel A. Feliciano & Gerlie Y. Soriano

Any person adversely affected by said petition may file his/her written opposition with this Office not later than July 19, 2021

(Sgt.) MA. THERESA J. CESA  
Municipal Civil Registrar

DIYARYO KABITENYO - July 5 & 12, 2021

### Reported cases of myocarditis in younger men following COVID-19 vaccination are rare

Mayo Clinic researchers are taking a close look at rare cases of inflammation of the heart muscle, or myocarditis, in young men who developed symptoms shortly after receiving the second dose of the Moderna or Pfizer messenger RNA (mRNA) COVID-19 vaccines. Several recent studies suggest that health care professionals should watch for hypersensitivity myocarditis as a rare adverse reaction to being vaccinated for COVID-19. However, researchers stress that this awareness should not diminish overall confidence in vaccination during the current pandemic.

While reports of post-vaccine myocarditis in some areas are higher than baseline, the imminent and greater risk for heart damage and death continues to be from becoming infected with COVID-19. Up to 60% of people who are seriously ill with COVID-19 experience injury to their heart, and nearly 1% of fit athletes who had a mild COVID-19 infection show myocarditis on an MRI.

Republic of the Philippines  
Province of Cavite  
OFFICE OF THE CITY CIVIL REGISTRAR  
Trece Martires City

NOTICE FOR PUBLICATION

In compliance with Section 7 of Republic Act No. 9048, a notice is hereby served to the public that ROYENA JOY M. CORDERO has filed with this office a PETITION FOR CHANGE OF FIRST NAME from "REIKILL ACE" to "REIKILL AIZEN" in the Certificate of Live Birth of REIKILL ACE M. CORDERO who was born on MAY 31, 2018 at Trece Martires City, Cavite and whose parents are ROYENA JOY F. MACALALAD and RANDY M. CORDERO.

Any person adversely affected by said petition may file his/her written opposition with this office not later than July 19, 2021.

(Sgt.) MAXIMO JR. L. LONTOC  
City Civil Registrar

DIYARYO KABITENYO - July 5 & 12, 2021

EXTRAJUDICIAL SETTLEMENT OF ESTATE OF THE DECEASED  
NORMITO PAYSAREN ESPINELLI

NOTICE is hereby given that the estate of the deceased NORMITO PAYSAREN ESPINELLI who died intestate at Imus City, Cavite on August 9, 2020, consisting of a bank account with the Bank of the Philippine Islands (BPI) Account No. 008423-1096-97 with a balance of Php1,306,873.03 as of December 14, 2020 has been adjudicated and extrajudicially settled by and among his heirs in the name of the surviving spouse, LUCITA M. ESPINELLI, solely and exclusively, with the rest of the heirs waiving all their rights and interests in favor of said adjudicator, and for and in consideration of the said withdrawal/release/transfer of said fund, the heirs above-mentioned, hereby expressly and absolutely renounce, release and forever discharge the BPI, its administrators and assigns and/or any of its officers or employees from any and all claims, suits, actions or causes of action which they, their successors or assigns now have, or in the future may have against the said Bank, its administrators and assigns and/or its officers or employees for any loss or damage which they may sustain arising out of any claim, suit or proceedings initiated by any third person or entity whether private or governmental including, but not limited, to claims by excluded heirs or tax claims by the government on April 16, 2021 at Imus City, Cavite before Notary Public Atty. Carlos Emmanuel C. Montoya and entered in his Notarial Register at Doc. No. 450, Page No. 90, Book No. VI, Series of 2021.

(Sgt.) All Heirs

Publication: DIYARYO KABITENYO  
Date: July 5, 12 & 19, 2021

**EXTRAJUDICIAL SETTLEMENT OF ESTATE  
OF THE DECEASED SPOUSES  
CECILIA LAPIDARIO LASQUETE AND  
ALBERTO ZARAGOZA LASQUETE**

NOTICE is hereby given that the estate of the deceased **CECILIA LAPIDARIO LASQUETE and ALBERTO ZARAGOZA LASQUETE** who both died intestate on February 28, 2012 and on July 3, 2001, both at Imus, Cavite, respectively, consisting of the following described real properties (ONE-FIFTH (21) UNDIVIDED SHARE):

**REAL PROPERTIES:**

**1. TCT NO. T-298233-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaang Luma, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED FIFTY TWO (252) SQUARE METERS, more or less.

