

**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. 2

March 4-10, 2019

P 10.00

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

1 Corinthians 16:13

## Cavite seeks exemption of measles fund from poll ban

CALAMBA CITY, Laguna — Cavite Gov. Jesus Crispin Remulla is seeking exemption from the Commission on Elections (Comelec) restrictions during the election period so that local government units (LGUs) could source out additional funds to address the measles outbreak in the province.

Remulla, chair of the Calabarzon Regional Peace and Order Council (RPOC), presided over the first RPOC Peace and Development Summit last Feb. 26, which tackled various peace and security concerns of the region at the NEDA-4A RDC Conference Hall in Barangay Milagrosa here.

Calabarzon is composed of the provinces of Cavite, Laguna, Batangas, Rizal and Quezon.

Remulla said the provincial government

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Cavite Governor Jesus Crispin Remulla (center) has sought exemption from the Commission on Elections on disbursement of additional funds to address the continuing measles outbreak in his province, during the press conference at the NEDA RDC Conference Hall, Barangay Milagrosa in Calamba City on Feb. 26, 2019.

## Jr. NBA PH 2019 trains over 3,000 kids in Cavite clinic

Jr. NBA Philippines presented by Alaska staged its first open clinic for 2019 at the Sisters of Mary Boytown

and Glulotown in Silang, Cavite on Feb. 23-24, teaching over three

thousand boys and girls the fundamentals of basketball and Jr. NBA core values.

As part of the league's efforts to promote inclusion, Jr. NBA Philippines provided

opportunities for young girls of Sisters of Mary Glulotown from Grades 7-10 to participate in basketball drills and skills development exercises on Feb. 23, with a total of 2,248 female

athletes experiencing world class basketball instruction from Jr. NBA Coaches Natalia Dos Santos and Jeffrey Cariaso with the Alaska coaches. On Feb. 24, the Jr. NBA Philippines

program hosted 1,060 kids that learned the fundamentals of shooting, passing, dribbling, defending and conditioning, while Alaska and Gateway facilitated

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# DIYARYO KABITENYO

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ARNULFO BARCO  
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## High-fat diet and age alter microflora and cause inflammation in heart failure

Growing older and a high-fat diet enriched with omega 6 fatty acids are major contributors to health risks ranging from diabetes to heart failure. How these two factors regulate the immune response is not well-understood.

Genesh Halade, Ph.D., and colleagues at the University of Ala-

bama at Birmingham and other institutions have investigated how aging and an obesity-generating omega 6-enriched diet impact microflora in the gut, the structure and function of the spleen, and a subsequent immune response to heart attack, using a mouse model.

In a study published in the *EASER*

Journal, they report that a calorie-dense, obesity-generating diet in aging mice disrupted the composition of the gut microbiota, and that correlated with development of a system-wide nonresolving inflammation in acute heart failure, with disruptions of the immune cell profile — notably the neutrophil-leukocyte ratio.

Halade is an associate professor in the Division of Cardiovascular Disease, UAB Department of Medicine.

It is known that diet interacts with gut microbes to calibrate the body's immune defense capacity. The UAB-led researchers examined this further, with regard to aging and a high-fat diet.

(NBA... from page 1)

nutrition and hydration talks respectively.

"The NBA Philippines presented by Alaska distinguishes itself by reinforcing an active lifestyle and instilling positive values for kids while enjoying the game of basketball," said Dos Santos. "Through the Jr. NBA program, we empower children from varying backgrounds and help them fulfill their potential as young players and future leaders of society."

In addition to the open clinic, Jr. NBA Philippines will stage Regional Selection Camps in Lucena (March 9-10), Baguio (March 23-24), Dumaguete (March 30-31), Butuan (April 13-14), and Metro Manila

(April 26-27) to advance the top 40 boys and 40 girls in the National Training Camp on May 17-19. As many as five boys and five girls from the National Training Camp will advance to the first Jr. NBA Global Championship Asia Pacific Qualifiers, a week-long selection camp in June featuring top youth players from Australia, Indonesia, Malaysia, Philippines, Thailand and Vietnam.

As a culminating event, the top performing 10 boys and 10 girls will represent Asia Pacific in the second Jr. NBA Global Championship held Aug. 6-11 at the ESPN Wide World of Sports Complex at Walt Disney World near Orlando, Florida.

(CAVITE... from page 1)

has brought up the matter to the Department of Health (DOH) in view of its declaration of state of calamity due to the increasing measles cases in the province.

"Para yung state of emergency (in the province) ma-exemptan-an kami sa kinikilos na katilangan nating gawin dahil may mga pinagbabawal dahil sa election ban," Remulla said.

