

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

Proverbs 18:10

# DIYARYO KABITENYO

Nagmamalasakit sa lalawigan

Vol. 22 No. 18

June 10-15, 2019

P. 10.00

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

1 Corinthians 16:13

## Villar to lead 121st Independence Day rites, activities lined up

**KAWIT, Cavite** – Senator Cynthia A. Villar will lead this year's Independence Day celebration at the General Emilio F. Aguinaldo Shrine in Barangay Kaingin here on June 12.

Organizers said the theme for this year's celebration is "Kalayaan 2019: Pagbahagong Ipinaglaban, Alay sa Masaganang Kinabukasan".

Villar is scheduled to simultaneously lead the wreath-laying ceremony at the tomb of the country's first president, Gen. Aguinaldo, located at the back of the mansion and flag-raising at the balcony at 8 a.m.

Aside from Villar, Cavite Governor and Cavite 7th

District Congressman-elect Jesus Crispin "Boying" Remulla and Kwent Mayor Angelo Emilio G. Aguinaldo, Cavite 1st District Rep-

resentative Boy Blue Aguinaldo Abaya and other descendants of Aguinaldo will be gracing the event marking the country's

emancipation from foreign bondage. A civic parade with marching bands joined by sectoral groups will start from

Barangay Santa Isabel at 5:30 in the morning up to the alley fronting Aguinaldo Park. A Trade and Job fair will also take place

in the morning at the Freedom Park while cultural presentations and other historical activities are set at 4 p.m. at the Shrine.

## GenTri inaugurates new Fire Department building



**GENERAL TRIAS CITY, Cavite** – The local government of this town led by Mayor Antonio "Ony" Ferrer turned over to officials of the Bureau of Fire Protection (BFP)

last June 3 the newly constructed 2-storey Gen. Trias Fire Department Building at South Square, Pasong Kawayan II.

The more spacious

facility will headquarters the 21 organic Fire Offices as well as 15 local firemen under the supervision of Fire Major Hazel Dela Cruz, Chief of GenTri BFP.

GenTri Fire Dept. standby.

now has three fire stations in the city, one in City Plaza, one in Manggahan and here in South Square, with three fire trucks on

The new fire station has resting quarters for firemen, a fire truck garage and CCTV monitor control office.

# DIYARYO KABITENYO

1898, 1921, 2013

ARNULFO BABCO

Publisher - Editor

GENER BABCO

Operations Manager

DIYARYO KABITENYO is published weekly and circulated throughout the province of Cebu, 11 by its editorial and business offices at 401 ANSELUO, UNIT, CEBU. It is registered at the Department of Trade and Industry-Region 6, P.O. Box 70554. Our registration number is 89170688-9.

Subscription Rate:	Advertising Rate:
1 month - P. 40.00	Continental - P. 200.00 per copy
3 months - 100.00	Local - 100.00 per copy
6 months - 240.00	
One year - 400.00	

Published by the

## Papi

Publishers Association of the Philippines, Inc.

## Teens sleep longer, are more alert for homework when school starts later

Preliminary findings from a new study of middle school and high school students suggest that they get more sleep and were less likely to feel too sleepy to do homework after their district changed to later school start times.

In fall 2017, the Cherry Creek School District in Greenwood Village, Colorado, delayed school start times for middle school by 50 minutes (changing from 8 a.m. to 8:30 a.m.) and for high school by 70 minutes (changing from

7:10 a.m. to 8:20 a.m.). Results show that one year after the change, self-reported sleep on school nights was 31 minutes longer among middle school students and 48 minutes longer among high school students.

"Biological changes in the circadian rhythm, or internal clock, during puberty prevent teens from falling asleep early enough to get sufficient sleep when faced with early school start times," said principal investigator Lisa I. Meitner, Ph.D.

## How old are your organs? To scientists' surprise, organs are a mix of young and old cells

Scientists once thought that neurons, or possibly heart cells, were the oldest cells in the body. Now, Salk Institute researchers have discovered that the mouse brain, liver and pancreas contain populations of cells and proteins with extremely long lifespans — some as old as neurons. The findings, demonstrating "age mosaicism," were published in *Cell Metabolism* on June 6, 2019. The team's methods could be applied to nearly any tissue in the body to provide valuable information about lifelong function of non-dividing cells and how cells lose control over the quality and integrity of proteins and important cell structures during aging.

"We were quite surprised to find cells

essentially as old as the organism they reside in," says Salk Vice President, Chief Science Officer Martin Hetzer, senior author and professor. "This suggests even greater cellular complexity than we previously imagined and has intriguing implications for how we think about the aging of organs, such as the brain, heart and pancreas."

Most neurons in the brain do not divide during adulthood and thus experience a long lifespan and age-related decline. Yet, largely due to technical limitations, the lifespan of cells outside of the brain was difficult to determine.

"Biologists have asked — how old are cells in an organism? There is this general idea that neurons are old, while

other cells in the body are relatively young and regenerate throughout the organism's lifetime," says Rafael Arrojo e Drigo, first author and Salk staff scientist. "We set out to see if it was possible that certain organs also have cells that were as long-lived as neurons in the brain."

Since the researchers knew that most neurons are not replaced during the lifespan, they

used them as an "age baseline" to compare other non-dividing cells. The team combined electron isotope labeling with a hybrid imaging method (MIMS-EM) to visualize and quantify cell and protein age and turnover in the brain, pancreas and liver in young and old rodent models.

To validate their method, the scientists

first determined the age of the neurons, and found that — as suspected — they were as old as the organism. Yet, surprisingly, the cells that line blood vessels, called endothelial cells, were also as old as neurons. This means that some non-neuronal cells do not replicate or replace themselves throughout the lifespan.

The pancreas, an organ responsible for maintaining blood sugar levels and secreting digestive enzymes, also showed cells of varying ages. A small portion of the pancreas, known as the islets of Langerhans, appeared to the researchers as a puzzle of interconnected young and old cells. Some beta cells, which release insulin, replicated throughout the lifetime and were relatively young.

Republic of the Philippines  
OFFICE OF THE CITY  
CIVIL REGISTRAR  
City of General Trias, Cavite  
(046) 583-8014

**NOTICE OF PUBLICATION**

In compliance with Section 5 of R.A. 9048, notice is hereby served to the public that **ZENaida FERNANDEZ RAMOS** has filed with this Office a petition for Change of First Name from **LALITA W. ZENaida** in the birth certificate of **LALITA LUMIO FERNANDEZ** who was born on 18 November 1979 at General Trias, Cavite and whose parents are **Aracelis Fernandez and Amelita Lumio**.

Any person adversely affected by said petition may file his/her written opposition to this Office not later than **June 18, 2019**.

(Sgt.) **ARLENE E. BUGTONG**  
City Civil Registrar

DIVAYO KABITENYO - May 27 and June 3, 2019

Republic of the Philippines  
OFFICE OF THE CITY  
CIVIL REGISTRAR  
General Trias, Cavite  
(046) 583-8014

Publication Notice  
R.A. 10172

**NOTICE TO THE PUBLIC**

Due: May 8, 2019

CCE-0025-2019 (RA 10172)

In compliance with the publication requirement and pursuant to OCRG Memorandum Circular No. **1001** Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (ORL on R.A. 10172), Notice is hereby served to the public that **FLORIZA CLAUD HERRAS** has filed with this Office a petition for correction of entry in sex (OCRO Copy) from "**MALE**" to "**FEMALE**" in the Certificate of Live Birth of **JANLEY HERRAS PANAGNASAGAN** at General Trias, Cavite and whose parents are **Aracelis G. Panagwasagan and Floriza C. HERRAS**.

Any person adversely affected by said petition may file his/her written opposition to this Office not later than **June 19, 2019**.