**2. TCT NO. T-298234-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaang Luma, Mun. of Imus, Prov. of Cavite, containing an area of THREE HUNDRED EIGHTEEN SQUARE METERS AND FIFTY SQUARE DECIMETERS (318.50), more or less.

**3. TCT NO. T-298235-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaang Luma, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED NINETY NINE (299) SQUARE METERS, more or less.

**4. TCT NO. T-298236-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaang Luma, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED THIRTY FOUR (234) SQUARE METERS, more or less.

**5. TCT NO. T-298239-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Municipality of Imus, Province of Cavite, Island of Luzon containing an area of TWO HUNDRED EIGHTEEN SQUARE METERS (218), more or less  
**BUILDING - 1 STOREY - TAX DECLARATION NO. 09-0001-08363.**

**6. TCT NO. T-298240-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaang Luma, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED SEVENTY THREE (273) SQUARE METERS, more or less.

**7. TCT NO. T-298241-Registry of Deeds for Province of Cavite**

A parcel of land, situated in the Bn. of Tanzaang Luma, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED EIGHTY THREE (283) SQUARE METERS, more or less.

**8. TCT NO. T-298243-Registry of Deeds for Province of Cavite**

Lot No. 5091, of the Imus Estate Subdivision, Province of Cavite, Case No. 3843 of the Court of Land Registration, containing an area of ONE HUNDRED NINETY ONE (191) SQUARE METERS, more or less.

**9. TCT NO. T-226892-Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Poblacon, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED SIXTEEN (216) SQ. METERS

has been adjudicated and extrajudicially settled by and between these heirs in jure and in vivo equal share on June 7, 2021 at the City of Imus, Cavite before Notary Public Atty. Carlos Emmanuel C. Mantuya and entered in his Notarial Register as Doc. No. 87, Page No. 18, Book No. IX, Series of 2021.

(Sgd.) Both Heirs

Publication - DIARYO KABITENYO  
Dates - July 5, 12 & 19, 2021

## Researchers identify muscle proteins whose quantity is reduced in type 2 diabetes

Globally, more than 400 million people have diabetes, most of them suffering from type 2 diabetes.

Before the onset of actual type 2 diabetes, people are often diagnosed with abnormalities in glucose metabo-

lism that are milder than those associated with diabetes. The term used to indicate such cases is prediabetes. Roughly 5-10% of people with prediabetes develop type 2 diabetes within a year-long follow-up.

Insulin resistance in

muscle tissue is one of the earliest metabolic abnormalities detected in individuals who are developing type 2 diabetes, and the phenomenon is already seen in prediabetes.

In a collaborative study, researchers from

the University of Helsinki, the Helsinki University Hospital and the Minerva Foundation Institute for Medical Research investigated the link between skeletal muscle proteome and type 2 diabetes.

In the study, the pro-

tein composition of the thigh muscle was surveyed in men whose glucose tolerance varied from normal to that associated with prediabetes and type 2 diabetes. A total of 148 muscle samples were analysed.

The results were published in the iScience journal.

"Our study is the broadest report on human muscle proteomes so far. The findings confirm earlier observations that have exposed abnormalities in muscle mitochondria in connection with type 2 diabetes," says Do-

cent Heikki Koistinen from the University of Helsinki, Helsinki University Hospital and Minerva Foundation Institute for Medical Research, who headed the study.

The researchers utilised mass spectrometry, enabling them to identify over 2,000 muscle proteins.

According to the findings, the quantity of dozens of proteins

had already changed in prediabetic study subjects.

The greatest changes were observed in connection with type 2 diabetes, where the quantity of more than 400 proteins had primarily dropped. Most of these proteins were associated with mitochondrial energy metabolism.

In fact, the results highlight the significance of mitochondria when prediabetes is progressing toward type 2 diabetes.

"We found that the levels of mitochondrial muscle proteins are clearly reduced already in prediabetes," Koistinen notes.

The researchers also observed abnormalities, both in conjunction with prediabetes and type 2 diabetes, in the concentration of a range of phosphoproteins, which affect metabolism and muscle function.