He disclosed that they have already released some PHP3 million under the calamity fund, which is earmarked to entice parents to bring along their children to be vaccinated.

"Ang problema ko yung pagtit-

pon namin ng Barangay Health Workers (BRW), mga 6,000 na ipunin mo. Maraming gawin ang gobyerno, eh wala kaming budget para doon," he said, stressing the need for exemption to disburse funds.

Remulla said they have already requested the DOH for the inter-agency intervention measures and support activities as the measles outbreak is an emergency situation.

He said Cavite is a densely populated province and failure to contain around 85 percent of the population may spread the disease further.

He also expressed optimism that the

Comete is reasonable enough to grant the DOH request for exemption from the ban.

Cavite has declared a state of calamity by virtue of Sangguniang Panlalawigan (Provincial Legislative Council) Resolution No. 1165, which was passed last Feb. 18.

Upon his approval of the provincial resolution, Remulla has convened an emergency meeting to discuss the plan of action following the DOH declaration of a measles outbreak in the Calabarzon, which tops the highest number of measles cases so far.

The Provincial Health Office in Cavite has already formed a

Measles Outbreak Team to ensure that all emergency protocols and necessary interventions and response are implemented.

The Cavite legislative body has authorized the governor to release PHP5,994 million from the 5 percent Local Disaster Risk Reduction and Management fund for the provision of drugs and medicines, medical supplies and rice to address the cases.

Meanwhile, Dr. Paula Paz Sychingco, DOH-Calabarzon assistant regional director, said the number of measles cases in the region continues to rise at 1425, with 83 reported deaths as of Feb. 25.

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

**EAST WEST BANKING CORPORATION,**  
Mortgagee.

Procedural No. 2017-01  
For Extra-judicial Foreclosure of  
Real Estate Mortgage

**IRENEO D. DE PADUA,**  
Mortgagor.

**NOTICE OF EXTRA-JUDICIAL FORECLOSURE**

Upon Extra-judicial Foreclosure under Act 3133, as amended by Act 4118, filed by Mortgagee, **EAST WEST BANKING CORPORATION**, of First West Corporate Center, The Boulevard, 5th Ave., cor. 23rd St., Bonifacio Global City, Tagaytay City, and against the mortgagor, **IRENEO D. DE PADUA**, of Lot 1 Blk. 2, Avenida corner Batang Stream, Meadowood Executive Village, Phase 2, Barangay Panayon, Bacoor City, Cavite, to satisfy the mortgage indebtedness which as of November 29, 2018, amounts to **TWO MILLION SIX HUNDRED TWENTY-FOUR THOUSAND TWO HUNDRED TWENTY SEVEN PESOS & 88/100 (P2,624,227.88)**, Philippine Currency, inclusive of interest, penalties and other charges, the undersigned or her daily authorized representative will sell at public auction on **March 16, 2019 at 10:00 o'clock** in the morning or soon thereafter, at the main entrance of the Hall of Justice in Bacoor City, Cavite, to the highest bidder by CASH and in Philippine Currency, the following described property, with all the improvements thereon, to-wit:

**TRANSFER CERTIFICATE OF TITLE NO. L135930**

"A parcel of Land 0, of 1 Blk. 2 of the covered, & sold plan, Pco-04-003678, being a portion of the covered, of Lot 31, Blk. 22, Lot 10, Blk. 30, Blk. 33, Pco-04-003411, Lot 4789-A in C, Pco-04-00695 & Lot 4789, Ipan Estate, LBC-Rm. No. 39431, situated in the Brg. of Panayon, Mun. of Bacoor, Prov. of Cavite, Island of Luzon, X.Y., containing an area of **TWO HUNDRED ELEVEN (211) SQUARE METERS.**"

"All needed 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, it shall be held on **March 13, 2019**, without further notice."  
Prospective buyers or bidders are hereby enjoined to investigate for themselves the title to the said property and encumbrances, if any there be.  
City of Iloilo, February 11, 2019.  
Clerk of Court VI  
**(Sgd.) LEZA B. VICTA**

Copy Furnished:  
**EAST WEST BANKING CORPORATION**  
The Boulevard, 5th Ave., cor. 23rd St., Bonifacio Global City, Tagaytay City  
**MR. IRENEO D. DE PADUA**  
Lot 1 Blk. 2, Avenida corner Batang Stream, Meadowood Executive Village, Phase 2, Barangay Panayon, Bacoor City, Cavite  
Blk. 26, Lot 38 Mangat Street, Meadowood Executive Village, Panayon, Bacoor, Cavite  
Blk. 3, Lot 1 Batang Stream corner Avenida St., Meadowood Executive Village, Panayon, Bacoor Cavite  
**WARNING:** It is absolutely prohibited to remove, deface or destroy this notice of Extra-judicial Sale or before the date of sale.  
Publication Date: **DIYARIO KABITENYO**  
February 16, 27 and March 6, 2019

