

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

Proverbs 18:10

DIYARYO KABITENYO

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P 10.00

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

1 Corinthians 16:13

Dengue deaths increase in Cavite

THREE MARCH
GENERAL TRIAS CITY, Cavite - Two more persons have died, bringing to nine the number of dengue deaths in Cavite province's eight districts, the latest Provincial Health Office (PHO) revealed last March 28.

The two latest deaths were reported in Bacoor and Tanza.

The Provincial Epidemiology Surveillance Unit (PESU) reported that there were 1,917 cases that have been recorded in the province's lowland and upland districts in Morbidity Week 11 or the period from January 1 to March 23 this year.

The Department

Turn to page 2



General Trias City Mayor Antonio Ferrer and Cavite 6th District Rep. Luis Ferrer IV lead the 2019 Investors Day recognition ceremony for the city's Top 20 business and corporate taxpayers held at Bayleaf Hotel in Barangay Manggahan, GenTri City, Cavite on March 28, 2019.

GenTri City fetes top 20 corporate taxpayers

GENERAL TRIAS CITY, Cavite - The city government here has honored top 20 corporate taxpayers from among the economic zone locations, which

continue to boost the local government revenues to nearly P100 billion last year, last March 28.

During the Investors' Day celebration

at the Bayleaf Hotel in Barangay Manggahan, Mayor Antonio Ferrer recognized the biggest taxpayers that resulted in the city's local revenue collections to al-

most P100 billion in 2018, excluding the incomes from other local revenue sources and the Internal Revenue Allotment (IRA).

"We are pre-

ty much fortunate because of your (investors) strong investments you go by making tulong sa economic activity ng

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DIYARYO KABITENYO

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ARNULFO BARCO

Publisher / Editor

GENIE BARCO

Operations Manager

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Papi

Publishers Association of the Philippines, Inc.

First ever living donor HIV-to-HIV kidney transplant

For the first time, a person living with HIV has donated a kidney to a transplant recipient also living with HIV. A multidisciplinary team from Johns Hopkins Medicine completed the living donor HIV-to-HIV kidney transplant on Mar. 25. The doctors say both the donor and the recipient are doing well.

"This is the first time someone living with HIV has been allowed to donate a kidney, ever, in the world, and that's huge," says Dor-

ry Segev, M.D., Ph.D., professor of surgery at the Johns Hopkins University School of Medicine. "A disease that was a death sentence in the 1980s has become one so well-controlled that those living with HIV can now save lives with kidney donation — that's incredible."

People living with HIV haven't been able to donate kidneys until now, because there were worries that HIV was too much of a risk factor for kidney disease in the donor.

(GENTRI... from page 1)

Lumped as General Trias, Kapiti pag-iya locatorsyang nag-appreciate sa GenTri, Ferrer said in his speech.

He also thanked the investors and locators for their continued partnership as he looks forward for more years of partnership.

The 20 business taxpayers-honorees include Analog Devices Gen. Trias Inc., Hoosier Tech Industries, American Power Conversion Corp., Pro-Friends Inc., Purefoods Hormel Corp., IAI-Phil., Unilever Philippines, Maxim-Phil., Antel Holdings

Inc., HRD Singapore Ltd., Analog Devices, Ennison Phil. Mfg. Corp., San Technology Inc., Cebomas Builders, Magnolia Inc., Cypress Mfg. Ltd. Inc., LPU GenTri Campus, Ibrao Electronics Phil. Inc., Shimadzu Phil. Mfg. Inc., and Phila. Advanced Processing Tech. Inc.

The city government also honored Pro-Friends Inc., Unilever Philippines, Purefoods Hormel Corp., Can Asia Inc., Benco De Oro-Phi Inc., Monterey Farms Corp., Six Lacia Realty & Dev't Corp., Majestic

Technical Skills Dev't & Landscapes Corp., San Miguel Yamamura-Fuso Mold Corp., GBPLEN Corp., Ery Packaging Corp., Magnolia Inc., Coca-Cola (Bordera) Fema Phila., Empire East Landholding, Greckraft Corp., Telford Property, 8090 Luzon Housing Dev't, Corp., Gateway Property Holdings Inc., Antel Development Corp. and

Omni Composite Packaging Corporation as the top 20 real property corporate taxpayers. "We believe General Trias is a place to succeed. All these years,

you are our business partners to provide income here in the locality, education, basic commodities, as last as wealth is all of us. You go hand-in-hand with us towards community development and in improving the quality of life for our people," Cavite 6th District Rep. Luis Ferrer IV said during the event.

He also named that with Ferrer and Vice Mayor Morit Simon, infrastructure projects would be intensified to spur more economic development in the city.

(DENGUE... from page 1)

of Health (DoH) confirmed recently that Cavite had the highest number of cases in Region IV-A or the Calabarzon (Cavite-Laguna-Batangas-Rizal-Quezon) area.

In its latest update, the PESU said that there has been no declaration of a dengue outbreak in the province based on the epidemic threshold.

The recorded number of deaths and cases during the first three

months of the year was lower by three percent as compared with those reported in the same period in 2018 with seven deaths and 1,979 cases.

"The (dengue) cases was indeed increasing but it's manageable with the treatment and 4s and other measures being implemented in every barangay (village)," PHO Dengue Coordinator Anabelle Dilig said.

The PHO earlier called on the citizens and barangay officials to

implement the 4s strategy in their areas. The 4s strategy is consist of "Search and destroy mosquito breeding sites, Secure self protection, Seek early consultation, and Support logging/spraying to prevent an impending outbreak."

Provincial Epidemiologist Nelson Soriano, citing latest reports, said that there were six dengue deaths in Dasmariñas City and one each in General Trias City, Bacoor City and

Tanza municipality.

The dengue cases were reported in all of the province's seven cities and 16 municipalities. The top five with the most number of cases are Dasmariñas with 340, Bacoor 254, Imus City 223, General Trias 185, and Carmona municipality 126.

Cavite is the country's most populous province, which makes it susceptible to outbreaks of diseases such as dengue and measles.

REPUBLIC OF THE PHILIPPINES
REGIONAL TRIAL COURT
OFFICE OF THE CLERK OF COURT
& EX-GRATIA SHERIFF
IMB, CAVITE

MAYBANK PHILIPPINES, INC.
Mortgages

EXTRA-JUDICIAL FORECLOSURE OF
REAL ESTATE MORTGAGE UNDER
ACT 3153 AS AMENDED BY ACT 4118

J.C. CASE NO. 7669-19

TERRENIAL, PALEC, represented by
BO ADI, JR. FAY, EVELYN THERESA
L. PALEC.

NOTICE OF EXTRA-JUDICIAL SALE

Upon extra-judicial petition for sale under Act 3153 as amended by Act 4118 filed by MAYBANK PHILIPPINES, INC., Mortgages, with principal place of business at Maybank Corporate Center, 79 Avenue corner 29th Street, Bonifacio Global City, Taguig City against TERRENIAL, PALEC, represented by BO ADI, JR. FAY, EVELYN THERESA L. PALEC, Mortgages, with principal and postal address at Bldg. 018, Lot 11, Third Divisi^on Western Homes, Santa Matilde, Marikina City to satisfy the mortgage indebtedness which as of January 31, 2019 amounts to FOUR HUNDRED NINE HUNDRED FORTY FIVE THOUSAND FIVE HUNDRED TWO PESOS & 00/100 (P445,942.47, Philippine Currency, inclusion of interest, service charge, penalty charge, up to the date of sale, franchise expenses and other bank charges and attorney's fees, the undersigned will sell at public auction on **MAXILOT 10:00 A.M.** or soon thereafter at the main entrance of the Office of the Clerk of Court, RTC Marikina City, Agoncillo Highway, Imus, Cavite, to the highest bidder for US\$ and in Philippine Currency, the following property with all appurtenances thereto, to wit:

TRANSFER CERTIFICATE OF TITLE NO. 02-101884239

"A parcel of land (Lot 1-A, Blk. 1 of the subdivision Plan, Pgd-04-22827, being a portion of Lot 2494, Titled Tapan (R-14-005107), CR-100 No. 8642), situated in the Reg. Office, Div. of Census, Prob. of Cavite, St. Agustin, bounded on the NE, along line 1-2 by Road Lot 6, on the SE, along line 2-3 by Lot 11, Blk. 1, on the SW, along line 3-4 by Lot 20, Blk. 1, on the NW, along line 4-1 by Lot 11, Blk. 1, all of which Plan, etc. containing an area of ONE HUNDRED SIXTY THREE (163) SQUARE METERS." x x x

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

In the event the public auction should not take place on the said date, it shall be held on **MAY 14, 2019 at 10:00 A.M.** without further notice.

Prospective bidders/buyers are hereby required to investigate for themselves the title to the said property and ascertain the status of any liens thereon.

Imus, Cavite, March 13, 2019.