(Sgt.) **ARLENE E. BUGTONG**  
City Civil Registrar

DIVAYO KABITENYO - May 27 and June 3, 2019

Republic of the Philippines  
City Civil Registry Office  
Province of Cavite  
City of Isabela

**NOTICE OF PUBLICATION**

In compliance with section 5 of R.A. 9048, a notice is hereby served to the public that **MELENE C. LARSA** has filed with this Office a petition for change of first name from **MARILENE W. SYLLENE** in the birth certificate of **MARILENE PASCO CAMANA** who was born on **February 18, 1958** at **Isabela, Cavite** and whose parents are **MIGUELITO T. CAMANA and TEODORICA C. PASCO**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 17, 2019**.

(Sgt.) **VIOLETA P. BAREZ**  
City Civil Registrar I

DIVAYO KABITENYO - June 3 & 10, 2019

Republic of the Philippines  
Province of Cavite  
Municipality of Noveleta

**OFFICE OF THE LOCAL CIVIL REGISTRAR**

**NOTICE TO THE PUBLIC**

CPN-0025-2019 RA 9048  
CCE-0016-2019 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 (ORL on R.A. 10172), Notice is hereby served to the public that **LEONILA D. ANONCENDO** has filed with this Office a petition for Change of First Name from **LEONISA W. LEGINILA**, and Correction of Clerical Error in the Date of Birth from **MARCH 04, 1958** to **FEBRUARY 06, 1958** in the Certificate of Live Birth of **LEONILA V. DISORIO** at Noveleta, Cavite and whose parents are **MARCELO R. DISORIO and VALENTINA N. VILADO**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 18, 2019**.

(Sgt.) **REYNALDO E. SACOS**  
Municipal Civil Registrar

DIVAYO KABITENYO - May 27 and June 3, 2019

## Alzheimer's disease protein links plaques to cell death in mice

A new protein involved in Alzheimer's disease (AD) has been identified by researchers at the RIKEN Center for Brain Science (CRBS). CAPON may facilitate the connection between the two tau pathology, in the most well-known AD culprit, amyloid plaques and tau pathology, whose actions cause brain cell death and symptoms of dementia. This finding from the Takami Saida group at RIKEN CRBS uses a novel mouse model accompanied by psychiatric symptoms, the team published in *Nature Communications*.

Alzheimer's disease is a complex and devastating condition characterized by plaques of amyloid- $\beta$  (A $\beta$ ) and neurofibrillary tangles, also known as tau pathology. Investigating the connection between these features, the research team identified CAPON, a protein that binds to tau. The CAPON gene is a known risk factor for other psychiatric disorders, and because AD can be modeled using a novel App/MAPT double knock-in mouse model, the team inserted CAPON DNA into the brain, which resulted in CAPON overex-

pression. These mice exhibited significant neurodegeneration, elevated tau, and hippocampal shrinkage. "The implication is that accumulating CAPON increases AD-related pathology," says lead author Shoko Hashimoto of RIKEN CRBS. "Although cell death resulting from CAPON can occur through many different pathways, we definitely think this protein is a facilitator between neuroinflammation and tau pathology." This is the first study to use App/MAPT double knock-in mice, which are engineered to have human-like CAPON in another type of AD model mouse that typically has increased tau pathology. They found that CAPON deficiency led to less tau, less amyloid- $\beta$ , less neurodegeneration, and less brain atrophy.



Republic of the Philippines  
Fourth Judicial Region  
REGIONAL TRIAL COURT  
OFFICE OF THE CLERK OF COURT  
City of Bacoor

**RDO UNIBANK, INC.**  
Mortgagee.

— versus —

Foreclosure No. 2019-06  
Pia: Extrajudicial Foreclosure of  
Real Estate Mortgage

**ANTONIO RUBIO OÑAS JR.**  
Mortgagee.

**NOTICE OF EXTRAJUDICIAL FORECLOSURE**

Upon Extrajudicial Petition for Sale under Act 3135 as Amended by Act 4118 filed by the mortgagee, **RDO UNIBANK, INC.**, of RDO Corporate Center, 7899 Makati Ave., Makati City, and against the mortgagee, **ANTONIO RUBIO OÑAS JR.**, of No. 18 Magalona Street, Phase 6, BF Homes 1, Parangale City, to satisfy the mortgage indebtedness which as of April 15, 2019, amounts to **FIVE MILLION SEVEN HUNDRED TWENTY SEVEN THOUSAND FOUR HUNDRED FORTY EIGHT PESOS & 92.00 (P5,727,488.92)**, Philippine Currency, inclusive of interest, penalties and other charges, the undersigned or her duly authorized representative will act as the public auctioneer on **June 20, 2019 at 10:00 o'clock** in the morning or soon thereafter, at the main entrance of the Hall of Justice of Bacoor City, Cavite, 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. 1827-2018658899-147-201700132**

"A PARCEL OF LAND (LOT 31, BLK. 1 OF THE CONS. AND SUBD. PLAN, PCS-04-02043), BEING A PORTION OF THE CONS.-SUBD. OF LOTS 7479-C (LUC) (PND-18733), & LOTS 7481, 7484, 7488, 8034, 8031, 8036, & 8037, ALL OF (MAG) (ESTATE), SITUATED IN THE BAGOY OF MULDINO, MUN. OF BACDOR, PROV. OF CAVITE, ISLAND OF LUZON, X Y X, CONTAINING AN AREA OF ONE HUNDRED EIGHTY ONE (181) SQUARE METERS."

"All needed bid bond to 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, it shall be held on **June 27, 2019**, without further notice."

Provisionary buyers or bidders are hereby enjoined to investigate themselves the title to the said property and encumbrances, if any there be.

City of Bacoor, March 27, 2019.

(Sgd.) **LIZA B. VICTA**  
Clerk of Court VI

Copy Furnished:

**RDO UNIBANK, INC.**  
116 Third South Tower, RDO Corporate Center,  
7899 Makati Ave., Makati City

Mr. **ANTONIO RUBIO OÑAS JR.**  
No. 18 Magalona Street, Phase 6, BF Homes 1, Parangale City  
Block 1 Lot 37, Baripal Estate,  
Bantigue Malinao, Bacoor, Cavite

**WARNING:** It is absolutely prohibited to receive, deliver or remove the notice of Extrajudicial Sale on or before the date of sale.

Publication: **DIARYO KABITENYO**  
Date: June 3, 10 & 17, 2019

Republic of the Philippines  
Fourth Judicial Region  
REGIONAL TRIAL COURT  
OFFICE OF THE CLERK OF COURT  
City of Bacoor

**NATIONAL HOME MORTGAGE FINANCE CORP.**  
Mortgagee.

— versus —

Foreclosure No. 2019-72  
Pia: Extrajudicial Foreclosure of  
Real Estate Mortgage

**EDITHA YANGO married to ANGEL YANGO,**  
Mortgagee.

**NOTICE OF EXTRA JUDICIAL FORECLOSURE**

Upon Extrajudicial Petition for Sale under Act 3135 as Amended by Act 4118 filed by the mortgagee-creditor, **NATIONAL HOME MORTGAGE FINANCE CORP.**, of 104 Armonda St., Laguna Village, Makati City, and against the mortgagee, **EDITHA YANGO married to ANGEL YANGO** of Cavella Homes Springville Heights Lot 37 Blk. 14, Pnd-04323-00724 Ph. 1, The Malinao, Bacoor, Cavite, to satisfy the mortgage indebtedness which as of March 2019, amounts to **ONE MILLION SEVEN HUNDRED FIFTY ONE THOUSAND SIX HUNDRED TWENTY ONE PESOS & 61.00 (P1,751,622.61)**, Philippine Currency, inclusive of, penalty charges, the undersigned or her duly authorized representative will act as the public auctioneer on **June 21, 2019 at 10:00 o'clock** in the morning or soon thereafter, at the main entrance of the Hall of Justice of Bacoor City, Cavite, 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. Y-58122**

"A parcel of Land (Lot 37 Blk. 14 of the cons.-subd. Plan, Pnd-04323-00724, being a portion of the cons.-subd. LSA/TA/ALI/L/OT/19&21, Blk. 14, Pnd-04323-004, LNC-30c, Ph. 1, situated in the Bn. of Malinao, Mun. of Bacoor, Prov. of Cavite, X y x, containing an area of **NINETY FIVE (95) SQUARE METERS.**"

"All needed bid bond to 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, it shall be held on **June 28, 2019**, without further notice."