Republic of the Philippines  
Fourth Judicial Region  
Regional Trial Court of Cavite  
Office of the Clerk of Court & Ex-Officio Sheriff  
New Justice Hall, 37, Rizal Avenue, Kawingnan South, Tagaytay City

**HOME DEVELOPMENT MUTUAL FUND**  
(otherwise known as **PAG-IBIG FUND**),  
Mortgagee.

EJF NO. TG-18-007  
FOR: Extra-judicial Foreclosure of Real Estate Mortgage under Act No. 3133, as amended by Act No. 4118

**HENDEL HERMINO P. CARRAL**, married to **MA. FELITA A. CARRAL**,  
Mortgagor.

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-judicial Foreclosure under Act 3133, as amended by Act 4118, filed by Mortgagee, **HOME DEVELOPMENT MUTUAL FUND** (otherwise known as **PAG-IBIG FUND**), a government financial institution duly organized and existing under and by virtue of Republic Act No. 9791 with principal office address at The Petron Mega Plaza Building, No. 138 San Gil Street Avenue, Malabon City, against Mortgagee, **HENDEL HERMINO P. CARRAL**, married to **MA. FELITA A. CARRAL**, with postal address at Lot 9 Block 15, Citronne Homes 7, Ilihan, Laguna, to satisfy the mortgage indebtedness which as of December 9, 2018 amounts to **FIVE MILLION ONE HUNDRED FORTY ONE THOUSAND FIVE HUNDRED TWENTY THREE PESOS & 36/100 (P5,141,531.36)** Philippine Currency, inclusive of interest and penalty charges, the undersigned Clerk of Court & Ex-Officio Sheriff of the Regional Trial Court of Cavite thru her deputy, Sheriff Teodoro O. Cruz, will sell at public auction on **April 4, 2019 at 10:00 o'clock** in the morning, or soon thereafter, at the New Hall of Justice in Tagaytay City, to the highest bidder, for cash or Mortgage's Check and in Philippine Currency, the following property with all its improvements thereon, to-wit:

**TRANSFER CERTIFICATE OF TITLE NO. T-89924**  
Sectory of Quinal for Brg. Province of Cavite.

"A parcel of land (Lot 38 Blk. 16 of the same subdivision plan, Pco-04-022899, being a portion of Lot 8014, 8015, 8017, 8018, Csd. 45215, Urban Cad., Lots 8016-A to 8016-H, Csd-04-020073-D, Lot 17789-A, Csd-042119-012310-21 & Lot Blk. 7), Pco-04-011230, L.R.C. Rm. No. 3, situated in the Brg. of Tataban, Mun. of Silang, Prov. of Cavite, Situated on the NW, along line 12 by Lot 51, Blk. 15, on the NE, along line 2-3 by RL, Lot 18, on the SE, along line 3-4-5-6-7 by RL, Lot 17 (0.39 m. wide), on the SW, along line 7-8 by Lot 19, on the NW, along line 8-1 by Lot 18 (each of Blk. 10), all of the same subdivision plan, beginning at a point marked "T" on plan being S 47 deg. 19'E, 4096.17 m. from BLN 50 to pt. 1, Csd. 45215, Silang Cad., thence N. 68 deg. 57'E, 5.53 m. to pt. 2, thence S. 19 deg. 18'W, 3.04 m. to pt. 3, thence S. 39 deg. 19'W, 1.83 m. to pt. 4, thence S. 39 deg. 10'W, 1.35 m. to pt. 5, thence S. 39 deg. 07'W, 1.25 m. to pt. 6, thence S. 48 deg. 17'W, 1.39 m. to pt. 7, thence N. 18 deg. 37'W, 40.00 m. to pt. 8, thence N. 68 deg. 57'E, 3.20 m. to pt. 1, beginning, containing an area of **8,897.17 (OR 8,941.90) SQUARE METERS**, All pts. indicated to-wit as indicated on the plan and set out on the ground by PS col. conc. cross, 1.500 m. bearing true date of survey, survey Aug. 3-18, 1987 and was approved on Dec. 3, 1987 in accordance with the provisions of the Property Registration Decree in the name of **HENDEL HERMINO P. CARRAL**, married to **Ma. Felita A. Carral**, both of legal age, Filipinos."