The researchers believe their new observations have multiple uses, including in the search for new drug targets.



**EXTRAJUDICIAL SETTLEMENT OF ESTATE OF THE DECEASED MARIO VILETA LAPIDARIO**

NOTICE is hereby given that the estate of the deceased **MARIO VILETA LAPIDARIO** who died intestate at Bacoor, Cavite on December 12, 2010, consisting of ONE-FIFTH (1/5) UNDIVIDED SHARE over the following described real properties:

**1. TCT NO. T-298233 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaug Lama, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED FIFTY TWO (252) SQUARE METERS, more or less.

**2. TCT NO. T-298234 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaug Lama, Mun. of Imus, Prov. of Cavite, containing an area of THREE HUNDRED EIGHTEEN SQUARE METERS & FIFTY SQUARE METERS & FIFTY SQUARE DECIMITERS (318.50), more or less.

**3. TCT NO. T-298235 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaug Lama, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED NINETY NINE (299) SQUARE METERS, more or less.

**4. TCT NO. T-298236 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaug Lama, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED THIRTY FOUR (234) SQUARE METERS, more or less.

**5. TCT NO. T-298239 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Municipality of Imus, Province of Cavite, containing an area of TWO HUNDRED EIGHTEEN SQUARE METERS (218), more or less.

**BUILDING - 1 STOREY - TAX DECLARATION NO. 09-001-0036)**

**6. TCT NO. T-298240 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaug Lama, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED SEVENTY THREE (273) SQUARE METERS, more or less.

**7. TCT NO. T-298241 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Tanzaug Lama, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED EIGHTY THREE (283) SQUARE METERS, more or less.

**8. TCT NO. T-298243 - Registry of Deeds for Province of Cavite**

Lot No. 3001 of the Imus Estate Subdivision Project of Cavite, Case No. 8943 of the Court of Land Registration, containing an area of ONE HUNDRED NINETY ONE (191) SQUARE METERS, more or less.

**HOUSE - 2 STOREY - TAX DECLARATION NO. 09-001-0036)**

**9. TCT NO. T-238092 - Registry of Deeds for Province of Cavite**

A parcel of land situated in the Bn. of Poblacion, Mun. of Imus, Prov. of Cavite, containing an area of TWO HUNDRED SIXTEEN (216) SQ. METERS

has been adjudicated and extrajudicially settled by and between his heirs in the name of **MARICAR G. LAPIDARIO**, solely and exclusively, with **Carmonita de Guzman Lapidario** waiving all her rights, interests in favor of said adjudicator on June 7, 2021 at the City of Imus, Cavite before Notary Public Atty. Carlos Emmanuel C. Montoya and entered in his Notarial Register as Doc. No. 85; Page No. 18; Book No. 18, Series of 2021.

(Sgd.) Both Heirs

Publication : DIYARYO KABITENYO  
Dates : July 5, 12 & 19, 2021

**DEED OF SOLE ADJUDICATION OF ESTATE OF THE LATE VICTOR MARTINEZ BUENAVENTURA**

NOTICE is hereby given that the estate of the late **VICTOR MARTINEZ BUENAVENTURA** who died single and intestate in Imus City, Cavite on April 9, 2011, consisting of the following bank accounts with the Philippine National Bank (PNB)-Imus BR, Gen. Aguinaldo Highway, Imus City, Cavite, to-wit:

Savings Account No. 34318152652 with a balance of **P301,161.90** as of March 31, 2021.

Saving Account No. 34310152661 with a balance of **P80,381.89** as of March 31, 2021.

has been adjudicated and extrajudicially settled by his compulsory surviving legal heir **and herself** the above-named persons estate of the deceased, and for and in consideration of the said withdrawal/sums, hereby expressly and absolutely assign, release and forever discharge the Philippine National Bank (PNB), its administrators and assigns and/or any of its officers or employees from any and all claims, suits, actions or causes of action which, the successors or assigns, now have, or in the future may have against the said Bank in connection with said deposits and hereby further obligate to indemnify the said Bank, its administrators and assigns arising out of any claim, suit or proceedings initiated by any third person or excluded heirs or tax claims by the government on June 24, 2021 at the City of Imus, Cavite before Notary Public Atty. Carlos Emmanuel C. Montoya and entered in his Notarial Register as Doc. No. 27, Page No. 6; Book No. X; Series of 2021.