Provisionary buyers or bidders are hereby enjoined to investigate themselves the title to the said property and encumbrances, if any there be.

City of Bacoor, March 27, 2019.

(Sgd.) **LIZA B. VICTA**  
Clerk of Court VI

Copy Furnished:

**ATTY. DANTE Q. RIZADA**  
5th Floor Filinvest Bldg., 104 Armonda St., Laguna Village,  
Makati City

Ms. & Mrs. **EDITHA YANGO** and **ANGEL YANGO**  
Cavella Homes Springville Heights Lot 37 Blk. 14,  
Pnd-04323-00724 Ph. 1, The Malinao, Bacoor, Cavite  
2411 La Tera St., San Ana, Manila

**WARNING:** It is absolutely prohibited to receive, deliver or remove the notice of Extrajudicial Sale on or before the date of sale.

Publication: **DIARYO KABITENYO**  
Date: June 3, 10 & 17, 2019

## Diabetes can be detected in gut of cats

The cat is the only animal, aside from humans and primates, which spontaneously develops type 2 diabetes. Therefore, researchers are interested in studying how diabetes develops in cats in order to learn more about the disease in general.

Now an interdisciplinary team of researchers from the University of Copenhagen have come a step closer to understanding the disease by studying it in cats. The new study shows that the composition of gut bacteria in cats suffering from diabetes is different from the composition seen in healthy cats.

"We can tell that the diversity of gut bacteria is reduced in cats with diabetes. The same has been detected in humans, and there thus appear to be more similarities in diabetes across species than previously assumed. In fact, our results also prove another, smaller study," says PhD Student Jette Norling Klaser from the Department of Veterinary Clinical Sciences.

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 16, NAIC, CAVITE

MAYBANK PHILIPPINES INC.,  
Mortgage/Petitioner,

PNC - 2019-24  
For: Extra-Judicial Foreclosure of Real  
Estate Mortgage under Act 3155,  
as Amended by Act 4118

-versus-

SPS. ELYRA R. PERIDO and  
ESTEBAN C. PERIDO, JR.  
and MARY GRACE D. PERIDO  
Mortgage/Respondents.

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-Judicial petition for sale under Act 3155, as amended by Act 4118 filed by MAYBANK PHILIPPINES INC., mortgage/petitioner, with office address at Maybank Corporate Center, 7th Avenue corner 29th Street, Bonifacio Global City, Taguig City against SPS. ELYRA R. PERIDO, ESTEBAN C. PERIDO, JR. and MARY GRACE D. PERIDO, with postal address at Mabolo Street, Barangay Buena Vista, Indang, Cavite to satisfy the mortgage indebtedness which as of MARCH 15, 2019 amounts to TWO MILLION EIGHT HUNDRED TWENTY FOUR THOUSAND THIRTY FOUR PESOS & 70/100 (P2,824,334.70) Philippine currency, inclusive of interest, penalties and other charges, the undersigned Sheriff will sell at public auction on June 20, 2019 at 10:00 o'clock in the morning or soon thereafter at the main entrance of the Office of the Ex-Officio Sheriff at the Hall of Justice formerly Mayor Macario B. Pura Memorial Hall, Naic, Cavite, to the highest bidder, for cash and in Philippine currency, the following described property with all the improvements existing thereon, to-wit:

**TRANSFER CERTIFICATE OF TITLE  
NO. 957-261780182**

LOT 4378-E, CID-04-039183-D BEGINNING AT A POINT MARKED "1" OF LOT 6179-E, CID-04-039183-D, BEING 8.49 DEG. 10'2", 166.947 M. FROM BL/M NO. 1, CAD. 425-D, INDIANO CADASTRE, TRILINCE; N. 87 DEG. 20'2", 11.84 M. TO POINT 2, S. 21 DEG. 00' E., 38.78 M. TO POINT 3, S. 65 DEG. 59' W., 18.71 M. TO POINT 4, N. 22 DEG. 45' W., 31.04 M. TO THE POINT OF BEGINNING, CONTAINING AN AREA OF THREE HUNDRED FORTY FIVE (405) SQUARE METERS *more or less*.

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

Prospective bidders or buyers are hereby enjoined to investigate for themselves, the title herein above-described and the circumstances thereon, if any there be.

In case of the absence of any participating bidder on the above-scheduled date, said auction sale will be read and finally held on June 27, 2019 at the same place and time above-mentioned.

Naic, Cavite, May 21, 2019.

(Sgt.) MA. CAROLINA M. POTENTE  
Sheriff IV

MAYBANK PHILIPPINES INC.  
Maybank Corporate Center, 7th Avenue, corner  
29th Street, Bonifacio Global City, Taguig City

SPS. ELYRA R. PERIDO and ESTEBAN C. PERIDO, JR.  
and MARY GRACE D. PERIDO  
Mabolo Street, Barangay Buena Vista,  
Indang, Cavite

Publication : DIYARIO KABITENYO  
Date : June 5, 12 & 17, 2019

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 16, NAIC, CAVITE

BDO UNIBANK INC.,  
Mortgage/Petitioner,

PNC-2019-27  
For: Extra-Judicial Foreclosure of Real  
Estate Mortgage under Act 3155,  
as Amended by Act 4118

-versus-

SPS. ROBERTO EXALTACION  
JACINTO, JR. &  
JESUSA MELAD JACINTO,  
Mortgage/Respondents.

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-Judicial petition for sale under Act 3155, as amended by Act 4118 filed by BDO UNIBANK INC., mortgage/petitioner, with office address at BDO Corporate Center, 7000 Makati Avenue, Makati City against Sps. Roberto Exaltacion Jacinto, Jr. & Jesusa Melad Jacinto, with postal address at Lot 6, Block 1, Golden Gate Villa, Triunfo Martires City, Cavite, and Lot 4 & 5, Block 3, Road Lot 3 (now John's Wood Road), Indang Village, Barangay Calumpang Lajon, Indang, Cavite to satisfy the mortgage indebtedness which as of MARCH 07, 2019 amounts to SIX MILLION SEVEN HUNDRED FIFTEEN THOUSAND SIX HUNDRED FIFTY FOUR PESOS & 90/100 ( P 6,716,654.99) Philippine currency, inclusive of interest, penalties and other charges, the undersigned Sheriff will sell at public auction on June 20, 2019 at 10:00 o'clock in the morning or soon thereafter at the main entrance of the Office of the Ex-Officio Sheriff at the Hall of Justice formerly Mayor Macario B. Pura Memorial Hall, Naic, Cavite, to the highest bidder, for cash and in Philippine currency, the following described property with all the improvements existing thereon, to-wit:

**TRANSFER CERTIFICATE OF TITLE  
NO. 957-261661778 AND 957-26981275**

A PARCEL OF LAND (LOT 4 BLOCK 3) OF THE SUBD. PLAN PSD-04-17033, BEING A PORTION OF LOT 8810, CAD-459-D, INDIANO CADASTRE, L.R.C. REC. NO. \_\_\_\_\_, SITUATED IN THE BAGOY CALUMPANG LAJON, MUN. OF INDIANG, PROV. OF CAVITE, BOUNDARIES: ON THE SW, ALONG LINE 1-3 BY LOT 2 BLK. 3; ON THE NW, ALONG LINE 2-3 BY RD. LOT 3 IN 25 M. WIDTH; ON THE NE, ALONG LINE 3-4 BY LOT 6; ON THE SE, ALONG LINE 4-1 BY LOT 2 BOTH OF BLK. 3, ALL OF THE SUBD. PLAN, CONTAINING AN AREA OF TWO HUNDRED (200) SQUARE METERS, *more or less*.