In the event the public auction should not take place on the said date, it shall be held on **April 15, 2019** without further notice.  
Prospective bidders or buyers are hereby enjoined to investigate and verify for themselves the **TRANSFER CERTIFICATE OF TITLE NO. T-89924**, the circumstances thereon, if any there be.  
All needed bids must be submitted to the undersigned on the above stated time and date.  
Tagaytay City, Philippines, February 8, 2019.  
(Sgd.) **ATTY. VARRERA ANNA A. VARIAS-DIMAYUGA**  
Clerk of Court & Ex-Officio Sheriff  
(Sgd.) **TEODORO O. CRUZ**  
Sheriff in Charge

Copy Furnished:  
**HOME DEVELOPMENT MUTUAL FUND**  
(otherwise known as **PAG-IBIG FUND**)  
Mortgagee  
The Petron Mega Plaza Building  
No. 138 San Gil Street Avenue, Malabon City  
**AND**  
**UP Plaza DEL Business Solutions Center,**  
No. 699 Shaw Boulevard, Mandaluyong City  
**HENDEL HERMINO P. CARRAL**, married to **MA. FELITA A. CARRAL**  
Mortgagor  
Lot 9 Block 15, Citronne Homes 7, Ilihan, Laguna  
**AND**  
Lot 38 Block 16 Ranch Imperial De Silang, Tataban, Silang, Cavite  
**WARNING:** It is absolutely prohibited to remove, deface or destroy this notice of Extra-judicial Sale or before the date of auction sale under the penalty of law.  
Publication Date: **DIYARIO KABITENYO**  
February 16, 27 and March 6, 2019

## Mobile bedside bioprinter can heal wounds

Imagine a day when a bioprinter filled with a patient's own cells can be wheeled right to the bedside to treat large wounds or burns by printing skin, layer by layer, to begin the healing process. That day is not far off.

Wake Forest Institute for Regenerative Medicine (WFORM) scientists have created such a mobile skin bioprinting system — the first of its kind — that allows bi-layered skin to be printed directly into a wound.

"The unique aspect of this technology is the mobility of the system and the ability to provide on-site management of extensive wounds by scanning and measuring them in order to deposit the cells directly where they are needed to create skin," said Sean Murphy, Ph.D., a WFORM assistant professor who was lead author of the paper published this month in Nature's Scientific Reports journal.



REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 15  
NAIC, CAVITE

IN RE: PETITION FOR ADOPTION  
OF THE HENRIK IVY BEJERANO  
WITH PETITION FOR CHANGE OF NAME  
TO MOANA BEATRICE MALIMBAN SANTOS

RE. PROC. NO. 2018-03

SPOUSAL RUEL SAIM SANTOS AND  
MAILEEN MALIMBAN SANTOS,  
Petitioners.

**ORDER**

A petition has been filed by Ruel Saim Santos and Maileen Malimban Santos, respectively praying that after due notice and proceeding a decree be issued by this Court declaring Ivy Bejerano as the adopted child of the Spouses Maileen Santos and Ruel Saim Santos, with further prayer to write the Local Civil Register of Nagas City to issue an Amended Certificate of Live Birth of the child relative to said decree of adoption changing her name from Ivy Bejerano to Moana Beatrice Malimban Santos.

Notice is hereby given that the petition has been set for hearing on April 19, 2019 at 1:00 in the afternoon, in the Regional Trial Court Branch 15 Naic, Cavite, in which case, time and place, interested parties may appear and show cause why the petition should not be granted.

Let copies of this Order and petition be furnished to the Office of the Solicitor General and the Department of Social Welfare and Development. The latter is hereby directed to conduct a case study of the petitioners and the child to be adopted, and submit a report to this Court as soon as possible.

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

SO ORDERED.

Naic, Cavite, January 24, 2019.

(Sgt.) LERIO C. CASTIGADOR  
Judge

Publication : DIWARYO KABITENYO  
Date : February 18, 23 and March 4, 2019

## First semi-identical twins identified in pregnancy

Young Brisbane twins, a boy and a girl, have been identified as the only second set of semi-identical, or sesquizygotic, twins in the world – and the first to be identified by doctors during pregnancy.

“It is likely the only second set of semi-identical, or sesquizygotic, twins in the world – and the first to be identified by doctors during pregnancy.”