(Sgd.) **WILMAR M. DE VILLA**
Sheriff IV

APPROVED:

(Sgd.) **REGALADO E. EUSEBIO**
Clerk of Court VI & Ex-Gratia
Sheriff

COPY FURNISHED:

MAYBANK PHILIPPINES, INC.
Mortgages, Corporate Center, 79 Avenue corner 29th Street, Bonifacio Global City, Taguig City

ATTY. KATRINA S. LEAL
c/o Maybank, 79th Floor, Laguna Towers 300
T. Corrajo St. corner Roxas Blvd., Makati, Manila

TERRENIAL, PALEC and EVELYN THERESA L. PALEC
Bldg. 0-A, Lot 11, First Divisi^on Western Homes
Santa Matilde, Marikina City

Perforated: **DIYARDO KABITENYO**
Date: **March 13, 23 and April 1, 2019**

REPUBLIC OF THE PHILIPPINES
COURT JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH III
IMB, CAVITE

COL. SARAS E. MASANGYA (RET.)
Plaintiff

VS.

ACA CASE No. 133-19

ELMER RAY P. SORIANO, EMY LINA
P. SORIANO, RHONA MAY P. SORIANO
represented by ROMEO MELANJO P. SORIANO,
also in his own behalf

Defendants.

NOTICE OF SHERIFF'S SALE

WHEREAS, by virtue of the Writ of Execution dated October 19, 2018 issued by this Honorable Court, in the above-captioned case, wherein COL. SARAS MASANGYA (RET.) is the plaintiff and ELMER RAY P. SORIANO, EMY LINA P. SORIANO, RHONA MAY P. SORIANO, represented by ROMEO MELANJO P. SORIANO, also in his own behalf are the defendants, in the recovery of the sum of FOUR HUNDRED FIVE THOUSAND PESOS (P405,000.00) Philippine Currency including all the lawful fees for the service of the execution **NOTICE OF SHERIFF'S SALE** is hereby made, property listed below:

TRANSFER CERTIFICATE OF TITLE No. T-46764

A parcel of land (Lot 1-A, of the subdivision plan, Pgd-04-19-082186, being a portion of Lot 1, Blk. 1, Pgd-04-05930) L.R.C. No. No. 1 situated in the Reg. Office of Marikina, Marikina, Prob. of Cavite, bounded on the SE & S, along line 1-2 by Rd. Lot 1, on the W, along line 3-4 by Lot 2, Blk. 1 lots of Pgd-04-01950, on the N, along line 4-0 by Lot 1, Blk. 1 of the Subd. Plan, on the E, along line 1-1 by Rd. Lot 1, Pgd-04-01950, beginning at a point marked "1" x x x enclosing an area of ONE HUNDRED SIXTEEN (116) SQ. METERS, x x x

Now, THEREFORE, by virtue of the Writ of Execution and in accordance with the provisions of Section 19 of Rule 39 of the Rules of Court of the Philippines, the undersigned Sheriff IV hereby gives notice to all interested parties and to the public in general that on **April 1, 2019 at 10:00 A.M.** or soon thereafter, will sell at public auction to the highest bidder and for CASH in Philippine Currency at the main entrance of the Regional Trial Court Hall of Justice (Batasang ng Katatagan) Agoncillo Highway, Imus, Cavite, the above-listed parcel real properties, in part of the same, sufficient to satisfy the full amount of execution and all lawful expenses of the execution sale.

Imus, Cavite, Philippines, March 13, 2019.

(Sgd.) **ANSELMO E. PAGUNSAN, JR**
Sheriff IV

Copy Furnished:

COL. SARAS E. MASANGYA (RET.)
11 Managata St., 3FA Subd., Taguig, Marikina City

ELMER RAY, EMY LINA, RHONA MAY, ROMEO MELANJO all surnames SORIANO
393 Alford Homes, Marikina 18, Imus, Cavite

Perforated: **DIYARDO KABITENYO**
Date: **March 13, 23 and April 1, 2019**

Designer organelles bring new functionalities into cells

For the first time, an entire laser-engineered complex biological process of translation into a designer organelle in a living mammalian cell.

Research by the Lemis group at the European Molecular Biology Laboratory (EMBL) – in collaboration with IGM Mainz and IMB Mainz – used this technique to create a membraneless organelle that can build proteins from natural and synthetic amino acids carrying new functionality. Their results – published in *Science* on 29 March – allow scientists to study, tailor, and control cellular function in more detail.

During evolution, the development of new organelles allows cells and organisms to become more complex, due to the ability to sort cellular processes into specific foci. "Our tool can be used to engineer translation, but potentially also other cellular processes like transcription and post-translational modifications. This might even allow us to engineer new types of organelles that extend the functional repertoire of natural complex living systems," explains Christopher Redburn, EMBL PhD student at EMBL and IGM Mainz and co-first author of the paper. "We could for example incorporate fluorescent building blocks that allow a glimpse inside the cell using imaging methods." "The organelle can make proteins by using synthetic non-canonical amino acids. Currently we know of more than 300 different non-canonical amino acids – compared to 20 which are naturally occurring. We are no longer restricted to the latter ones," says co-first author Gemma Estrella-García. "The novelty we introduce is the ability to use these in a confined space, the organelle, which minimizes the effects on the host." Translation is such a complex process that it cannot be contained in one single organelle surrounded by a membrane. Therefore, inspiration was drawn from phase separation: the process responsible for the formation of membraneless organelles in vivo, such as nucleus or stress granules.

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCHED OFFICE
DASMAHALLA CITY, CAVITE

NATIONAL HOME MORTGAGE
FINANCE CORPORATION (NHMFC)
Pledgor/Mortgagor

File No. PC-DC-004-18
EXTRA JUDICIAL FORECLOSURE
OF REAL ESTATE MORTGAGE
UNDER ACT 153, AS AMENDED
BY ACT 419

MIRANDA DE MONTEVERDE ESCUREL
married to ALBERTO E. ESCUREL
Respondent/Mortgagee

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCHED OFFICE
DASMAHALLA CITY, CAVITE

HANGKO SENTRAL NG PILIPINAS
Pledgor/Mortgagor

File No. PC-DC-000-18
EXTRA JUDICIAL FORECLOSURE
OF REAL ESTATE MORTGAGE
UNDER ACT 153, AS AMENDED
BY ACT 419

MARIA EVA S. NACHON
Respondent/Mortgagee

NOTICE OF SHERIFF'S SALE

Upon extra-judicial petition for sale under Act 153, as amended by Act 419 filed by the petitioner-mortgagor, NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC), a government-owned and controlled corporation organized under P.D. No. 1287, with postal address at No. 106 Alameda Street, Laguna Village, Marikina City against the respondent-mortgagee, MIRANDA DE MONTEVERDE ESCUREL married to ALBERTO E. ESCUREL, with postal address at Block 2 Lot 3 Phase 1 City Homes - Dasmahalla, Bu. Bards, Dasmahalla City, Cavite under No. 1333 EIGHT HUNDRED FIFTY FOUR THOUSAND NINE HUNDRED SEVENTY NINE PESOS & 00/100 (P85,479.00), exclusive of pending and all legal fees and expenses incidental to this foreclosure suit and, the undersigned Sheriff will sell at public auction on **22 MAY 2019 at 11:00 AM** to the First, Dasmahalla Community Affairs (DASCA) Building, Congressional Road, District 1, Dasmahalla City, Province of Cavite to the highest bidder and 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:

NOTICE OF SHERIFF'S SALE

Upon extra-judicial petition for sale under Act 153, as amended by Act 419 filed by the petitioner-mortgagor, HANGKO SENTRAL NG PILIPINAS, a government-owned and controlled corporation organized under R.A. No. 703, with postal address at 587 Building A, Malibon corner Pardo Campus, 3d Street, Malibon, Marikina against the respondent-mortgagee, MARIA EVA S. NACHON, with postal address at No. 2037-A South Street, Malibon, Marikina under No. 112 Malibon Street, Malibon, Marikina City and for the satisfaction of the assigned debt which is of 16 Nineteen Thousand Five Hundred Fifty Seven Thousand Four Hundred Thirty Two Pesos and 00/100 (P85,479.00), exclusive of all legal fees and expenses incidental to this foreclosure suit and, the undersigned Sheriff will sell at public auction on **22 MAY 2019 at 11:00 AM** to the highest bidder and 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-347578

A parcel of land Lot 3 Block 2 of the subdivision plan No. 004-02994, being a portion Lot 2191, Block 2, R.C. Record No. 1 situated in the Brgy. of David, Municipality of Dasmahalla, Province of Cavite, as shown in the TR, along line 1-2 by lot 4, Block 2, on the NW, along line 2-3 by Alley 1, on the NE, along line 3-4 by Lot 2, Block 2, on the SE, along line 4-1 by the Lot 2, all of the said parcel, beginning as a point marked "1" on plan, being N. 48 deg. 50'E., 270.18 m. from Mark 123, Iron Station, thence N. 74 deg. 47'E., 23.00 m. to pt. 2, thence N. 17 deg. 17'E., 4.00 m. to pt. 3, thence S. 74 deg. 47'E., 13.00 m. to pt. 4, thence S. 15 deg. 17'W., 4.00 m. to the pt. of beginning, covering an area of FIFTY TWO (52) SQUARE METERS. All areas referred to are indicated on the plan and are marked on the ground by PS cpl. cone. mark. 15660 on bearings true, date of orig. survey, July 27, 1969 (Plan 11, 1008 and that of the said survey, Sept. 10, 1992 - Plan 31, 1982, and was approved on Feb. 10, 1992).