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

Prospective bidders or buyers are hereby enjoined to investigate for themselves, the title herein above-described and the circumstances thereon, if any there be.

In case of the absence of any participating bidder on the above-scheduled date, said auction sale will be read and finally held on June 27, 2019 at the same place and time above-mentioned.

Naic, Cavite, May 21, 2019.

(Sgt.) MA. CAROLINA M. POTENTE  
Sheriff IV

BDO UNIBANK INC.  
BDO Corporate Center, 7000 Makati Avenue,  
Makati City

SPS. ROBERTO EXALTACION  
JACINTO, JR. &  
JESUSA MELAD JACINTO  
Lot 3, Block 1, Golden Gate Villa, Triunfo  
Martires City, Cavite and Lot 4 & 5, Block  
3, Road Lot 3 (now John's Wood Road),  
Indang Village, Barangay Calumpang  
Lajon, Indang, Cavite

Publication : DIYARIO KABITENYO  
Date : June 5, 12 & 17, 2019

Republic of the Philippines  
**OFFICE OF THE MUNICIPAL  
CIVIL REGISTRAR**  
Indang, Cavite

Publication Notice  
R.A. 10172

**NOTICE TO THE PUBLIC**

27 May 2019

CFN-0004-2019 RA-1044  
CCF-0016-2019 RA-10172

In compliance with the publication requirement and pursuant to OCG Memorandum Circular No. 2013-1-Goldfile in the Implementation of the Administrative Order No. 1 Series of 2012 (IEA on R.A. 10172), Notice is hereby served to the public that **BELLDOSO SIERRA** has filed with this Office, a petition for change of first name from **BELLDOSO** to **BELLOSO** and correction of error in sex from **FEMALE** to **MALE** in the certificate of live birth of **RELIOSASILAN SIERRA** of Indang, Cavite and whose parents are Francisco Sierra and Evelina Sison.

Any person adversely affected by said petition may file his/her written opposition with this office not later than **June 17, 2019**.

(Sgd.) **MERCIA A. CHAVEZ**  
Municipal Civil Registrar

DIYARYO KABITENYO - June 7 & 10, 2019

Republic of the Philippines  
**OFFICE OF THE LOCAL CIVIL REGISTRAR**  
Municipality of Mandaue

**NOTICE OF PUBLIC**

CFN-0004-2019 RA-1044  
CCF-0016-2019 RA-10172

In compliance with the publication requirement and pursuant to OCG Memorandum Circular No. 2013-1-Goldfile in the Implementation of the Administrative Order No. 1 Series of 2012 (IEA on RA 10172), Notice is hereby served to the public that **BOSALINA P. TANYAG** has filed with this Office, a petition for Change of First Name from **BIZALINA** to **BOSALINA**, and Correction of C-0600 Item in the Date of Birth from **DECEMBER 18, 1965** to **DECEMBER 11, 1965** in the Certificate of Live Birth of **BIZALINA D. PANALIGAN** at Mandaue, Cebu and whose parents are **EDILBERTO R. PANALIGAN** and **MAXIMA R. HERNANDEZ**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 17, 2019**.

(Sgd.) **REYNALDOE BACOS**  
Municipal Civil Registrar

DIYARYO KABITENYO - June 7 & 10, 2019

Republic of the Philippines  
Fourth Judicial Region  
**REGIONAL TRIAL COURT**  
**OFFICE OF THE CLERK OF COURT**  
City of Bacoor

**PHILIPPINE SAVINGS BANK,**  
Mortgagee,

Foreclosure No. 2019-58  
for Extra-Judicial Foreclosure of  
Real Estate Mortgage

**JOHN RINGO P. SAGALONGON,**  
Mortgagee

**NOTICE OF EXTRAJUDICIAL FORECLOSURE**

Upon Extra-judicial Petition for Sale under Art. 2073 as Amended by Act 4115 filed by the mortgagee, **PHILIPPINE SAVINGS BANK**, at PSBank Center, 777 Pasay de Manila, corner Sedyero Street, Makati City, and against the mortgagee, **JOHN RINGO P. SAGALONGON**, of Bldg. 2 Lot 20 Camarines St., Springville Meadows 1, Molina, Bacoor, Cavite, to satisfy the mortgage indebtedness which as of April 15, 2019, amounts to **FIVE HUNDRED NINETY THREE THOUSAND TWO HUNDRED FORTY PESOS & 14/100 (P593,240.14)**, Philippine Currency, inclusive of interest, penalties and other charges, the undersigned, at her duly authorized representative with and at the public auction on **July 3, 2019 at 10:00 o'clock**, in the morning or next thereafter, at the public entrance of the Hall of Justice of Bacoor City, Cavite, to the highest bidder for CASH and in Philippine Currency, the following described property with all the appurtenances thereon, to-wit:

**TRANSFER CERTIFICATE OF TITLE**  
NO. 467-201484346

"A PARCEL OF LAND (C.O.T. 20 BLDG. 2 OF THE CONS. SUBD. PLAN, PCS-04-011540, BEING A PORTION OF THE CONS. OF LOTS 693-A TO E, 693-F & 693-G, H, I, J, K, L, PSD-32032, LOT 4667-A-7 TO 4671-A-4, PSD-94-024286 TO LOT 4683, B.L. 344, L.R. REC. NO. ) SITUATED IN THE BRGY. OF MOJING, MUN. OF BACOR, PROV. OF CAVITE, D. OF LUZON, X X X, CONTAINING AN AREA OF NINETY FIVE (95) SQUARE METERS."

"All sealed bid 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, it shall be held on **July 3, 2019**, without further notice."

Prospective bidders or holders are hereby enjoined to investigate the facts and titles to the said property and encumbrances, if any thereon.

City of Bacoor, May 27, 2019

(Sgd.) **LIZA D. MACTA**  
Clerk of Court II

Copy Furnished:

**PHILIPPINE SAVINGS BANK**  
PSBank Center, 777 Pasay de Manila corner Sedyero Street, Makati City

Mr. **JOHN RINGO P. SAGALONGON**  
Bldg. 2 Lot 20 Camarines St., Springville Meadows 1, Molina, Bacoor, Cavite

**WARNING:** It is absolutely prohibited to receive, deface or destroy this notice of Extra-judicial Sale on or before the date of sale.

Publication - **DIYARYO KABITENYO**  
Date - June 10, 11 & 24, 2019

## How genes interact to build tissues and organisms

Although the knowledge we have about human cells and tissues has steadily increased over recent decades, many things remain unknown. For instance, cells exist in transient, dynamic states and understanding them is fundamental to decipher diseases and find cures. Classic techniques used in the lab to study cell types faced limitations and

did not enable a finely detailed profile of cell function. To overcome this obstacle, a group of scientists at the National Centre for Genomic Analysis (CNAG-CRG) from the Centre for Genomic Regulation (CRG), in Barcelona, Spain, led by Holger Heyn, developed a new computational tool, based on the mathematical Graph

theory, to infer global, large-scale regulatory networks, from healthy and pathological organs, such as those affected by diabetes or Alzheimer's disease. The researchers were able to pinpoint genes relevant to organ function and potential drivers of diseases. They are publishing their results in the current issue of the *Genome Biology* journal.

"Our previously developed single-cell transcriptomic tools were very useful to discover unknown cell types," says Giovanni Iacono, senior postdoc researcher at the CNAG-CRG and first author of the study. "These tools allowed us to describe new types and subtypes of cells, with their unique biological roles and hierarchical relationships," he adds.