AFIDAVIT OF SELF-ADJUDICATION  
WITH ABSOLUTE SALE

NOTICE is hereby given that the estate of the late LINDA F. CONDE who died intestate on June 25, 2017 at Berlin, Washington, USA, consisting of a parcel of land located at LAKKAN, Dasmariñas City, Cavite, covered by Transfer Certificate of Title No. T-274443 of the Register of Deeds of the Province of Cavite, containing an area of TWO HUNDRED (200) SQUARE METERS has been self-adjudicated by her sole heir, MARCEANO F. CONDE, JR., with Absolute Sale over for and in consideration of the sum of SIX HUNDRED THOUSAND (P600,000.00) PESOS, Philippine Currency, in favor of MARILOU D. YOUNG, married to Bertholdense Young, their heirs, assigns and successors-in-interest the above-said parcel of land without improvement on November 14, 2018 at City of Dasmariñas, Cavite before Notary Public Any. Milton S. Clavero and entered in the National Register at Doc. No. 488, Page No. 96, Book No. 283, Series of 2018.

(Sgt.) Sole heir

Publication : DIWARYO KABITENYO  
Date : February 18, 23 and March 4, 2019

said Professor Fisk, who led the fetal medicine team that cared for the mother and twins while based at Royal Brisbane and Women's Hospital in 2014. Professor Fisk, a past President of the International Fetal Medicine and Surgery Society, worked alongside Dr Gabbett.

“The mother’s ultrasound at six weeks showed a single placenta and positioning of amniotic sacs that indicated she was expecting identical twins. However, an ultrasound at 14 weeks showed the twins were male and female, which is not possible for identical twins.”

Identical twins result when cells from a single egg fertilised by a single sperm divide into two, so identical twins are the same gender and share identical DNA. Fraternal twins occur

when each twin develops from a separate egg and the egg is fertilised by its own sperm.

Dr Gabbett said if one egg is fertilised by two sperm it results in three sets of chromosomes, one from the mother and two from the father.

“Three sets of chromosomes are typically incompatible with life and embryos do not usually survive,” he said.

“In the case of the Brisbane sesquizygotic twins, the fertilised egg appears to have equally divided up the three sets of chromosomes into groups of cells which then split into two, creating the twins.

“Some of the cells contain the chromosomes from the first sperm while the remaining cells contain chromosomes from the second sperm, resulting in

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 07  
CITY OF BACODOR

AMEEL BENEDICT BARRATO,  
Petitioner.

- versus -  
ISP-2019-71  
For: Correction of  
Entry in the Certificate  
of Live Birth

THE CIVIL REGISTRAR,  
OFFICE OF THE CIVIL  
REGISTRAR OF BACODOR  
CITY, CAVITE,  
Respondent.

**AMENDED ORDER**

This is a petition instituted by Amiel Benedict Barrato for correction of entry in the Certificate of Live Birth.

NOTICE IS GIVEN that said petition has been set for hearing on March 26, 2019 at 9:00 o'clock in the morning. All those interested are cited 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.

Furnish copies of this Order and petition to the Office of the Solicitor General and the mayor's personal file.

SO ORDERED

GIVEN IN OPEN COURT this 14th of August 2018 at the City of Bacodor.

(Sgt.) EDUARDO ISRAEL TANGUANCO  
Executive Judge

Publication : DIWARYO KABITENYO  
Date : February 23, March 4 & 11, 2019

the twins sharing only a proportion rather than 100 per cent of the same paternal DNA.”

Sesquizygotic twins were first reported in the US in 2005. Those twins came to doctors’ attention in infancy after one was identified with ambiguous genitalia. On investigation of mixed chromosomes, doctors found the boy and girl were identical on their mother’s side but shared

around half of their paternal DNA.

Professor Fisk said an analysis of worldwide twin databases pointed to just how rare sesquizygotic twins are.

“We at first questioned whether there were perhaps other cases which had been wrongly classified or not reported, so examined genetic data from 968 fraternal twins and their parents,” he said.

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 89  
CITY OF BACOOD

IN RE: PETITION FOR ISSUANCE OF OWNER'S DUPLICATE COPY OF TCT NO. T-876128 ISSUED IN THE NAME OF ZOSIMO L. CRISOSTOMO AND LYDIA CRISOSTOMO IN LIEU OF THE LOSS COPY

LRC-8843-2018-123

MYLENE LUBER CRISOSTOMO,  
represented by Attorney-in-Fact:  
ROSEMARIE DE CLARO,  
Petitioner.

**ORDER**

This is a petition instituted by Mylene Luber Crisostomo represented by Attorney-in-Fact Rosemarie De Claro for issuance of owner's duplicate copy of TCT No. T-876128 issued in the name of Zosimo L. Crisostomo and Lydia Crisostomo in lieu of the loss copy.

NOTICE IS GIVEN that the petition is set for hearing on 26 April 2019 at 8:30 o'clock in the morning. All those interested are cited to appear and show cause why it should not be granted.