Transfer Certificate of Title No. T-463937

A parcel of land Lot 1, Block 7, of the subdivision plan, No. 04-02782, being a portion of Lot 1225, Iron Station (No. 06-69777), R.C. Record No. 1 situated in the Brgy. of Solano, Municipality of Dasmahalla, Province of Cavite, bounded on the SW, along line 1-2 by Lot 2, Block 7, on the NW, along line 2-3 by Lot 1, on the NE, along line 3-4 by Lot 4, on the SE, along line 4-1 by Lot 5, Block 7, all of the said area, beginning as a point marked "1" on plan, being S. 16 deg. 39'W., 103.30 m. from Mark 140, Iron Station, thence S. 56 deg. 20'W., 6.61 m. to pt. 2, thence N. 22 deg. 19'W., 7.16 m. to pt. 3, thence N. 8 deg. 47'E., 3.70 m. to pt. 4, thence N. 17 deg. 17'E., 4.00 m. to pt. 5, thence N. 45 deg. 50'E., 18 m. to pt. 6, thence N. 51 deg. 20'E., 0.77 m. to pt. 7, thence N. 76 deg. 20'E., 6.31 m. to pt. 8, thence S. 12 deg. 24'E., 3.00 m. to the pt. of beginning, covering an area of SIXTY SEVEN (67) SQ. METERS. All areas referred to are indicated on the plan and are marked on the ground by PS-cpl. cone. mark. 15660 on bearings true, date of orig. survey, July 27, 1969 (Plan 11, 1008 and that of the said survey, June 25-17, 1995 and was approved on Dec. 1995).

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

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

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

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 time and date, it shall be held on **22 May 2019** at the same time and place without further notice.

In the event the public auction should not take place on the said time and date, it shall be held on **22 May 2019** at the same time and place without further notice.

01 March 2019, Dasmahalla City, Province of Cavite.

01 March 2019, Dasmahalla City, Province of Cavite.

Dkt. ALVARO B. MUARES
Sheriff

Dkt. MARYCEL B. RAYBAY
CLERK OF COURT

Dkt. MARYCEL B. RAYBAY
CLERK OF COURT

Copy Furnished:

NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC)
No. 106 Alameda Street, Laguna Village, Marikina City

MIRANDA DE MONTEVERDE ESCUREL, married to ALBERTO E. ESCUREL
Block 2 Lot 3 Phase 1 City Homes - Dasmahalla, Bu. Bards, Dasmahalla City, Cavite

and/or

No. 1233 Paz, Puro, Marikina

Notices posted at:

- The Bulletin Board of Regional Trial Court, Dasmahalla City, Cavite
- The Bulletin Board of Dasmahalla City Hall
- The Bulletin Board of Dasmahalla City Post Office
- The Bulletin Board of Dasmahalla City Public Market

Publication: DIVARVO KARBENYO
Date: March 25, April 1 & 8, 2019

Copy furnished:

HANGKO SENTRAL NG PILIPINAS
587 Building A, Malibon corner Pardo Campus, 3d Street, Malibon, Marikina

BERNALDO DIRECTO & PO LAW OFFICES
104 Floor Cityland Condominium 10 Tower 1
6813 Ayala Avenue corner H.V. Dada Cross Street, Malibon City

MARIA EVA S. NACHON
No. 2037-A South Street, Malibon, Marikina and/or
No. 412 Malibon Street, Marikina City

Notices posted at:

- The Bulletin Board of Regional Trial Court, Dasmahalla City, Cavite
- The Bulletin Board of Dasmahalla City Hall
- The Bulletin Board of Dasmahalla City Post Office
- The Bulletin Board of Dasmahalla City Public Market

Publication: DIVARVO KARBENYO
Date: March 25, April 1 & 8, 2019

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH 30 (9)
DASMARINAS, CAVITE

BANGKO SENTRAL NG PHILIPPINAS
Patriot's Mortgage

File No. PC-DC-0091-18
EXTRA JUDICIAL FORECLOSURE
OF REAL ESTATE MORTGAGE
(UNDER ACT 3153, AS AMENDED
BY ACT 4101)

MARIVIC L. MENENDES,
Respondent/Mortgagee

NOTICE OF SHERIFF'S SALE

Upon extra-judicial petition for sale under Act 3153, as amended by Act 4101 filed by the petitioner mortgagee, BANGKO SENTRAL NG PHILIPPINAS, a government instrumentality created and existing by virtue of R.A. No. 2033, with postal address at BSP Building, A, Makati corner Poblacion (Cebu), St. Erasmio, Makati, Manila against the respondent mortgagee, MARIVIC L. MENENDES, with postal address: 8126, 1994 J. Paguio Street, Sampaloc, Manila and/or No. 112 Makara Street, Marikina, Calabarzon City and for the satisfaction of the mortgaged debt which as of 30 November 2017 amounted to SEVEN HUNDRED TWENTY ONE THOUSAND SIX HUNDRED EIGHTY PISOSES & 00/100 (P7p 721,682.80), execution of all legal fees and expenses incidental to this foreclosure and sale, the undersigned Sheriff will sell at public auction on **12 MAY 2019** at 10:00 o'clock on the morning or noon thereafter in the Court Room of Branch 30, Regional Trial Court, Ground Floor, Dasmarinas Courtroom Adjacent (DASMA) Building, Congressional Road, District 1, Dasmarinas City, Province of Cavite to the highest bidder and 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-422961

A parcel of land (Lot 38, 39, 10, of the subdiv. plan, Pct-04-087032, being a portion of Lot 1291, Imao Estate (Pct-04-081577) and Lot 1300, Imao Estate, (Pct-04-082040), L.R.C. File No. 1, situated in the Municipality of Marikina, City of Dasmarinas, Province of Cavite, interest of Litoan, bounded on the SW, along line 1-2 by Lot 17, on the NW, along line 1-1 by Lot 36, both of Title, 10, on the NE, along line 3-4 by Road Lot 2; on the SE, along line 4-1 by Lot 45, 38, 10, all of the afores. (hereinafter as a parcel, being 81.00 deg. 49'W, 519.66 m. from Man. No. 140, Imao Estate (Davao N. 6 deg. 31'W, 4.09 m. to pt. 1, Imao N. 48 deg. 15'E, 9.10 m. to pt. 1, Imao N. 5.8 deg. 21'E, 4.00 m. to pt. 4, Imao N. 39 deg. 39'W, 8.00 m. to the pt. of beginning, containing or over of THREE SIX (36) SQ. METERS. All pts. referred to are indicated on the plan and are marked on the ground by P.L. C.P. iron, iron, 15x40 cm., bearings (true) from orig. survey, July 27, 1907-June 11, 1908 and that of the subdiv. survey, June 13-17, 1965, and was approved on Dec. 18, 1965.

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

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 **21 May 2019** at the same time and place without further notice.

01 March 2019, Dasmarinas City, Province of Cavite.

(Sgt.) ALVARO D. MIARES
Sheriff

(Sgt.) ATTY. MARCELAL BAYBAY
CLERK OF COURT

Copy furnished:

BANGKO SENTRAL NG PHILIPPINAS
107 Building, A, Makati corner Poblacion (Cebu), St. Erasmio, Makati, Manila

BERNALDO BIRECJO & PG LAW OFFICES
16th Floor Citywide Condominiums JF Tower 2
4813 Ayala Avenue corner J.N. Dela Costa Street, Makati City

MARIVIC L. MENENDES
No. 1994 J. Paguio Street, Sampaloc, Manila and/or No. 112 Makara Street, Marikina
Calabarzon City

Notice posted at:

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

Publisher: DIVARDO KABITENYO
Date: March 15, April 1 & 8, 2019

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH 30 (9)
DASMARINAS CITY, CAVITE

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

File No. PC-DC-4882-18
EXTRA JUDICIAL FORECLOSURE
OF REAL ESTATE MORTGAGE
(UNDER ACT 3153, AS AMENDED
BY ACT 4101)

RODOLFO ENCINARES HAS married to DAISY HIAS,
Respondent/Mortgagee

NOTICE OF SHERIFF'S SALE

Upon extra-judicial petition for sale under Act 1175, as amended by Act 4101 filed by the petitioner mortgagee, NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC), a government-owned and controlled corporation created under P.D. No. 1287, with postal address at 100 Aurora Street, Legaspi Village, Makati City, against the respondent mortgagee, RODOLFO ENCINARES HAS married to DAISY HIAS with postal addresses at Block 15 Lot 19 Carina, Marikina, Cavite and/or No. 256-105 San Guillermo Street, Palanan, Marikina City and for the satisfaction of the mortgaged debt which as of 29 June 2017 amounts to SIX HUNDRED THIRTY NINE THOUSAND FIVE HUNDRED THIRTY THREE PESOS & 07/100 (P649,833.07), exclusive of penalty, all legal fees and expenses incidental to this foreclosure and sale, the undersigned Sheriff will sell at public auction on **12 MAY 2019** at 10:00 o'clock on the morning or noon thereafter in the Court Room of Branch 30, Regional Trial Court located at the Ground Floor, Dasmarinas Courtroom Adjacent (DASMA) Building, Congressional Road, District 1, Dasmarinas City, Province of Cavite to the highest bidder and 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-484479