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Republic of the Philippines  
REGIONAL TRIAL COURT  
Fourth Judicial Region  
Branch 20  
Iloilo, Cebu

REPUBLIC OF THE PHILIPPINES,  
Represented by the Department of Public  
Works and Highways (DPWH),

Plaintiff,

CIVIL CASE NO. 4896-18  
For: EXPROPRIATION  
(Lit. No. 1771 under TCT  
No. CT-12004) RT-0882

MELITON TAPAWAN married to  
FILOMENA TAPAWAN, NARCISA  
TAPAWAN, and AMBROCIA  
TAPAWAN,

Defendants.

SUMMONS  
(By Publication)

TO: MELITON TAPAWAN  
married to FILOMENA  
TAPAWAN, NARCISA TAPAWAN,  
and AMBROCIA TAPAWAN  
Malabonig 17 Iloilo City, Cebu.

GREETINGS:

WHEREAS, on May 31, 2018, plaintiff filed a  
Title Complaint which read as follows:

Republic of the Philippines  
REGIONAL TRIAL COURT  
Fourth Judicial Region  
Branch 20  
Iloilo, Cebu

REPUBLIC OF THE PHILIPPINES,  
Represented by the Department of Public  
Works and Highways (DPWH),

Plaintiff,

CIVIL CASE NO. 4896-18

MELITON TAPAWAN  
married to FILOMENA  
TAPAWAN, NARCISA TAPAWAN  
and AMBROCIA TAPAWAN  
Respondents.

AMENDED COMPLAINT  
(With Urgent Prayer for the Issuance of a Writ of  
Possession)

Plaintiff, REPUBLIC OF THE PHILIPPINES  
represented by the DEPARTMENT OF PUBLIC WORKS  
AND HIGHWAYS (DPWH), through the OFFICE OF THE  
SOLICITOR GENERAL (OSG), in this Honorable Court,  
respectfully states:

1. Plaintiff is a sovereign political entity with capacity to  
sue, and is vested with the power and authority to acquire  
and expropriate private property for public use upon payment

of just compensation. The Republic is exempt from payment  
of fees pursuant to a Rule 141, Sec. 22 of the Rules of Court.  
It is represented herein by the DPWH, a government agency  
authorized to acquire property by virtue of Republic Act  
(RA) No. 10752, entitled "An Act Facilitating the Acquisition  
of Right-of-Way Site or Location for National Government  
Infrastructure Projects" and made useful through the Office  
of the Solicitor General (OSG) at 134 Amador Street, Legaspi  
Village, Manila City.

2. Defendants Meliton Tapawan, married to Filomena  
Tapawan, Narcesa Tapawan and Ambrosia Tapawan, (Defendants  
Tapawan hereinafter) are of legal age, Filipinos and with residence  
at Malabonig 17 Iloilo, Cebu, where there may be served with  
summons and other court processes.

3. Plaintiff has embarked on the Cebu-Laguna Expressway  
(CALAX) infrastructure project to provide an efficient, fast, and  
safe road network, and to spur national economic development,  
particularly in the Province of Cebu and Laguna.

4. Defendants Tapawan are the registered owners of a parcel  
of land situate in Malabonig 17 Iloilo, Cebu covered by TCT  
No. CT-12004 RT-0882, copy herein attached as Annex "A" and  
Tax Declaration No. 0980121030, hereinafter attached as Annex "B".  
There are no improvements or structures based on the subject  
lot, as shown by a photograph herein attached as Annex "C".

5. Plaintiff needs TWO THOUSAND FOUR HUNDRED  
TWELVE (2,412) SQUARE METERS of Lot 1771 for the  
CALAX Project. The relative location and technical description  
of the subject project is defined in the shaded portion of the  
Preliminary Plan, herein attached as Annex "D". The portion  
of the project affecting the property of defendant is delineated in  
the Subdivision Plan of Land of Lot 19856-8, PSC-85, herein  
attached as Annex "E".

6. The current relevant annual valuation by the Bureau of  
Internal Revenue (BIR) of one property situated in Iloilo,  
Cebu including the subject property, is ONE THOUSAND  
THREE HUNDRED ONLY (P1,000.00) per square meter, as shown by  
the property valuation of the Revenue District Office of Iloilo  
Maritime, Cebu, herein attached as Annex "F". The total  
cost of the property owned by plaintiff, totaling to TWO  
MILLION FOUR HUNDRED TWELVE THOUSAND PESOS  
(P2,412,000.00).

7. The CALAX project is covered by a pending application  
for an environment Compliance certificate (ECC) submitted  
to Presidential Decree (PD) No. 1586 and Department of  
Environmental and Natural Resources Administrative Order  
(AEO) No. 2003-16. Evidence of said application is a letter  
dated February 24, 2017 herein attached as Annex "G", sent  
by DPWH to DENR regarding its request for the issuance of  
an ECC and the Memorandum of Agreement between DPWH,  
IOP Planning and MPCA, herein attached as Annex "H".

8. Plaintiff's acquisition of defendant's subject property is  
indispensable to the CALAX Project. Said property has neither  
been devoted to use appropriated for any other public use. The  
CALAX project is being processed in a manner compatible  
with the general public good and will be least injurious to private  
property.

9. Pursuant to Section 4, in relation to Section 5, of R.A.  
1972, Plaintiff offered to purchase the affected area of the  
subject lot. However, defendants declined and continue to  
infringe the offer to the damage and prejudice of plaintiff  
including the plaintiff's payrolled value for the affected area,  
herein attached Annex "I".

Due to said refusal, plaintiff is increasing the expropriation  
proceedings through the OSG pursuant to Executive Order (EO)  
No. 1039.

Which took effect 21 June 1982.

10. Pursuant to Section 8 of R.A. 1972, plaintiff is  
ready to deposit the amount of ONE MILLION THIRTY  
FIVE THOUSAND AND FOUR HUNDRED PESOS (P  
1,035,400.00), the amount equivalent to 100% of the current  
relevant BIR annual value of the affected area of the subject  
lot. The corresponding check, payable to the defendants, is  
available and will be deposited with the Honorable Court  
as a security for the issuance of the writ of Possession.  
Evidence thereof is the Special Affidavit Return Order  
(SARDO), herein attached as Annex "J", indicating said funds  
consigned for the CALAX Project.

11. Plaintiff is exempt from paying the docket, filing,  
and other legal fees pursuant to Section 22, Rule 141 of the  
Revised Rules of Court.

ALLEGATION IN SUPPORT OF THE URGENT  
PRAYER FOR THE ISSUANCE OF A WRIT OF  
POSSESSION

12. Section 8 of R.A. 1972 provides:

Sec. 8. Conditions for Expropriation  
Proceedings - Whenever it is necessary to acquire  
land and property for the right-of-way site or location  
for any national government infrastructure through  
expropriation, the appropriate implementing agency,  
through the Office of the Solicitor General, the Office  
of the government or private legal counsel, shall  
immediately initiate the expropriation proceedings  
before the proper court under the following guidelines:

(a) Upon the filing of the complaint or at any time  
thereafter, and after due notice to the defendant, the  
implementing agency shall immediately deposit to the  
court in favor of the owner the amount equivalent to the cost of:

(1) One hundred percent (100%) of the value of the  
land based on the current relevant annual valuation of the  
Bureau of Internal Revenue (BIR) based not more than  
three (3) years prior to the filing of the appropriate  
complaint subject to subparagraph (c) of this section;

(2) The replacement cost (current market value of the  
improvements and structures as determined by:

- (i) The implementing agency;
- (ii) A government financial institution  
with adequate experience in property  
appraisal; and
- (iii) An independent property appraiser  
appointed by the BIR.

(3) The current market value of crops and trees  
located within the property as determined by a  
government financial institution or an independent  
property appraiser to be selected or retained in  
subparagraph (c) of Section 5 hereof.

Upon compliance with the guidelines above  
mentioned, the court shall immediately issue to the  
implementing agency an order to take possession of the  
property and start the implementation of the project.