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

The Sheriff of this Court is ordered to post copies of this Order in three conspicuous places in Bacoor City, Cavite where the subject property is situated.

Furnish copies of this Order and petition the Registry of Deeds of the Province of Cavite.

SO ORDERED

City of Bacoor, 27 November 2018.

(Sgt.) EDUARDO ISRAEL TANGUANCO  
Executive Judge

Publication: DIVAYO KABITENYO  
Date: February 25, March 4 & 11, 2019

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 89  
CITY OF BACOOD

IN THE MATTER OF THE PETITION FOR THE ISSUANCE OF ORIGINAL OF TCT NO. T-186027, REGISTERED IN THE NAME OF PARAMOUNT DEVELOPMENT CORPORATION OF THE PHILIPPINES, IN LIEU OF THE LOSS COPY

LRC-8843-2018-124

RENZ JERNIE B. BORBOLLA,  
Petitioner.

**ORDER**

This is a petition instituted by Renz Jernie B. Borbolla for the issuance of original of TCT No. T-186027, registered in the name of Paramount Development Corporation of the Philippines, in lieu of the loss copy.

NOTICE IS GIVEN that the petition is set for hearing on 30 April 2019 at 8:30 o'clock in the morning. All those interested are cited 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 post copies of this Order in three conspicuous places in Bacoor City, Cavite where the subject property is situated.

Furnish copies of this Order and petition the Registry of Deeds of the Province of Cavite.

SO ORDERED

City of Bacoor, 27 November 2018.

(Sgt.) EDUARDO ISRAEL TANGUANCO  
Executive Judge

Publication: DIVAYO KABITENYO  
Date: February 25, March 4 & 11, 2019

REPUBLIC OF THE PHILIPPINES  
FOURTH JUDICIAL REGION  
REGIONAL TRIAL COURT  
BRANCH 89  
CITY OF BACOOD

IN RE: PETITION FOR RECONSTITUTION AND ISSUANCE OF ORIGINAL OF TRANSFER CERTIFICATE OF TITLE (TCT) NO. T-48491 OF THE REGISTRY OF DEEDS FOR THE PROVINCE OF CAVITE, IN LIEU OF THE LOST TITLE

LRC-8843-2018-125

(APPLICANT): MA. LORNA B. PALO AND DIOSDADO A. PALO

GOVERNMENT SERVICE INSURANCE SYSTEM (GSIS),  
- versus -  
Petitioner.

THE REGISTER OF DEEDS FOR THE PROVINCE OF CAVITE,  
Respondent.

**ORDER**

This is a petition instituted by Government Service Insurance System (GSIS) for reconstitution and issuance of original of Transfer Certificate of Title (TCT) No. T-48491 of the Registry of Deeds for the Province of Cavite, in lieu of the lost title.

NOTICE IS GIVEN that said petition has been set for hearing on May 9, 2019 at 8:30 o'clock in the morning. All those interested are cited to appear and show cause why the same should not be granted.

Let this Order be published twice in consecutive issues in the Official Gazette and 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 post copies of this Order in three conspicuous places in the City of Bacoor, where the subject property is situated, particularly in the main entrance of the City Hall Building of Bacoor and the main entrance of the Provincial Capitol Building in Trece Martines City.

Furnish copies of this Order the Office of the Solicitor General, Land Registration Authority, Bureau of Lands and the Register of Deeds for the Province of Cavite and the adjoining owners.

SO ORDERED

City of Bacoor, 27 November 2018.

(Sgt.) EDUARDO ISRAEL TANGUANCO  
Executive Judge

Publication: DIVAYO KABITENYO  
Date: February 25, March 4 & 11, 2019

### How sensitivity to emotions changes across the lifespan

Why do we become more positive as we grow older? Why are adolescents so sensitive to negative social cues? These are a few of the questions addressed in "Emotion Sensitivity Across the Lifespan: Mapping Clinical Risk Periods to Sensitivity to Facial Emotion Intensity," a new paper published in the journal of Experimental Psychology: General. The paper presents find-

ings from a groundbreaking study examining how people of all ages detect subtle changes in social cues. McLean Hospital's Lauren A. Rutter, PhD, Laura Germine, PhD, Iqrit Vahia, MD, Brent E. Forsner, MD, MSc, and Kerry J. Essler, MD, PhD, are among the paper's authors.

For the study, researchers created a digital test of emotion sensitivity that was completed by nearly 10,000 men and women, ranging in age from 10 to 85. The test allowed researchers to measure how much each person was able to detect subtle differences in facial cues of fear, anger, and happiness. The test also identified how people in different age groups displayed changes in their sensitivity to those facial emotions.