A parcel of land (Lot 19 sub. 13, of the subdiv. survey, Pct-02106-007077, being a portion of the cons. of lots 1 & 2, Pct-042106-007023, (L.R.C. File No. 1, situated in the 3RD Subdiving, Mica, of Dasmarinas, Prov. of Cavite, bounded on the NW, along line 1-2 by Lot No. 7, on the NE, along line 2-3 by Lot 20, Mica, 13, on the SE, along line 3-4 by lot 11, 8B, 2, and on the SW, along line 4-1 by lot 14, 8A, 15, all of the subdiv. plan. Beginning at a pt. marked "T" on show, being 79.87 deg. 24'W, 685.79 m. to Man. 164, Imao Est. (Imao N. 59 deg. 44'E, 1.75 m. to pt. 2, Imao N. 30 deg. 15'E, 9.33 m. to pt. 2, Imao N. 59 deg. 45'W, 2.79 m. to pt. 4, Imao N. 10 deg. 15'E, 8.33 m. to pt. 4 of beginning, containing an area of FIFTY FIVE (55) SQ. METERS. All pts. referred to are indicated on the plan & are marked on the ground by P.L. C.P. iron, 15x40 cm., bearings (true) from orig. survey, July 27, 1907-June 11, 1908 & that of the cons.-subd. survey, May 31-Aug. 23, 1962 & was approved on Dec. 1, 1962.

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

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 **21 May 2019** at the same time and place without further notice.

01 March 2019, Dasmarinas City, Province of Cavite.

(Sgt.) ALVARO D. MIARES
Sheriff

(Sgt.) ATTY. MARCELAL BAYBAY
CLERK OF COURT

Copy furnished:

NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC)
No. 100 Aurora Street, Legaspi Village, Makati City

RODOLFO ENCINARES HAS married to DAISY HIAS
Block 15 Lot 19 Carina Marikina and/or No. 256-105 San Guillermo Street
Palanan, Marikina City, Cavite

Notice posted at:

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

Publisher: DIVARDO KABITENYO
Date: March 15, April 1 & 8, 2019

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH XC (90)
DASMARINAS CITY, CAVITE

NATIONAL HOME MORTGAGE
FINANCE CORPORATION (NHMFC)
Petitioner/Mortgagee

vs.

EDGAR F. MANALILI married to VILMA M. MANALILI
Respondent/Mortgagor

File No. PC-DC-4984-18
EXTRA JUDICIAL FORECLOSURE
OF REAL ESTATE MORTGAGE
UNDER ACT 3151, AS AMENDED
BY ACT 4118

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH XC (90)
DASMARINAS CITY, CAVITE

NATIONAL HOME MORTGAGE
FINANCE CORPORATION (NHMFC)
Petitioner/Mortgagee

vs.

SPS. ELODIE VALENCIA SEMILLANO & LYRA P. SEMILLANO
Respondent/Mortgagor

File No. PC-DC-4997-18
EXTRA JUDICIAL FORECLOSURE
OF REAL ESTATE MORTGAGE
UNDER ACT 3151, AS AMENDED
BY ACT 4118

NOTICE OF SHERIFF'S SALE

Upon extra-judicial notice for sale under Act 3133, 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. 1217, with postal address at No. 104 Amorsolo Street, Legaspi Village, Makati City against the respondent/mortgagor, EDGAR F. MANALILI married to VILMA M. MANALILI with postal address at Block 22 Lot 28 Viva Homes Subdivision, Sto. Salvo, Dasmarinas City, Cavite and/or No. 2984 Kahaway Street, Block 4 Lot 1400 (Pkg 1) (Pkg 1A, 1B, 1C), exclusive of parcel, all legal fees and expenses incidental to this foreclosure and sale, the undersigned Sheriff will sell at public auction on **12 MAY 2019** at 10:00 o'clock in the morning at noon thereafter in the Court Room of Branch 90, Regional Trial Court located at the Ground Floor, Dasmarinas Community Affairs (DASCA) Building, Congressional Road, Branch 1, Dasmarinas City, Province of Cavite to the highest bidder and 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-773448

A parcel of land 11.20 H.A. of the said plan, Pgd-04-084003, being a portion of Lot 1701-A, Pgs. 742-75, L.R.C. No. 71, situated in the City of Kawang, Prov. of Zamboanga, Pampanga, Pampanga, bounded on the W. along line 1-2 by Lot 29 H.A. 22, on the N. along line 2-3 by Rd. Lot 22, on the E. along line 3-4 by Lot 30 & on the S. along line 4-1 by Lot 27 and 28 H.A. 22, all of the said plan, beginning at a pt. marked "1" on plan, bearing S. 15 deg. 38'E., 1605.75 m. from Mon. 170, linear station, thence N. 00 deg. 01'E., 1.72m. to pt. 2; thence SUE EAST 2.00m. to pt. 3; thence S. 30 deg. 47'W., 4.25 m. to pt. 4; thence D.C.E. WEST 0.80 m. to the pt. of beginning, containing an area of 58.25207 (58.25) METERS. All pts. referred to are indicated on the plan and are marked on the ground by 12-cm. iron nails. (Sketch, bearing true date of original survey, July 27, 1905; same T.C. 1908 & that of the said survey) May 2-23, 1935 & was approved on Oct. 09, 1935

Prospective buyers and/or bidders are hereby enjoined to investigate for themselves the title of the said real property and the encumbrances 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 public auction should not take place on the said date and time, it shall be held on **22 May 2019** at the same time and place without further notice.

At March 2019, Dasmarinas City, Province of Cavite.

(Sgd.) ALVARO D. MIJARES Sheriff

(Sgd.) LATTY MARCELAL BAYRAY CLERK OF COURT

Copy furnished:

NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC) No. 104 Amorsolo Street, Legaspi Village, Makati City

EDGAR F. MANALILI married to VILMA M. MANALILI Block 22 Lot 28 Viva Homes Subdivision No. Salvo, Dasmarinas City, Cavite and/or No. 2984 Kahaway Street Makati City

Notice posted at:

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

Publication: DIWARYO KABITENYO Date: March 25, April 1 & 8, 2019

NOTICE OF SHERIFF'S SALE

Upon extra-judicial notice for sale under Act 3133, 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. 1217, with postal address at No. 104 Amorsolo Street, Legaspi Village, Makati City against the respondent/mortgagee, SPS. ELODIE VALENCIA SEMILLANO & LYRA P. SEMILLANO with postal address at Block 14 Lot 56 Malina Homes II - Dasmarinas, Brgy. Salvo, Dasmarinas City, Cavite and/or No. 1669 Kabilawa 3, Pambasin, Marikina and for the satisfaction of the mortgaged debt which are of 71 May 2018 amount to SIX HUNDRED SEVENTY THREE THOUSAND FIVE HUNDRED SIXTY NINE PESOS & 20/100 (Pkg 673,569.24), exclusive of parcel, all legal fees and expenses incidental to this foreclosure and sale, the undersigned Sheriff will sell at public auction on **12 MAY 2019** at 10:00 o'clock in the morning at noon thereafter in the Court Room of Branch 90, Regional Trial Court located at the Ground Floor, Dasmarinas Community Affairs (DASCA) Building, Congressional Road, Branch 1, Dasmarinas City, Province of Cavite to the highest bidder and 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-698613

A parcel of land 0.45 H.A. of the said plan, Pgd-04104-007/094 being a portion of the case of Lots 8110 & 8113 Pgd-190684, R.C. Rec. No. 3, situated in the City of Zamboanga, Prov. of Zamboanga, Pampanga, bounded on the N.E. along line 1-2 by Lot 73 H.A. 14, on the S.E. along line 2-3 by Lot 74 H.A. 14, on the S.W. along line 3-4 by Rd. Lot 4, on the N.W. along line 4-1 by Lot 74 H.A. 14, all of the said plan, beginning at a pt. marked "1" on plan, being S. 86 deg. 59'E., 596.80 m. from Mon. 134, linear station, thence S. 26 deg. 14'E., 4.50 m. to pt. 2; thence S. 63 deg. 46'W., 9.30 m. to pt. 3; thence N. 24 deg. 14'W., 8.10 m. to pt. 4; thence N. 63 deg. 46'W., 3.20 m. to the pt. of beginning, containing an area of SIXTY ONE SQ. METERS AND EIGHTY SQ. DECIMETERS (61.80) A.G. pts. referred to are indicated on the plan and are marked on the ground by 12-cm. iron nails. (Sketch, bearing true date of orig. survey, July 27, 1905; same T.C. 1908 and that of the said survey, June 12, Aug. 13, 1910 and was approved on Oct. 12, 1910.