(Sgd.) Sole Heir

Publication : DIYARYO KABITENYO  
Dates : July 5, 12 & 19, 2021

**EXTRAJUDICIAL SETTLEMENT OF ESTATE OF THE DECEASED REYNALDO SANTIAGO CATAULIN**

NOTICE is hereby given that the estate of the deceased **REYNALDO SANTIAGO CATAULIN** who died intestate in Imus City, Cavite on July 31, 2020, consisting of his one-half (1/2) conjugual share over a parcel of land with improvements located therein sit. in the Bn. of Sibang, Crossing City of Tag. Covered by Transfer Certificate of Title No. T-81872 of the Registry of Deeds for Taguig City, containing an area of ONE HUNDRED EIGHTY (180) SQ. M. has been adjudicated and extrajudicially settled by and among his heirs with waiver of rights and interests in favor of **LOIDA B. CATAULIN** on June 29, 2021 at the City of Imus, Cavite before Notary Public Atty. Carlos Emmanuel C. Montoya and entered in his Notarial Register as Doc. No. 180; Page No. 38; Book No. X; Series of 2021.

(Sgd.) All Heirs

Publication : DIYARYO KABITENYO  
Dates : July 5, 12 & 19, 2021

# Drug relieves persistent daydreaming, fatigue, and brain sluggishness in adults with ADHD

Tests of a drug persistent dreami- known to stimulate ness, fatigue, and brain activity have slow-working speed, shown early success sluggish cognitive in reducing symptoms tempo has been a sub- of sluggish cognitive ject of debate over tempo in 38 men and whether it is part of, or women with attention separate from, ADHD. deficit hyperactivity Researchers at NYU disorder (ADHD.) Grossman School of Medicine and Icahn School of Medicine

at Mount Sinai who led the study say the stimulant lisdexam- fetamine (sold as Vy-vanse) reduced by 30 percent self-reported symptoms of sluggish cognitive tempo. It also lowered by over 40 percent symptoms of ADHD and significantly corrected defi-

cits in executive brain function, with fewer episodes of procrastination, improvements in keeping things in mind, and strengthened prioritization skills. Publishing in the Journal of Clinical Psychiatry online June 29, the study also showed that one-quarter of the ble staying alert, and overall improvements signs of confusion, in sluggish cognitive were due to improve- tempo, such as feel- ments in symptoms of ings of boredom, trou- ADHD.

# 'Unlocking' the potential of viruses to fight cancer

Researchers from the Laboratory of Oncolytic-Virus-Immuno-Therapeutics (LOVIT) at the LIH Department of Oncology (DONC) are working on the development of novel anticancer strategies based on oncolytic viruses, "good" viruses that can specifically infect, replicate in and kill cancer cells. In particular, the LOVIT team elucidated the mechanism through which the H-IPV cancer-destroying virus can attach to and enter cancer cells, thereby causing their lysis and death. At the heart of this process are laminins, and specifically laminin  $\gamma 1$ , a family of proteins on the surface of a cancer cell to which this virus binds, and which therefore act as the 'door' through which the virus enters the cells. The findings, which were published in *Nature Communications*, carry significant implications for the advancement of virus-based anticancer strategies and for the prediction of a patient's response to this innovative therapeutic approach.

Oncolytic viruses, such as the rat virus H-IPV, have the ability to selectively infect and kill tumour cells, inducing their lysis and stimulating an anticancer immune response, without however harming normal healthy tissues. Despite their notable clinical potential, their use as a standalone treatment does not currently result in complete tumour regression, mainly due to the varying degree of patient sensitivity and responsiveness. It is therefore important to be able to identify

patients whose tumours display genetic characteristics that make them vulnerable to the virus and who are thus most likely to benefit from this novel anticancer therapy.

"In this context, we sought to elucidate the features of host cancer cells that enable oncolytic viruses to effectively infect and destroy them, focusing specifically on the factors required for cell attachment and entry," says Dr Antonio Marchini, leader of LOVIT and corresponding author of the publication.