If within seven (7) working days after the deposit  
to the court of the amount equivalent to the cost under  
subparagraph (a) (1) or (1) (i) of this section, the cost has  
not been paid to the implementing agency in full, possession  
of the affected site covered by the implementing agency shall  
immediately and from the date of the issuance of the writ of  
possession. The court shall issue the writ of possession ex  
parte; no hearing shall be required (emphasis supplied).

13. After the deposit with this Honorable Court of the check as just compensation for the expropriated parcel of land, the immediate issuance of writ of possession is thus warranted to enable plaintiff to take immediate possession of the property and begin the construction works of the CALLEX Project.

14. In *Capital Steel Corporation vs. Philippine Industrial Authority*<sup>1</sup>, the Supreme Court held that the issuance of a writ of possession is a ministerial duty of the Honorable Court upon plaintiff's compliance with the guidelines set forth by law, thus:

Upon compliance with the requirements, a petition to an expropriative case, in this case the respondent, is entitled to a writ of possession as a matter of right and it becomes the ministerial duty of the trial court to forthwith issue the writ of possession. No hearing is required and the court neither exercises its discretion or judgment in determining the amount of the provisional value of the property to be expropriated as the legislature has fixed the amount under Section 4 of R.A. 8974 (Emphasis supplied).

15. It is also imperative for the protection of the interest of the government, vis-à-vis its real rights over the subject property that the corresponding order of Expropriation be issued and entered in the Primary Entry Book of the Registry of Deeds of Cavite and, thereafter, be annotated in the space provided in its Registration Book pursuant to Section 19 of P.D. 1528, otherwise known as the Property Registration Decree, which states:

Section 19. Annotations. - An Attachment, or a copy of any writ, order or process issued by a court of record, intended to create or preserve any claim, status, right, or attachment upon registered land shall be filed and registered in the Registry of Deeds for the Province or City in which the land lies, and, in addition to the particulars required in such papers for registration, shall contain a reference to the number of the certificate of title to be affected and registered, when it covers thereof, and also if attachment, order, process or writ is not claimed on all the land in any certificate of title a description sufficiently accurate for identification of the land or interest to be affected. A assessing order, injunction, or mandamus issued by the court shall be annotated and registered on the certificate of title affected, free of charge.

16. To assure that the subject property is free from encumbrance liens, it is necessary that defendant be required to present proof of payment of the corresponding realty taxes before this Honorable Court order the release to their favor of any amount deposited by plaintiff.

**PRAYER**

WHEREFORE, plaintiff respectfully prays that the Honorable Court:

1. ISSUE a Writ of Possession upon plaintiff's deposit the amount equivalent to 100% of the assessed realty tax owed value of the affected area of the subject lot;
2. ISSUE an Order of Expropriation;
3. Considering the affected area of the subject lot for public use and for the public purpose set forth herein; and
- 4.2. Directing the Register of Deeds of Cavite to register the order of Expropriation issued by this Honorable Court in the corresponding certificate of title, the Primary Entry Book, and the Registration Book.

<sup>1</sup> 101 SCRA 1000

3. SET a hearing for the presentation of defendant's proof of identity and ownership on the subject lot after fifteen (15) days from service of summons upon them, and as said hearing;

3A. Direct defendant to submit sufficient proof of their identity and ownership of the subject lot, as well as updated payment of all realty taxes and fees to the relevant local and national government agencies, including but not limited to real property taxes on the subject lot; and

4.1. Release the check deposited with this Honorable Court to defendant, subject to clearance from plaintiff of adequate satisfaction or completion of the requirements of proof of identity, ownership, and payment of relevant government taxes and fees, in accordance with Sec. 4 of R.A. 8974 and its OCA, and compliance to local requirements;

4. ISSUE an order directing the Register of Deeds to register and annotate the Writ of Possession issued by this Honorable Court in the corresponding Certificate of Title, the Primary Entry Book, and the Registration Book;

5. AUTHORIZED and ORDER the payment of just compensation to defendant after deducting the taxes due for capital gains tax, capital real property taxes, and other taxes and fees due the Government, if any, and/or ORDER defendant to return to plaintiff whatever amount it may have received in excess of the just compensation as determined by this Honorable Court;

6. ORDER defendant to transmit to plaintiff the corresponding revenue duplicate Certificate of Title of the subject lot; and

DIRECT The Register of Deeds of Cavite to effect the transfer of ownership of the affected area of the subject lot to plaintiff and to issue the corresponding Certificate of Title in the name of the Republic of the Philippines.

Other just and equitable relief as thereon proved in Makati City for Great City, Cavite, 10 May 2018.

MELIZA F. FAVORITO - MENDOZA  
State Solicitor

NOW, THEREFORE, defendant MELITON TAPAWAN married to FILOMENA TAPAWAN, NARCISA TAPAWAN, and AMBROSCIA TAPAWAN, is hereby summoned pursuant to Section 3 of A.M. No. 02-11-19-SC, and required to file with the Regional Trial Court Branch 30 - Imus City, Cavite his Answer to the Petition within thirty (30) days from the date of last publication of this Summons furnishing a copy thereof upon Plaintiff's counsel, STATE SOLICITOR MELIZA F. FAVORITO-MENDOZA, (34 Antonio St., Laguna Village, Makati City).

No motion to dismiss the petition shall be allowed except on the ground of lack of jurisdiction over the subject matter or over the parties, provided however, that any other ground that might warrant a dismissal of the case may be raised as an affirmative defense to an Answer (Sec. 7, A.M. No. 02-11-19-SC) (7/24/02) In the no answer, the court shall not declare me in default and shall order the public prosecutor to investigate whether collusion exists between the parties (Sec. 8, A.M. No. 02-11-19-SC).

WITNESS THE HONORABLE JOSEFINA E. SIBAR, Acting Presiding Judge of this Court, 10<sup>th</sup> day of June 2019 in City of Imus, Cavite.

(Sgt.) ATTY. MARIE JEAN P. MANINGAL  
Clerk of Court V

PUBLISHED - DIWARYO KABITENYO  
Date - June 10, 11 & 24, 2019



Republic of the Philippines  
Province of Cavite  
Municipality of Alibon

**OFFICE OF THE MUNICIPAL CIVIL REGISTRAR**

PUBLICATION NUMBER  
E.A. 10172

**NOTICE TO THE PUBLIC**

Date: June 4, 2019

CCE-0014-2019 E.A. 10172

In Compliance with the publication requirement and provision in (MCR) Memorandum Circular No. 2013-1 Guidelines to the Implementation of the Administrative Order No. 1 Series of 2012 (MCR on E.A. 10122), Notice is hereby served to the public that BEVERLYN RED AMORCO has filed with this office, a petition for correction of entry in said title "MALE" to "FEMALE" (OCRC Copy) in the certificate of live birth of BEVERLYN D. RED in 26 Esguerra St., Alibon, Cavite and whose parent are Eduardo R. Red and Lucrinda C. Barrios.

Any person adversely affected by said petition may file his written opposition with this Office on or before June 24, 2019.

(Sgt.) TERRESTA A. GALANG  
Civil Registrar

DIWARYO KABITENYO - June 10 & 17, 2019



Republic of the Philippines  
OFFICE OF THE CITY  
CIVIL REGISTRAR  
City of General Trias, Cavite  
(046) 508-8014

**NOTICE OF PUBLICATION**

In compliance with Section 3 of R.A. 8974, notice is hereby served to the public that JENALYN LUGBRE FORMER has filed with this Office a petition for Change of First Name from JENALYN to JEMALYN in the birth certificate of JEWELYN LUGBRE FORMER who was born on 11 August 1986 in General Trias, Cavite and whose parents are Carlos L. Forman and Assada Z. Lumban.

Any person adversely affected by said petition may file his/her written opposition to this Office on or before June 24, 2019.