Prospective buyers and/or bidders are hereby enjoined to investigate for themselves the title of the said real property and the encumbrances 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 public auction should not take place on the said date and time, it shall be held on **22 May 2019** at the same time and place without further notice.

At March 2019, Dasmarinas City, Province of Cavite.

(Sgd.) ALVARO D. MIJARES Sheriff

(Sgd.) LATTY MARCELAL BAYRAY CLERK OF COURT

Copy furnished:

NATIONAL HOME MORTGAGE FINANCE CORPORATION (NHMFC) No. 104 Amorsolo Street, Legaspi Village, Makati City

SPS. ELODIE VALENCIA SEMILLANO & LYRA P. SEMILLANO Block 14 Lot 56 Malina Homes II - Dasmarinas Brgy. Salvo, Dasmarinas City, Cavite and/or No. 1669 Kabilawa 3, Pambasin, Marikina

Notice posted at:

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

Publication: DIWARYO KABITENYO Date: March 25, April 1 & 8, 2019

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH 11
CITY OF BACOROD

PETITION FOR ISSUANCE OF OWNER'S
DUPLICATE COPY OF TRANSFER
CERTIFICATE OF TITLE NO. 1718851 OF
THE REGISTRY OF DEEDS OF THE
PROVINCE OF CAVITE

LRI-0843-2018-104

K-SING REALTY CORPORATION
Represented by CRISTINA C.
BOMARANTA,

Petitioner,

AMENDED ORDER

This is a petition instituted by K-Sing Realty Corporation, represented by Cristina C. Bomaranta for issuance of owner's duplicate copy of Transfer Certificate of Title No. T-170851 of the Registry of Deeds of the Province of Cavite.

NOTICE IS GIVEN that the petition is set for hearing on 22 April 2019 at 9:30 o'clock in the morning. All those interested are urged to appear and show cause why it should not be granted.

Let this Order be published once a week for three consecutive weeks in a newspaper of general circulation in the Province of Cavite.

The Sheriff of this Court is ordered to give copies of this Order to those concerned parties in the Bacorod City, Cavite where the subject property is situated.

Forward copy of this Order the Registrar of Deeds for the Province of Cavite.

SO ORDERED.

City of Bacorod, 13 October 2018.

(Sgd.) **EDUARDO ISRAEL TANGUANCO**
Executive Judge

Publisher: **DIWASYO KABITENYO**
Date: March 25, April 1 & 8, 2019.

Bacteria partners with virus to cause chronic wounds

A common bacterial pathogen called *Pseudomonas aeruginosa* produces a virus that substantially increases the pathogen's ability to infect us, according to a study by investigators at the Stanford University School of Medicine.

P. aeruginosa weaponizes its resident virus to exploit the immune system's distinct responses to bacterial versus viral infections.

This marks the first time a bacteria infecting virus, otherwise known as a bacteriophage, or

just phage, has been discovered inducing the immune system to mount an antiviral response, in doing so, causing it to ignore the bacterial infection. When the scientists generated a vaccine directed at the virus, they showed that

it dramatically lowered the bacteria's ability to infect wounds in mice.

Detailed in a study to be published March 29 in *Science*, the findings could fuel new ways of preventing chronic, intractable infections by keeping antibiotic-resis-

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH 11
CITY OF BACOROD

IN THE MATTER OF CANCELLATION OF
CERTIFICATE OF LIVE BIRTH OF
ELIZABETH R. ECAT ISSUED BY LOCAL
CIVIL REGISTRAR OF BACOROD AND TO
REOBTAIN THE CERTIFICATE OF LIVE BIRTH
ISSUED BY LANANG, LANUZA SERGIO DEL SUR

RSF-2018-101

ELIZABETH R. ECAT,

Petitioner,

vs.

LOCAL CIVIL REGISTRAR OF BACOROD,
LOCAL CIVIL REGISTRAR OF LANANG,
LANUZA SERGIO DEL SUR AND
PHILIPPINE STATISTICS OFFICE (PSA)

Respondents.

ORDER

This is a petition instituted by Elizabeth R. Ecat for cancellation of Certificate of Live Birth of Elizabeth R. Ecat issued by Local Civil Registrar of Bacorod and to obtain the Certificate of Live Birth issued by Lanang, Lanuza Sergio del Sur.

NOTICE IS GIVEN that said petition has been set for hearing on 16 April 2019 at 9:30 o'clock in the morning. All those interested are urged to appear and show cause why the same should not be granted.

Let this Order be published once a week for three consecutive weeks in a newspaper of general circulation in the Province of Cavite.

Forward copies of this Order and petition the Office of the Solicitor General, the City Civil Registrar of Bacorod, Local Civil Registrar of Lanang, Lanuza Sergio del Sur and Philippine Statistics Authority, Quezon City.

SO ORDERED.

City of Bacorod, 17 November 2018.

(Sgd.) **EDUARDO ISRAEL TANGUANCO**
Executive Judge

Publisher: **DIWASYO KABITENYO**
Date: March 25, April 1 & 8, 2019.

REPUBLIC OF THE PHILIPPINES
FOURTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH 11
CAVITE CITY

IN RE: PETITION FOR APPROVAL OF
WILL OF GINA V. TACUYAN,

SF. PROC. NO. 3-2019

IVYER LEE S.A.A. JENITA V. TACUYAN,

Petitioner,

NOTICE OF HEARING

A certified amended petition was filed by Iyver Lee S.A.A. Jenita V. Tacuyan, praying that after due notice and publication, an order be issued for the approval of the will of Gina V. Tacuyan.

If appearing that said petition is sufficient in form and substance, the hearing of this case is set on **16 April 2019 at 9:30 a.m.**, at which time, form and place, interested parties may appear and show cause why the same should not be granted.

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

Forward the Office of the Solicitor General, the Local Civil Registrar of the City of Cavite and the petitioner with copies of this notice and petition.

WITNESS the Honorable GIEY ANA S. DE VELLA-BOMBIA, Acting Presiding Judge of this Court, this 28th day of February 2019.

(Sgd.) **MARINELA M. RAMOS**
Clerk, Branch Clerk of Court

Publisher: **DIWASYO KABITENYO**
Date: March 25, April 1 & 8, 2019.

stant bacteria from inter graduate student getting a foothold in the first place. The discovery that phages foster bacterial infections who adds a previously unexpected layer of complexity to the relationship between us and the billions of bacteria inhabiting our gut and other organs.

Paul Bulky, MD, PhD, assistant professor of infectious diseases and of microbiology and immunology, is the study's senior author. The lead author is ha-

imian Swenson, PhD.

"We've long known that you've got up to 10 quadrillion phages in your body, but we just figured whatever they were doing was strictly between them and your commensal bacteria," Bulky said. "Now we know that phages can get inside your cells, too, and make you sick."

There's currently no approved vaccine targeting *P. aeruginosa*, an increasingly drug-resistant pathogen.

REPUBLIC OF THE PHILIPPINES
EIGHTH JUDICIAL REGION
REGIONAL TRIAL COURT
BRANCH 18
CITY OF DASMARINAS, CAVITE

IN RE: PETITION FOR RECONSTITUTION OF THE ORIGINAL COPY OF TRANSFER CERTIFICATE OF TITLE NO. 1-7551 OF THE REGISTRY OF DEEDS FOR THE PROVINCE OF CAVITE.

LRC CASE NO. DC-606-18

ANCELO RAVELO RODRIGUEZ
Hereby represented by his Attorney-in-Fact,
GERTRUDIS DELA PEÑA GERMONO,
Petitioner,

O R D E R

This is a verified petition filed August 18, 2018 that he petitioner through counsel for Reconstitution of the Original Copy of Transfer Certificate of Title No. 1-7551 of the Registry of Deeds for the Province of Cavite, praying for after due notice and hearing the Honorable Court order and direct the Register of Deeds of Cavite to issue new Certificate of Title to said petition.

In compliance with the petition is sufficient in form and substance, the same is set for hearing on May 23, 2019 at 10:00 o'clock in the morning, before this court during which date and time, all interested parties are ordered to appear and show cause, if any why the said petition should not be granted.

Petitioner is ordered to cause, thru the Deputy Sheriff of this Court for the posting of this order and petition, pursuant to Section 110 of the Presidential Decree No. 1525 in relation to R.A. 76, to three conspicuous places as well as the Register of Deeds of the Province of Cavite and at the local hall at least fifteen (15) days before the said hearing, and to cause the publication once a week for (3) consecutive weeks of this order in the Official Gazette and in a newspaper of general circulation.

Petitioner is hereby required to furnish a copy of this order and a copy of this petition to the opposing review and to show proof thereof before the date of hearing.

Further, the petitioner is directed that copy of this petition and its annexes be served upon the Office of the Solicitor General, Register of Deeds of Cavite, Office of the City Prosecutor and the Land Registration Authority in the province of Cavite within five (5) days upon receipt of this order. Failure to do so will be ground for the dismissal of the petition.