Rutter, the study's Health Technology, co-lead author and a research fellow at McLean, were tested using the Hospital's Laboratory web-based platform Test4Brain and Cognitive MyBrainlog.

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

IN THE MATTER OF CHANGE OF  
SURNAME IN THE CERTIFICATE  
OF LIVE BIRTH OF SHYNA SANCHEZ  
AND SHAIRO BOTH ISSUED BY THE  
LOCAL CIVIL REGISTRAR OF  
BACOR, CAVITE (FROM SANCHEZ  
TO JOAQUIN)

BSP-2018-218

DENNIS RDA JOAQUIN AND SHARON  
C. SANCHEZ

Plaintiffs,

- versus -

LOCAL CIVIL REGISTRAR OF BACOR,  
AND PHILIPPINE STATISTICS AUTHORITY  
(PSA)

Respondents,

ORDER

This is a petition instituted by Dennis Rex Joaquin and Sharon C. Sanchez for Change of Surname in the Certificate of Live Birth of Shyna Sanchez and Shairo Sakiluz both issued by the Local Civil Registrar of Bacor, Cavite (From Sanchez to Joaquin).

NOTICE IS GIVEN that said petition has been set for hearing on 14 May 2019 at 8:30 a'clock in the evening. All those interested are cited 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.

Furnish copies of this Order and petition the Office of the Solicitor General, the City Civil Registrar of Bacor, and Philippine Statistics Authority, Quezon City.

SO ORDERED.

City of Bacor, 17 January 2019.

(Sgd.) EDUARDO ISRAEL TANGUANCO  
Executive Judge

Publication : DIYARYO KABITENYO  
Date : February 23, March 4 & 11, 2019

## Scientists rejuvenate stem cells in the aging brain of mice

Scientists from the Cancer Research Centre (DKFZ) have been able to rejuvenate stem cells in the brain of aging mice. The revitalized stem cells improve the

REPUBLIC OF THE PHILIPPINES  
REGIONAL TRIAL COURT  
FOURTH JUDICIAL REGION  
BRANCH 23  
TRICE MARTIRES CITY

IN RE: PETITION FOR AMENDMENT  
OF THE CERTIFICATE OF LIVE BIRTH  
OF THE MINOR CHILD SEAN  
WILLIAM ABERGAS PECK

DAVID PAUL PECK,  
Plaintiff,

- versus -

SE. PROC. CASE NO. TMS2-096-18

THE LOCAL CIVIL REGISTRAR OF  
TRICE MARTIRES CITY, CAVITE

Respondent,

ORDER

A verified petition for amendment of the certificate of live birth of minor child SEAN WILLIAM ABERGAS PECK dated June 20, 2018, was filed by plaintiff.

Let a copy of the petition be furnished to the Office of the Solicitor General together with this order setting the hearing of the same on March 28, 2019 at 1:00 o'clock in the afternoon.

Furthermore, let the same order be published in a newspaper of general circulation once a week for three (3) consecutive weeks at the expense of the petitioner.

SO ORDERED.

Trice Martires City, February 7, 2019.

(Sgd.) BONIFACIO S. PASCUA  
Assisting Judge

Publication : DIYARYO KABITENYO  
Date : February 23, March 4 & 11, 2019

REPUBLIC OF THE PHILIPPINES  
REGIONAL TRIAL COURT  
FOURTH JUDICIAL REGION  
BRANCH 23  
TRICE MARTIRES CITY

IN RE: IN THE MATTER OF THE  
CORRECTION OF ENTRY IN THE  
CERTIFICATE OF LIVE BIRTH OF MARY  
ANN RYLA O. ABADILLA UNDER  
REGISTRY NO. 1013-608

ANGELAN MARIE OROPESA ABADILLA,  
Plaintiff,

- versus -

SE. PROC. CASE NO. TMS2-096-18

THE CITY CIVIL REGISTRAR OF TRICE  
MARTIRES CITY, CAVITE

Respondent,

ORDER

A verified petition for Correction of entry in the certificate of live birth of MARY ANN RYLA O. ABADILLA dated May 1, 2018 was filed by Angela Marie Oropesa Abadilla.

Let a copy of the petition be furnished to the Office of the Solicitor General together with this order setting the hearing of the same on March 28, 2019 at 1:00 o'clock in the afternoon.

Furthermore, let the same order be published in a newspaper of general circulation once a week for three (3) consecutive weeks at the expense of the petitioner.

SO ORDERED.

Trice Martires City, February 28, 2019.