(Sgt.) ARLENE E. BUSTONG  
City Civil Registrar

DIWARYO KABITENYO - June 10 & 17, 2019

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



Republic of the Philippines  
City Civil Registry Office  
Province of Cavite  
City of Imus

**NOTICE OF PUBLICATION**

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 (ORR on R.A. 10172), Notice is hereby served to the public that **LEONIDES D. DE CASTRO** has filed with this Office a petition for correction of entry in sex from **MALE** to **FEMALE** in the Certificate of Live Birth of **LEONIDES BARRA DE GUZMAN** who was born in City of Imus, Cavite and whose parents are **SIMFEROSO DE RUIZAN** and **FLAVIANA BARRA**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 24, 2019**.

(Sgt.) **VIOLETA P. SAÑEZ**  
City Civil Registrar I

DIARYO KABITENYO - June 10 & 17, 2019

Republic of the Philippines  
City Civil Registry Office  
Province of Cavite  
City of Imus

**NOTICE OF PUBLICATION**

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 (ORR on R.A. 10172), Notice is hereby served to the public that **GLADYS B. MEDRANO** has filed with this Office a petition for correction of entry in sex from **MALE** to **FEMALE** in the Certificate of Live Birth of **GLADYS BARACHINA MEDRANO** who was born in City of Imus, Cavite and whose parents are **VICTOR B. MEDRANO** and **GLORIA F. BARACHINA**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 24, 2019**.

(Sgt.) **VIOLETA P. SAÑEZ**  
City Civil Registrar I

DIARYO KABITENYO - June 10 & 17, 2019

Republic of the Philippines  
City Civil Registry Office  
Province of Cavite  
City of Imus

**NOTICE OF PUBLICATION**

In compliance with section 5 of R.A. 9049, a notice is hereby served to the public that **EDVINA T. SAMSON** has filed with this Office a petition for change of first name from **BENEDICTA** to **EDVINA** in the birth certificate of **BENEDICTA MALUTO TENGCO** who was born on **MAY 6, 1922** in Imus, Cavite and whose parents are **ANTONIO B. TENGCO** and **TELECITAN N. MALUTO**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 14, 2019**.

(Sgt.) **VIOLETA P. SAÑEZ**  
City Civil Registrar I

DIARYO KABITENYO - June 10 & 17, 2019

Republic of the Philippines  
City Civil Registry Office  
Province of Cavite  
City of Imus

**NOTICE OF PUBLICATION**

In compliance with section 5 of R.A. 9049, a notice is hereby served to the public that **ANALY MANICHO BARE** has filed with this Office a petition for change of first name from **SOMIA** to **ROCELYN** in the birth certificate of **JOSCELYN DE LOBATO MANICHO** who was born on **December 15, 1988** in Imus, Cavite and whose parents are **SATURNINO F. MANICHO** and **LOURDES R. DE LOBATO**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 24, 2019**.

(Sgt.) **VIOLETA P. SAÑEZ**  
City Civil Registrar I

DIARYO KABITENYO - June 10 & 17, 2019

Republic of the Philippines  
City Civil Registry Office  
Province of Cavite  
City of Imus

**NOTICE OF PUBLICATION**

In compliance with section 5 of R.A. 9049, a notice is hereby served to the public that **MA. TERESA S. MASCARIDO** has filed with this Office a petition for change of first name from **MARIA TERESA** to **MA. TERESA** in the birth certificate of **MARIA TERESA JARIN SARAQ** who was born on **December 16, 1963** in Imus, Cavite and whose parents are **RODOLFO J. SARAQ** and **ROSARIO B. JARIN**.

Any person adversely affected by said petition may file his written opposition with this office not later than **June 24, 2019**.

(Sgt.) **VIOLETA P. SAÑEZ**  
City Civil Registrar I

DIARYO KABITENYO - June 10 & 17, 2019

Republic of the Philippines  
Local Civil Registry Office  
Province of Cavite  
Municipality of Tanza

**NOTICE OF PUBLICATION**

In compliance with Sec. 3 of Rep. Act No. 9048, notice is hereby served to the public that **OLIVA PASCO COYINA** has filed with this office a petition for CHANGE OF FIRST NAME from **"MA. OLIVA"** to **"OLIVA"** in the Certificate of Live Birth of our **MA. OLIVA ERIBISTONDO PASCO**, who was born on 8 September 1916 at Tanza, Cavite and parents were **Alfredo M. Pasco & Norhidah E. Urbisnoy**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **June 24, 2019**.

(Sgt.) **MA. TERESA J. CELA**  
Municipal Civil Registrar

DIARYO KABITENYO - June 10 & 17, 2019

## Algorithm provides customized caffeine strategy for alertness

A web-based caffeine optimization tool successfully designs effective strategies to maximize alertness while avoiding excessive caffeine consumption, according to preliminary results from a new study.

Using multiple sleep-deprivation and shift-work scenarios,

erized caffeine-consumption guidance using the open-access tool 2B-Alert Web 2.0, and then they compared the results with the U.S. Army guidelines. Their analysis found that the solutions suggested by the quantitative caffeine optimization tool either required on average 40% less caffeine or enhanced alertness by an additional 40%.

"Our 2B-Alert Web tool allows an individual, in our case our service members, to optimize the beneficial effects of caffeine while minimizing its consumption," said principal investigator Jacques Reifman, Ph.D., a Department of the Army

Senior Research Scientist for Advanced Medical Technology, serving at the U.S. Army Medical Research and Development Command at Ft. Detrick, Maryland.

According to the authors, caffeine is the most widely consumed stimulant to counter the effects of sleep deprivation on alertness. However, to be safe

and most effective, the right amount must be consumed at the right time.

Last year in SLEEP 2018 in Baltimore, Reifman presented data comparing the algorithm with the caffeine dosing strategies of four previously published experimental studies of sleep loss. The current study ex-

tended his team's previous work by incorporating the automated caffeine-guidance algorithm in an open-access tool so that users can input several factors: the desirable peak-alertness periods within a sleep/wake schedule, the minimum desirable level of alertness, and the maximum tolerable daily caffeine intake.

EXTRAJUDICIAL SETTLEMENT OF ESTATE  
WITH WAIVER OF RIGHTS

NOTICE is hereby given that the estate of the late RUTH LAPINA MARIANO who died testate on May 25, 2019, at Cavite City, consisting of a parcel of land & house together with all the improvements thereon, located at P. Par Digo 26 (CANCELO, Cavite City), covered by TCT 3-16307 consisting as one of One Hundred Ninety (199) Square Meters, more or less, has been adjudicated and extrajudicially settled by and among her heirs with waiver of interest, rights and participation in the above-described property in favor of NESTOR LAPINA MARIANO on January 10, 2019 at Cavite City, Philippines before Notary Public Any. Wilfr V. Agbawang and entered in the Historical Register at Dist. No. 436, Page No. 277, Book No. 47, Series of 2019.

Clg'd Debra

Publication: DIYARYO KABITENYO  
Date: June 10, 17 & 24, 2019

## AFFIDAVIT OF SELF-ABJUDICATION

NOTICE is hereby given that the estate of the deceased PAULA ODRON who died testate on September 15, 1997 at 243 Riego De Oro St., San Antonio, Cavite City, consisting of one (1) parcel of land covered by Tax Declaration with ARF No. (1-09007)48133 with an area of One point Two Hectares and seventeen (1,899.17) square decimeters, more or less, situated at Compuway Talaba, St. Antonio, S. General de the Provincial Governor of Cavite for the Province of Cavite has been self-abjudicated by her sole heir, PETRONILA L. OADRAL, on May 31, 2019 at the City of Cavite, Philippines before Notary Public Any. Wilfr V. Agbawang and entered in the Historical Register at Dist. No. 0369, Page No. 606, Book No. 20, Series of 2019.

Clg'd Albert

Publication: DIYARYO KABITENYO  
Date: June 10, 17 & 24, 2019

## AUCTION SALE

To be sold by public auction to the highest bidder who shall execute or arrange to have executed the DEEDS OF SALE in duplicate.