The Land Registration Office is also ordered to continue on the said petition within 30 days from receipt hereof.

NO ORRERED.

City of Dasmariñas, Cavite, February 21, 2019

(Sgt.) NIVEN R. CANLAPAN
Acting Presiding Judge

- COPY FURNISHED:**
- GERTRUDIS DELA PEÑA GERMONO
Petitioner
RR. 714 7 Regal Homes, Alapan I-A
Imus City, Cavite
 - ATTY. JAIME I. CORDERO, JR.
Counsel for Petitioner
Rm. 3 LL 14 Villa Lomasada Subd.,
Bakay St. Tuguegarao,
Imus City, Cavite
 - LAND REGISTRATION AUTHORITY
LRA Building East Avenue,
Quezon City
 - REGISTER OF DEEDS CAVITE
Tung Macabon Cto.
Cavite
 - OFFICE OF THE SOLICITOR GENERAL
124 Ansonia St., Legaspi Village
Manila City
 - OFFICE OF THE CITY PROSECUTOR
DASCA Building
Dasmariñas City, Cavite
- Publication: DIYARYO KABITENYO
Date: March 23, April 1 & 8, 2019

Republic of the Philippines
Local Civil Registry Office
Province: Cavite
City/Municipality: Rosario

NOTICE FOR PUBLICATION

In compliance with Section 3 of Republic Act No. 5044, a notice is hereby served to the public that **MA. RESITA B. CAMESANO** has filed with this Office a petition for change of first name from **RESITA** to **MA. BENDITA** in the birth certificate of **RENITA FAUSTINO HERNANDEZ**, who was born on **01 NOVEMBER 1981** to **ROSARIO CAVITE** and whose parents are **RENATO B. HERNANDEZ** and **ROSARIO P. FAUSTINO**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **25 March 2019**.

(Sgt.) **MARIA ROSARIO C. SORIANO**
Municipal Civil Registrar

DIYARYO KABITENYO - March 11 & 18, 2019

Republic of the Philippines
Province of Cavite
Municipality of Alifan

OFFICE OF THE MUNICIPAL CIVIL REGISTRAR

NOTICE FOR PUBLICATION

In compliance with Section 3 of R.A. No. 5044, a notice is hereby served to the public that **FELICITAN R. HERMOSO** has filed with this office a petition for change of first name from **BEFINA FELICITAS** to **FELICITAS** in the birth certificate of **Rafaela Felicitas Jimeno Rodin** who was born on **July 19, 1961** at Pajo, Alifan, Cavite, and whose parents are **Ulpiano R. Rodin** and **Dolores R. Jimeno**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **April 8, 2019**.

(Sgt.) **TERRESITA A. GALANG**
Civil Registrar

DIYARYO KABITENYO - March 23 and April 1, 2019

REPUBLIC OF THE PHILIPPINES
LOCAL CIVIL REGISTRY OFFICE
PROVINCE OF CAVITE
MUNICIPALITY OF NAIC

NOTICE OF PUBLICATION

In compliance with Section 3 of R.A. No. 5044, a notice is hereby served to the public that **(Petitioner)** has filed with this Office a petition for Change of First Name from **GINA** to **IMELDA** in the birth certificate of **GINA M. ELIZAGA**, born on **AUGUST 28, 1968** to **NAIC CAVITE**, child of spouses **GRIYACIO ELIZAGA** and **LINDA MAGARU**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **April 8, 2019**.

(Sgt.) **GLOBIA P. BAGO**
Municipal Civil Registrar

DIYARYO KABITENYO - March 23 and April 1, 2019

Republic of the Philippines
Local Civil Registry Office
Province: Cavite
City/Municipality: Rosario

NOTICE FOR PUBLICATION

In compliance with Section 3 of Republic Act No. 5044, a notice is hereby served to the public that **IRENE B. DIARTE** has filed with this Office a petition for change of first name from **LILIBETH** to **IRENE** in the birth certificate of **LILIBETH IRANEZ REYES** who was born on **01 AUGUST 1961** to **ROSARIO CAVITE** and whose parents are **DANILO A. REYES** and **LOUISA A. IRANEZ**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **08 April 2019**.

(Sgt.) **MARIA ROSARIO C. SORIANO**
Municipal Civil Registrar

DIYARYO KABITENYO - March 23 and April 1, 2019

Harnessing T-cell 'stemness' could enhance cancer immunotherapy

A new study led by scientists in the Center for Cancer Research (CCR) at the National Cancer Institute (NCI) sheds light on one way tumors may continue to grow despite the presence of cancer-killing immune

cells. The findings, published March 29, 2019, in *Science*, suggest a way to enhance the effectiveness of immunotherapies for cancer treatment. NCI is part of the National Institutes of Health.

Dying cancer cells

release the chemical effects of high potassium-potassium, which can sum – could make cancer-treatments more effective.

This study helps us better understand why cancer immunotherapy works the way it does," said Nicholas Restifo, M.D., of NCI's CCR, who led the research team. "It could also point the way to more long-lasting responses in these treatments."

EXTRAJUDICIAL SETTLEMENT OF ESTATE WITH DEED OF ABSOLUTE SALE

NOTICE is hereby given that the estate of the late GERMAN S. BEYES and ADELAIDA R. BEYES who both died intestate on February 15, 1984 at Cavite City and on October 22, 2018 at Hattara Hospital, Cavite City, respectively, consisting of a parcel of land and a house together with all the improvements thereon, located at J. Felipe Blvd., Brgy. 31 (Maya Maya), Cavite, CAVITE CITY, covered by TCT No. 74770, containing an area of One Hundred Twenty Eight (128) square meters, more or less, has been adjusted and comparatively settled by and between their heirs in equal shares with Deed of Absolute Sale, for and in consideration of the sum of Seven Hundred Fifty Thousand Pesos (P750,000.00), Philippine Currency, in favor of CORAZON REYES married to DANLO I. CHUA, 899 born and single on February 15, 2019 at Cavite City, Philippines before Notary Public Atty. Ramon P. Dela Pasion and entered in the Notarial Register at Doc. No. 276, Page No. 51, Book No. 2, Series of 2019.

(Sgd.) Heirs/Successors and assigns

Publisher: DIVAYO KABITENYO
Date: March 25, April 1 & 8, 2019

EXTRA JUDICIAL PARTITION OF ESTATE WITH WAIVER OF RIGHTS AND DONATION

NOTICE is hereby given that the estate of the late TOMAS BALASTA BELARMINO who died intestate on January 29, 2004 at Cavite City, Philippines, consisting of his one-half (1/2) original share in that parcel of land together with his one-half (1/2) original share in that residential house, situated in the City of Cavite, Prov. of Cavite (Now City of Cavite) covered by Certificate of Title No. T-21293 containing an area of ONE HUNDRED TWENTY SQUARE METERS (120), more or less, and covered by Tax Declaration No. 18-033-0022, with a floor area of 45 Square Meters, more or less, respectively, has been the subject of Extra Judicial Partition of Estate by and among his heirs with Waiver of Rights and Donations, the parties hereto agree to the following:

That TCT No. T-21230 and Tax Dec. No. 183-00122 be cancelled and new ones be issued in the names of RODNEY BELARMINO married to JUVY RUISE BELARMINO and DOBBENE BELARMINO DURBAN married to LEMUEL DURBAN on March 13, 2018 in the City of Cavite, Philippines before Notary Public Atty. Ramon B. Caban and entered in the Notarial Register at Doc. No. 125, Page No. 26, Book No. 2037, Series of 2019.

(Sgd.) Heirs/Successors and heirs/Successors

Publisher: DIVAYO KABITENYO
Date: March 25, April 1 & 8, 2019

Scientists find brain mechanism that naturally combats overeating

Food is, generally speaking, a good thing. In addition to being quite tasty, it is also necessary for survival. That's why animals have evolved robust physiological systems that attract them to food and keep them coming back for more. Now, research in mice reveals the existence of brain cells that

Republic of the Philippines
OFFICE OF THE CITY CIVIL REGISTRAR
City of General Trias, Cavite
(046) 509-5014

NOTICE OF PUBLICATION

In compliance with Section 3 of R.A. 9048, notice is hereby served to the public that LOLEA BONSAL PLUMON has filed with this Office a petition for Change of First Name from LOLEA to LOLETA in the birth certificate of LORELA AMORIS BONSAL who was born on 09 December 1962 at General Trias, Cavite and whose parents are Simon Bunsal and Andrea P. Amos.

Any person adversely affected by said petition may file his/her written opposition to this Office not later than April 15, 2019.

(Sgd.) ARLENE E. BUGTONG
City Civil Registrar

DIVAYO KABITENYO - April 1 & 8, 2019

Republic of the Philippines
OFFICE OF THE CITY CIVIL REGISTRAR
City of General Trias, Cavite
(046) 509-5014

NOTICE OF PUBLICATION

In compliance with Section 3 of R.A. 9048, notice is hereby served to the public that JOSE NELSON COLUMNA BURI has filed with this Office a petition for Change of First Name from NELSON to JOSE NELSON in the birth certificate of NELSON COLUMNA BURI who was born on 28 May 1968 at General Trias, Cavite and whose parents are Teodoro I. Buri and Eugenia E. Calamba.