Using a technique known as RNA interference, the research team progressively 'switched off' close to 7,000 genes of cervical carcinoma cells to detect those that negatively or positively modulate the infectious

capacity of H-IPV. They thus identified 151 genes and their resulting proteins as activators and 89 as repressors of the ability of H-IPV to infect and destroy cancer cells.

The team specifically looked at those genes that coded for proteins localised on the cell surface, in order to characterise their role in determining virus docking and entry. They found that a family of proteins called laminins, and particularly laminin  $\gamma 1$ , play a crucial role in mediating cell attachment and penetration. Indeed, deactivating the corresponding LAMC1 gene in glioma, cervical, pancreatic, colorectal and lung carcinoma cells resulted in a significant reduction in virus cell binding and uptake, and in increased cancer cell resistance

to virus-induced death. A similar effect was observed when switching off the LAMB1 gene encoding the laminin  $\beta 1$  protein.

"Essentially, laminins at the surface of the cancer cell are the 'door' that allows the virus to recognise its target, attach itself and penetrate into it, subsequently leading to its destruction. In particular, the virus interacts with a specific portion of the laminin, a sugar called sialic acid, which is essential for this binding and entry process and for infection," explains Dr Amit Kulkarni, first author of the publication.

The team went a step further and sought to assess the clinical implications of their findings for cancer patients. They found that laminins  $\gamma 1$  and  $\beta 1$  are differentially

expressed across different tumours, being for instance overexpressed in pancreatic carcinoma and glioblastoma (GBM) cells compared to healthy tissues. Moreover, in brain tumours, their expression increases with tumour grade, with late-stage GBM displaying higher laminin levels than lower grade gliomas. Similarly, based on the analysis of 110 biopsies from both primary and recurrent GBM, the researchers reported significantly higher levels of laminins in recurrent GBM compared to primary tumours.

"These observations indicate that elevated laminin expression is associated with poor patient prognosis and survival in a variety of tumours, including gliomas and glioblastomas.



# This 5,000-year-old man had the earliest known strain of plague

The oldest strain of *Yersinia pestis* — the bacteria behind the plague that caused the Black Death, which may have killed as much as half of Europe's population in the 1300s — has been found in the remains of a 5,000-year-old hunter-gatherer. A genetic analysis publishing June 29 in the journal *Cell Reports* reveals that this ancient strain was likely less contagious and not as deadly as its medieval version.

"What's most astonishing is that we can push back the appearance of *Y. pestis* 2,000 years farther than previously published studies suggested," says senior author Ben Krause-Kyora, head of the aDNA Laboratory at the University of Kiel

in Germany. "It seems that we are really close to the origin of the bacteria."

The plague-carrying hunter-gatherer was a 20- to 30-year old man called "RV 2039." He was one of two people whose skeletons were excavated in the late 1800s in a region called Rinnukalns in present-day Latvia. Soon after, the remains of both vanished until 2011, when they reappeared as part of German anthropologist Rudolph Virchow's collection. After this re-discovery, two more burials were uncovered from the site for a total of four specimens, likely from the same group of hunter-fisher-gatherers.

Krause-Kyora and his team used samples from the teeth and bone

of all four hunter-gatherers to sequence their genomes and then tested them for bacterial and viral pathogens. They were surprised to find evidence of *Y. pestis* in RV 2039 — and after reconstructing the bacteria's genome and comparing it to other ancient strains, the researchers determined that the *Y. pestis* RV 2039 carried was indeed the oldest strain ever discovered. It was likely part of a lineage that emerged about 7,000 years ago, only a few hundred years after *Y. pestis* split from its predecessor, *Yersinia pseudotuberculosis*.

"What's so surprising is that we see already in this early strain more or less the complete genetic set of *Y. pestis*, and only a few genes

are lacking. But even a small shift in genetic settings can have a dramatic influence on virulence," says Krause-Kyora.

In particular, this ancient strain lacked one crucial thing: the gene that first let fleas act as vectors to spread the plague. This gene was responsible for efficient transmission of the bacterium to human hosts, which resulted in the growth of the infamously grotesque pus-filled buboes in the sick associated with the medieval bubonic plague. Flea-based transmission also required the death of the human host, which means that the appearance of the gene could have driven the evolution of a deadlier disease.