## LAND ACQUISITION

- 1. 400 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 2. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 3. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 4. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 5. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 6. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 7. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 8. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 9. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 10. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 11. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 12. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 13. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
- 14. 100 sq. Meters, Agribusiness Highway, Barangay Buntis, City of Cavite, Cavite (2009-011)
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## Details of first historically recorded plague pandemic revealed by ancient genomes

An international team of researchers has analyzed human remains from 21 archaeological sites to learn more about the impact and evolution of the plague-causing bacterium *Yersinia pestis* during the first plague pandemic (541-750 AD). In a study published in PNAS, the researchers reconstructed 8 *Y. pestis* genomes from Britain, Germany, France and Spain and discovered a previously unknown level of diversity in *Y. pestis* strains. Additionally, they found the first direct genetic

evidence of the Justinianic Plague in the British Isles. The Justinianic Plague began in 541 in the Eastern Roman Empire, ruled at the time by the Emperor Justinian I, and recurrent outbreaks ravaged Europe and the Mediterranean basin for approximately 200 years. Contemporaneous records describe the extent of the pandemic, estimated to have wiped out up to 25% of the population of the Roman world at the time. Recent genetic studies revealed that the bacterium

*Yersinia pestis* was the cause of the disease, but how it had spread and how the strains that appeared over the course of the pandemic were related to each other was previously unknown. In the current study, an international team of researchers led by the Max Planck Institute for the Science of Human History analyzed human remains from 21 sites with multiple burials in Austria, Britain, Germany, France and Spain. They were able to reconstruct 8 new *Y.*

*pestis* genomes, allowing them to compare these strains to previously published ancient and modern genomes. Additionally, the team found the earliest genetic evidence of plague in Britain, from the Anglo-Saxon site of Edix Hill. By using a combination of archaeological dating and the position of this strain of *Y. pestis* in its evolutionary tree, the researchers concluded that the genome is likely related to an antequely dated pestilence in the British Isles in 544 AD.

DOI: 10.1073/pnas.1811111111

# Is there a limit to human endurance? Science says yes

From the Ironman triathlon to the Tour de France, some competitions test the limits of even the toughest endurance athletes. Now, a new study of energy expenditure during some of the world's longest, most grueling sporting events suggests that no matter what the activity, everyone hits the same metabolic limit — a maximum possible level of exertion that humans can sustain in the long term.

When it comes to physical activities lasting days, weeks and months, the researchers found, humans can only burn calories at 2.5 times their resting metabolic rate.

Not even the world's fastest ultra-marathoners managed to surpass that limit, the researchers found.

"This defines the realm of what's possible for humans," said study co-author Herman Pontzer, an associate professor of evolutionary anthropology at Duke University.

Beyond the threshold of 2.5 times a person's resting metabolic rate, researchers found, the body starts to break down its own tissues to make up for the caloric deficit.

One explanation for this limit may be the digestive tract's ability to break down food, said team leaders Pontzer and John Speakman of Scotland's University of Aberdeen and the Chinese Academy of Sciences.

In other words, eating more won't necessarily help someone make Iditarod history. "There's just a limit to how many calories our

guts can effectively absorb per day," Pontzer said.

The results will appear online June 5 in the journal *Science Advances*.

For the study, the team measured daily calories burned by a group of athletes who ran six marathons a week for five months as part of the 2015 Race Across the USA, a 3,000-mile race from California to Washington, D.C. The team also considered other feats

of human endurance, including punishing 100-mile trail races and pregnancy.

When they plotted the data over time, they found an L-shaped curve. The athletes' energy expenditure started out relatively high, but inevitably plunged and flattened out at 2.5 times their basal metabolic rate for the

remainder of the event.

Co-author Caitlin Thurber analyzed urine samples collected during the first and final legs of Race Across the USA. After 20 weeks of running back-to-back marathons, the athletes were burning 600 fewer calories a day than expected based on their mileage. The findings suggest that the body can "downshift" its metabolism to help stay within sustainable levels.

"It's a great example of constrained energy expenditure, where the body is limited in its ability to maintain extremely high levels of energy expenditure for an extended period of time," Thurber said.

"You can sprint for 100 meters, but you can jog for miles, right? That's also true here," Pontzer said.

All the endur-

ance events followed

the same L-shaped curve, whether the athletes were hauling 500-pound sleds across Antarctica for days in sub-freezing temperatures, or cycling the Tour de France in summer. That finding challenges the idea, proposed by previous researchers, that human endurance is linked to the ability to regulate body temperature.

One limiting factor for endurance events, researchers found, lies in the digestive process — the body's ability to process food and absorb calories and nutrients to fuel bodily processes.

Interestingly, the maximum sustainable energy expenditure found among endurance athletes was only slightly higher than the metabolic rates women sustain during preg-

nancy. This suggests that the same physiological limits that keep, say, Ironman triathletes from shattering speed records may also constrain other aspects of life too, such as how big babies can grow in the womb.

As far as the researchers know, no one's ever sustained levels beyond this limit. "So I guess it's a challenge to elite endurance athletes," Pontzer said. "Science works when you're proven wrong. Maybe someone will break through that ceiling some day and show us what we're missing."

This research was supported by Hunter College, Loyola Medical School, Grand Valley State University, Purdue University, the Chinese Academy of Sciences (XDB13030100),



# DIYARYO KABITENYO

Nagmamalasakit sa lahiwigan

Vol. 22 No. 16

June 16-18, 2019

P 10.00

## A molecular glue to overcome cancer drug resistance?

Scientists have discovered a small molecule drug that may stop cancer cells from becoming resistant to chemotherapy. Drug resistance is a major cause of cancer relapse and is responsible for as much as 90% of deaths related to the disease.

The new compound, which was tested in an animal model of melanoma, could make current chemotherapies more powerful. It works by thwarting cancer's ability to survive, evolve, and adapt to the DNA damage created by traditional chemotherapy drugs like cisplatin.

"Chemotherapies are often effective the

first time around, but then the cancer mutates and becomes resistant to that drug, and the next, and the next," said senior study co-author Pei Zhou, Ph.D., a professor of biochemistry in Duke University School of Medicine.

"It reminds me of Boggarts, those shape-shifting creatures from Harry Potter that morph from one scary thing to another. The beauty of this approach is that you essentially freeze the Boggart in its current form, so you can kill it off for good."

The study was published June 8 in *Cell*.

In their simplest form, cancer cells are

normal cells that are growing out of control. Each time these cells divide, the DNA within them must replicate to generate new copies to go inside each new cell. The first chemotherapy drugs were based on the rationale

that rapidly growing cancer cells would be more sensitive to damage to their DNA.

Drugs like cisplatin are designed to damage DNA, causing the sensitive replication machinery normally tasked with copying each strand to stall.

If DNA replication is stalled for too long, cell division halts, and cells die.

## New method for engineering metabolic pathways

Cells are incredibly adept at creating complex molecules, like therapeutics, and can do so much better than many of our best factories.

Synthetic biologists look to re-engineer cells to make these molecules for specific needs, including pharmaceuticals and energy applications. But the trial-and-error process is difficult and time-consuming, and

often competes with the cell's other goals and processes, like growth and survival.

A new method developed at Northwestern University combines two state-of-the-art research approaches to create a fast, efficient way to engineer and analyze metabolic pathways.

The approaches — cell-free protein synthesis and self-assembled monolayer

description (SAMDU) mass spectrometry — combine to make a new tool to help engineers better understand the pathways to create molecules.

"With these two methods, we can build thousands of potential mixtures and test them all in a single day, a much faster process that

will give new insights and design rules for synthetic biologists," said Milan Mrolich.



Q & A on  
Consumer Rights

Q:

PROBLEMA  
SA PRODUCT  
QUALITY AND SAFETY?

A:

WALA  
DAPAT!  
MAY MGA QUALITY AT SAFETY  
STANDARDS UPANG MALIGURO  
ANG KALIGTAAN AT KAWAYANAN  
NG KONSUMER

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