Any person adversely affected by said petition may file his/her written opposition to this Office not later than April 15, 2019.

(Sgd.) ARLENE E. BUGTONG
City Civil Registrar

DIVAYO KABITENYO - April 1 & 8, 2019

have the opposite effect, curbing an animal's impulse to eat. Published in Neuron, the study shows that these cells also play a role in regulating memory, and are part of a larger brain circuit that promotes balanced eating.

Historically, researchers have thought of feeding as a visceral, instinctive process. An

animal smells or sees an appealing snack and, without hesitation, proceeds to eat said snack. However, an increasingly detailed picture is now emerging in which mental processes inform animals' decision to either consume or refuse a meal.

A human, for example, may consider, "I'm supposed to be at brunch in 20 minutes, so I better

Republic of the Philippines
OFFICE OF THE CITY CIVIL REGISTRAR
City of General Trias, Cavite
(046) 509-5014

NOTICE OF PUBLICATION

In compliance with Section 3 of R.A. 9048, notice is hereby served to the public that FREDERICK LOPEZ SACLORO has filed with this Office a petition for Change of First Name from FREDERICK to FREDERICK in the birth certificate of FREDERICK LOPEZ SACLORO who was born on 08 December 1964 at General Trias, Cavite and whose parents are Rector H. Sacleo and Constanza R. Lopez.

Any person adversely affected by said petition may file his/her written opposition to this Office not later than April 15, 2019.

(Sgd.) ARLENE E. BUGTONG
City Civil Registrar

DIVAYO KABITENYO - April 1 & 8, 2019

Republic of the Philippines
OFFICE OF THE CITY CIVIL REGISTRAR
City of General Trias, Cavite
(046) 509-5014

Publication Notice
R.A. 10772

NOTICE TO THE PUBLIC

Date: March 08, 2019

CEE-004-2019 (R.A. No. 10772)

In compliance with the publication requirement and pursuant to DCRG Memorandum Circular No. 2018-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (R.R. on R.A. 10772), Notice is hereby served to the public that KIMBERLY SALLONG LAGAS has filed with this Office a petition for correction of error in sex from "MALE" to "FEMALE" in the Certificate of Live Birth of KIMBERLY SALLONG LAGAS at General Trias, Cavite and whose parents are Danilo K. Lagos and Leontina M. Asang.

Any person adversely affected by said petition may file his/her written opposition to this Office not later than April 15, 2019.

(Sgd.) ARLENE E. BUGTONG
City Civil Registrar

DIVAYO KABITENYO - April 1 & 8, 2019

save my appetite." Though other mammals may not have the equivalent internal monologue, there is reason to suspect that their eating habits do involve complex cognition. For example, research has shown that defects in the hippocampus — a brain area involved in memory — can alter feeding behavior, suggesting that past experiences influence an animal's attraction to food.

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

NOTICE OF PUBLICATION

In compliance with Section 5 of R.A. No. 9048, a notice is hereby served to the public that **EDUARDO N. PALMA** has filed with this Office a petition for change of first name from **EDUARDO ALONSO** to **EDUARDO** in the birth certificate of **EDUARDO ALONSO NOLASCO ENZUA** who was born on **August 2, 1983** at **Davao, Cavite** and whose parents are **CHEZORAL PALMA** and **CARMEN NOLASCO**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **April 15, 2019**.

(Sgt.) **VERLITA P. RAÑERA**
City Civil Registrar

DIYAWO KABITENYO - April 1 & 8, 2019

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

NOTICE FOR PUBLICATION

In compliance with Section 5 of Republic Act No. 9048, a notice is hereby served to the public that **FELIX M. BEYES** has filed with this Office a petition for change of first name from **FELIX JR. to FELIX** in the birth certificate of **FELIX MELANO BEYES JR.** who was born on **21 NOVEMBER 1978** at **EDUARDO, CAVITE** and whose parents are **ELISBERTO I. BEYES** and **CLARITA C. MELANO**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **12 April 2019**.

(Sgt.) **MARIA ROSARIO C. SOLIANO**
Municipal Civil Registrar

DIYAWO KABITENYO - April 1 & 8, 2019

Republic of the Philippines
Province of Cavite
Municipality of Tanza
OFFICE OF THE MUNICIPAL CIVIL REGISTRAR

RA From No. 111 (2019)

NOTICE FOR PUBLICATION

In Compliance with Section 5 of RA 9048, a notice is hereby served to the public that **EDUARDINO VILLACABRIL DIONES** has filed with this office a petition for Change of First Name from **"EDSON"** to **"EDRISON"** in the Certificate of Live Birth of **EDRISON VILLACABRIL DIONES** who was born on **26 APRIL 1986** at **Tanza, Cavite** and whose parents are **EDUARDO CONUL DIONES** and **AMELIA FEDERICA VILLACABRIL**.

Any person adversely affected by said petition may file his written opposition with this office not later than **15 APRIL 2019**.

(Sgt.) **MARIETA R. LOZANO**
Municipal Civil Registrar

DIYAWO KABITENYO - April 1 & 8, 2019

REPUBLIC OF THE PHILIPPINES
LOCAL CIVIL REGISTRY OFFICE
PROVINCE OF CAVITE
MUNICIPALITY OF NAIC

NOTICE OF PUBLICATION

In compliance with Section 5 of R.A. No. 9048, a notice is hereby served to the public that (Petitioner) has filed with this Office a petition for Change of First Name from **FELISA to MARIETA** in the birth certificate of **FELISA A. SISMAETH** born on **FEBRUARY 16, 1962** at **NAIC, CAVITE**, child of spouses **ELPIDIO SISMAETH** and **ENRIEVS ANILO**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **April 15, 2019**.

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

DIYAWO KABITENYO - April 1 & 8, 2019

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

NOTICE OF PUBLICATION

In compliance with Sec. 5 of Rep. Act No. 9048, a notice is hereby served to the public that **MA. ERISA A. ZABALDICA** has filed with this office a petition for CHANGE OF FIRST NAME from **"ERISA"** to **"MA. ERISA"** in the Certificate of Live Birth of one **ERISA SUGATAN ALMAJAN**, who was born on October 24, 1986 at **Tanza, Cavite** and parents were **Teodoro Benjamin Sugatan & Florentina Donna Sugatan**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **April 15, 2019**.

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

DIYAWO KABITENYO - April 1 & 8, 2019

DEED OF EXTRA JUDICIAL PARTITION OF ESTATE

NOTICE is hereby given that the estate of the late **CARMEN R. RONQUILLO** who died intestate on January 15, 2018 at **Norwood, Cavite, Philippines**, consisting of lot one and (12) unsplit share in a parcel of land, covered by Transfer Certificate of Title No. 7416-2040904, containing an area of **Thirty Seven Thousand One Hundred Ninety (37,190) Square Meters** has been the subject of **Quasi-Judicial Partition of Estate** by and among her heirs in equal shares on **March 14, 2019** in the City of Cavite, Philippines before Notary Public **Atty. Skat V. Aguirre** and entered in her Notarial Register in (Vol. No. 3450; Page No. 20; Book No. 17; Series of 2019).

(Sgt.) **Hans (Wib) ESTRELLITA L. CABREON**
signing for herself and as
(Atty-in-Fact of Nancy B. Gonzalez)

Publisher - DIYAWO KABITENYO
Date - April 1, 8 & 15, 2019

Smoking and pre-eclampsia may cause fertility problems for offspring

Low levels of oxygen in the womb — which can be caused by smoking or conditions such as pre-eclampsia — may cause problems with fertility later in life, a study carried out in rats suggests.

The research, led by scientists at the University of Cambridge, found

that exposing fetuses to chronic hypoxia (low oxygen levels) during development led to them having advanced ageing of the ovaries and fewer eggs available.

Hypoxia in the womb can be caused by a number of factors, including smoking, pre-eclampsia, mater-

nal obesity, and living at high altitude. The condition is already known to have potential long-term effects on the health of offspring, including increased risk of heart disease. However, this study, published in *The FASEB Journal*, is the first time it has been shown to affect fertility.

To investigate the effects of hypoxia, researchers from the Metabolic Research Labora-

tories at the University of Cambridge placed pregnant female rats in reduced levels of oxygen (13%, compared to the standard 21% found in air) from day six to day 20 of their pregnancy. They then examined the reproductive tract of their female pups at age four months.

Rats are a useful model for studying pregnancy. As a mammal, their bodies and underlying biology share some key similarities with those of humans. However, their gestation period and lifecycles are much shorter than those of humans, making them an ideal animal model in which to study pregnancy and fetal development.

When the team examined the pups, they found a decrease in the number of ovarian follicles in the reproductive tract. Females are born with fixed numbers of follicles, each with the potential of developing into an egg. In humans, women usually expend all their eggs around the age of fifty, at which point they will enter menopause.