From RV 2039, it

likely took more than a thousand years for *Y. pestis* to acquire all the mutations needed for flea-based transmission. And it's not clear to what extent RV 2039 experienced the effects of the plague at all.

*Y. pestis* was found in his bloodstream, meaning he most likely died from the bacterial infection — although, the researchers think the course of the disease might have been fairly slow. They observed that he had a high number of bacteria in his bloodstream at his time of death, and in previous rodent studies, a high bacterial load of *Y. pestis* has been associated with less aggressive infections. Additionally, the people he was buried near were not infected and RV 2039

was carefully buried in his grave, which the authors say also makes a highly contagious respiratory version of the plague less likely.

Instead, this 5,000-year-old strain likely was transmitted directly via a bite from an infected rodent and probably didn't spread beyond the infected person. "Isolated cases of transmission from animals to people could explain the different social environments where these ancient diseased humans are discovered. We see it in societies that are herders in the steppe, hunter-gatherers who are fishing, and in farmer communities — totally different social settings but always spontaneous occurrence of *Y. pestis* cases," says Krause-Kyora.

## A promising new pathway to treating type 2 diabetes

This year marks the 100th anniversary of the discovery of insulin, a scientific breakthrough that transformed Type 1 diabetes, once known as juvenile diabetes or insulin-dependent diabetes, from a terminal disease into a manageable condition.

Today, Type 2 diabetes is 24 times more prevalent than Type 1. The rise in rates of obesity and incidence of Type 2 diabetes are related and require new approaches, according to University of Arizona researchers, who believe the liver may hold the key to innovative new

treatments. "All current therapies for Type 2 diabetes primarily aim to decrease blood glucose. So, they are treating a symptom, much like treating the flu by decreasing the fever," said Benjamin Renquist, an associate professor in the UA Arizona College of Agriculture and Life Sciences and BIOS Institute member. "We need another breakthrough."

In two newly published papers in Cell Reports, Renquist, along with researchers from Washington University in St. Louis, the University of Pennsylvania and Northwest-

ern University, outline a new target for Type 2 diabetes treatment.

Renquist, whose research lab aims to address obesity-related diseases, has spent the last nine years working to better understand the correlation between obesity, fatty liver disease and diabetes, particularly how the liver affects insulin sensitivity.

"Obesity is known to be a cause of Type 2 diabetes and, for a long time, we have known that the amount of fat in the liver increases with obesity," Renquist said.

"As fat increases in the liver, the incidence of diabetes increases."

## Secretin hormone induces satiation by activating brown fat

Combining structural biology and computation, a Duke-led team of researchers has identified how multiple mutations on the SARS-CoV-2 spike protein independently create variants that are more transmissible and potentially resistant to antibodies.

By acquiring mutations on the spike protein, one such variant gained the ability to leap from humans to minks and back to humans. Other variants — including Alpha, which first appeared in the United Kingdom, Beta, which appeared in South Africa, and Gamma, first identified in Brazil — independently developed spike mutations that enhanced their ability to spread rapidly in human populations and resist some antibodies.

The researchers published their findings in Science.

"The spike on the surface of the virus helps SARS-CoV-2 enter into host cells," said senior author Priyamvada Acharya, Ph.D., director of the Division of Structural Biology at the Duke Human Vaccine Institute.

"Changes on the spike protein determine transmissibility of the virus — how far and quickly it spreads," Acharya said. "Some variations of the SARS-CoV-2 spike are occurring at different times and different places throughout the world, but have similar results, and it's important to understand the mechanics of these spike mutations as we work to fight this pandemic."

Acharya and colleagues — including first author Sophie Gobeil, Ph.D., and co-corresponding author Rory Henderson, Ph.D. — developed structural models to identify changes in the virus's spike

protein. Cryo-electron microscopy allowed atomic level visualization, while binding assays enabled the team to create mimics of the live virus that directly correlated with its function in host cells. From there, the team used computational analysis to build models that showed the structural mechanisms at work.

"By building a skeleton of the spike, we could see how the spike is moving, and how this movement changes with mutations," Henderson said. "The different variant spikes are not moving the same way, but they accomplish the same task. "The different variant spikes are not moving the same way, but they accomplish the same task. The variants first appearing in South Africa and Brazil use one mechanism, while the UK and the mink variants use another mechanism."