Artificial intelligence can predict premature death, study finds

Computers which are capable of teaching themselves to predict premature death could greatly improve preventative healthcare in the future, suggests a new study by experts at the University of Nottingham.

The team of healthcare data scientists and doctors have developed and tested a system of computer-based machine learning algorithms to predict the risk of early death due to chronic disease in a large middle-aged population.

They found this AI system was very accurate in its predictions and performed better than the current standard approach to prediction developed by human experts. The study is published

by PLOS ONE in a special collections edition of 'Machine Learning in Health and Biomedicine'.

The team used health data from just over half a million people aged between 40 and 69 recruited to the UK Biobank between 2006 and 2010 and followed up until 2016.

Leading the work, Assistant Professor of Epidemiology and Data Science, Dr Stephen Wong, said: "Preventative healthcare is a growing priority in the fight against serious diseases so we have been working for a number of years to improve the accuracy of computerised health risk assessment in the general population. Most applications fo-

cus on a single disease area but predicting death due to several different disease outcomes is highly complex, especially given environmental and individual factors that may affect them.

"We have taken a major step forward in this field by developing a unique and holistic approach to predicting a person's risk of premature death by machine-learning. This uses computers to build new risk prediction models that take into account a wide range of demographic, biometric, clinical and lifestyle factors for each individual assessed, even their dietary consumption of fruit, vegetables and meat per day.

"We mapped the

resulting predictions to mortality data from the cohort, using Office of National Statistics death records, the UK cancer registry and hospital episode statistics. We found machine learned algorithms were significantly more accurate in predicting death than the standard prediction models developed by a human expert."

The AI machine learning models used in the new study are known as random forest and deep learning. These were pitched against the traditionally used 'Cox regression' prediction model based on age and gender – found to be the least accurate at predicting mortality – and also a multivariate Cox model which

worked better but tended to over-predict risk.

Professor Joe Lai, one of the clinical academics working on the project, said: "There is currently intense interest in the potential to use AI in machine-learning to better predict health outcomes. In some situations we may find it helps, in others it may not. In this particular case, we have shown that with careful tuning, these algorithms can usefully improve prediction.

"These techniques can be new to many in health research, and difficult to follow. We believe that by clearly reporting these methods in a transparent way, this could help with scientific verifica-

tion and future development of this exciting field for health care."

This new study builds on previous work by the Nottingham team which showed that four different AI algorithms, 'random forest', 'logistic regression', 'gradient boosting' and 'neural networks', were significantly better at predicting cardiovascular disease than an established algorithm used in current cardiology guidelines. This earlier study is available here.

The Nottingham researchers predict that AI will play a vital part in the development of future tools capable of delivering personalised medicine, tailoring risk management to individual patients.

Woman with novel gene mutation lives almost pain-free

A woman in Scotland can feel virtually no pain due to a mutation in a previously unidentified gene, according to a research paper co-led by UCL.

She also experiences very little anxiety and fear, and may have enhanced wound healing due to the mutation, which the researchers say could help guide new treatments for a range of conditions, they report in the British Journal of Anaesthesia.

"We found this woman has a particular genotype that reduces activity of a gene already considered to be a possible target for pain and anxiety treatments," said one of the study's lead researchers, Dr James Cox (UCL Medicine).

"Now that we are uncovering how this newly identified gene works, we hope to make further progress in new treatment targets."

At age 65, the

woman sought treatment for an issue with her hip, which turned out to involve severe joint degeneration despite her experiencing no pain. At age 66, she underwent surgery on her hand, which is normally very painful, and yet she reported no pain after the surgery. Her pain insensitivity was diagnosed by Dr Devjit Srivastava, Consultant in Anaesthesia and Pain Medicine at an NHS hospital in the north of Scotland and co-lead author of the paper.

The woman tells researchers she has never needed painkillers after surgery such as dental procedures.

She was referred to pain geneticists at UCL and the University of Oxford, who conducted genetic analyses and found two notable mutations. One was a microdeletion in a pseudogene previously only briefly annotated in medical literature, which

the researchers have described for the first time and dubbed FAAH-OUT. She also had a mutation in the neighbouring gene that controls the FAAH enzyme.

Further tests by collaborators at the University of Calgary, Canada, revealed elevated blood levels of neurotransmitters that are normally degraded by FAAH, further evidence for a loss of FAAH function.

The FAAH gene is well-known to pain researchers, as it is involved in endocannabinoid signalling central to pain sensation, mood and memory. The gene now called FAAH-OUT was previously assumed to be a 'junk' gene that was not functional. The researchers found there was more to it than previously believed, as it likely mediates FAAH expression.

Mice that do not have the FAAH gene

have reduced pain sensation, accelerated wound healing, enhanced fear-extinction memory and reduced anxiety.

The woman in Scotland experiences similar traits. She notes that in her lifelong history of cuts and burns (sometimes unnoticed until she can smell burning flesh), the injuries tend to heal very quickly. She is an optimist who was given the lowest score on a common anxiety scale, and reports never panicking even in dangerous situations such as a recent traffic incident. She also reports memory lapses throughout life such as forgetting words or keys, which has previously been associated with enhanced endocannabinoid signalling.

The researchers say that it's possible there are more people with the same mutation, given that this woman was unaware of her condition until her 60s.

"People with rare insensitivity to pain can be valuable to medical research as we learn how their genetic mutations impact how they experience pain, so we would encourage anyone who does not experience pain to come forward," said Dr Cox.

The research team is continuing to work with the woman in Scotland, and are conducting further tests on cell samples, in order to better understand the novel pseudogene.

"We hope that with time, our findings might contribute to clinical research for post-operative pain and anxiety, and potentially chronic pain, PTSD and wound healing, perhaps involving gene therapy techniques," said Dr Cox.

"The implications for these findings are immense," said Dr Srivastava.

"One out of two patients after surgery today still experiences

moderate to severe pain, despite all advances in pain killer medications and techniques since the use of ether in 1846 to first numb the pain of surgery. These have already been unsuccessful clinical trials targeting the FAAH protein — while we hope the FAAH-OUT gene could change things particularly for post-surgical pain, it remains to be seen if any new treatments could be developed based on our findings."

"The linkage point towards a novel pain killer discovery that could potentially offer post-surgical pain relief and also accelerate wound healing. We hope this could help the 530 million patients who undergo surgery globally every year," Dr Srivastava said.

"I would be elated if any research into my own genetics could help other people who are suffering," the woman in Scotland commented.

Need to increase diversity within genetic data sets

Polygenic scores can predict a person's risk for conditions like coronary artery disease, breast cancer, and type 2 diabetes (T2D) with great accuracy, even in patients who lack common warning signs. This new genetic analysis tool holds promise for physicians, who may be able to intervene earlier to help prevent common disease for at-risk individuals.

According to a new study, however, polygenic scores developed by studying Europeans do a better job of predicting disease risk for people of European ancestry than for those of other ancestries.

Researchers from the Broad Institute of MIT and Harvard and Massachusetts General Hospital (MGH) led a team that used large

scale genetic data from UK Biobank to develop prediction scores for height, body mass index, T2D, and certain other traits and diseases.

The researchers found that polygenic scores, calculated based on data from UK Biobank, had a 4.5 times higher prediction accuracy for people of European ancestry than those of African ancestry, and two times higher accuracy than those of East Asian ancestry.

"From a clinical context, this means that current polygenic scores are significantly better at predicting the risk of common diseases for people of European ancestry than those of African ancestry," said Alicia Martin, the lead author of the study and an affiliate of the Pro-

gram in Medical and Population Genetics and the Stanley Center for Psychiatric Research at the Broad Institute.

Martin, who is now an instructor in immunology at MGH, started this work while she was a postdoctoral researcher in the lab of Mark Daly, Institute member and co-director of the Program in Medical and Population Genetics at the Broad Institute.

These findings are published in *Nature Genetics*.

With advances in genome sequencing technology, studies in people of European ancestry have grown rapidly in the last few years, while the proportion of non-European in those genomic studies have stagnated since 2010, the authors report.

Researchers discover the source of new neurons in brain's hippocampus

It was once believed that mammals were born with the entire supply of neurons they would have for a lifetime. However, over the past few decades, neuroscientists have found that at least two brain regions — the corners of the nose of smell and the hippocampus, the seat of learning and memory — grow new neurons throughout life.


Researchers from the Perleman School of Medicine at the Univer-

sity of Pennsylvania have shown, in mice, that one type of stem cell that makes adult neurons is the source of the lifetime stock of new cells in the hippocampus. Published last week in *Cell*, these findings may help neuroscientists figure out how to maintain youthful conditions for learning and memory and repair and regenerate parts of the brain after injury and aging.

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"We've shown for the first time, in mammals, that neurons in the dentate gyrus of the hippocampus grow and develop from a single population of stem cells over an entire lifespan," said senior author Hongping Song, PhD, a professor of Neurosurgery. "The new neurons are more likely in making connections in the hippocampus compared to mature neurons, which is paramount for healthy learning, memory and adjusting mood."



Q & A on Consumer Rights

Q:

PROBLEMA SA PRODUCT QUALITY AND SAFETY?

A:

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