(Sgd.) BONIFACIO S. PASCUA  
Assisting Judge

Publication : DIYARYO KABITENYO  
Date : February 23, March 4 & 11, 2019

regeneration of injured or diseased areas in the brain of old mice. The researchers expect that their approach will provide fresh impetus in regenerative medicine and facilitate the development of stem cell therapies.

Their results were published in the journal Cell. All cells making up our organs originate from stem cells. They divide and the resulting cells develop into spe-

cific tissue cells, forming the brain, lungs or bone marrow. With age, however, the stem cells of living organisms lose their ability to proliferate. Many of them lapse into a permanent state of quiescence. In order to create as accurate as possible computational models of stem cell behaviour, the LCSB's Computational Biology Group led by Prof. Antonio del Sol applied a novel approach. "Stem cells behave in a niche where they constantly interact with other cells and extracellular components. It is extremely difficult to model such a plethora of complex molecular interactions on the computer. So we shifted perspective. We stopped thinking about what external factors were affecting the stem cells, and started thinking about what the internal state of a stem cell would be like in its precisely defined niche." The novel approach led to a new computational model developed by Dr. Srikanth Ravichandran of the Computational Biology Group. "Our model can determine which proteins are responsible for the functional state of a given stem cell in its niche – meaning whether it will divide or remain in a state of quiescence."



Republic of the Philippines  
Province of Cavite  
Municipality of Alibon

OFFICE OF THE MUNICIPAL CIVIL REGISTRAR

Publication Notice  
R.A. 10172  
NOTICE TO THE PUBLIC

Date: February 23, 2019

CEN-0005-2019  
CCE-0020-2019 R.A. 10172

In Compliance with the publication requirement and pursuant to DCRD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (IRR on R.A. 10172), Notice is hereby served to the public that **REYNANTE C. CUADRA** has filed with this office, a petition for changed of first name from **HERNANTE to REYNANTE** and correction of entry in Date of Birth from **AUGUST 12, 1954 to JUNE 11, 1956** in the certificate of live birth of **HERNANTE COSA CUADRA** at **LUCSORIN, ALFONSO, CAVITE** and whose parents are **HELANDON COTONISE CUADRA and ROMANA R. COSA**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **March 11, 2019**.

(Sgd.) TERESITA A. GALANG  
Civil Registrar

DIARYO KABITENYO - February 23 and March 4, 2019

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

In the matter of Change of First Name in the Certificate of Live Birth (SECPA) of

**MEZALINA A. CRUZATE** CPN-0995-2019  
**EMERENCIANA C. GALO**  
Petitioner

NOTICE OF PUBLICATION

There is a petition filed for the change of first name in Certificate of Live Birth (SECPA) of **MEZALINA A. CRUZATE** from "**MEZALINA**" to "**EMERENCIANA**".

NOTICE IS HEREBY GIVEN that any interested person is cited to notify this office and show cause why the same should not be granted.

Let this NOTICE be published at least once a week for two (2) consecutive weeks in a newspaper of general circulation as required under Section 3 of Republic Act No. 9048.

(Sgd.) MERCI A. CHAVEZ  
Municipal Civil Registrar

DIARYO KABITENYO - February 23 and March 4, 2019

Republic of the Philippines  
Province of Cavite  
Municipality of Marikina

OFFICE OF THE LOCAL CIVIL REGISTRAR

In the matter of Change of First Name  
Certificate of Live Birth of **ROSALINA DE OCAMPO MALICAMA**

CPN 0001-2019 R.A. 9048

**ROSITA O. RAMIREZ**  
Petitioner

NOTICE OF PUBLICATION

There is a petition for the Change of First Name of **ROSALINA DE OCAMPO MALICAMA** from **ROSALINA** to **ROSITA** who was born on **APRIL 11, 1963** at **MENDEZ, CAVITE** and whose parents are **DOMENADOR DE SANCIN MALICAMA and NENITA DE OCAMPO**.

NOTICE IS HEREBY GIVEN that any interested person is cited to notify this office and show cause why the same should not be granted.

Let this Notice be published at least once a week for two (2) consecutive weeks in a newspaper of general circulation as required under Section 3 of Republic Act No. 9048.

(Sgd.) REYNALDO E. BACOS  
Municipal Civil Registrar

DIARYO KABITENYO - February 23 and March 4, 2019

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

Publication Notice  
R.A. 10172  
NOTICE TO THE PUBLIC

CCE-0024-2019

In compliance with the publication requirement and pursuant to DCRD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (IRR on R.A. 10172), Notice is hereby served to the public that **NELSON A. BUBAY** has filed with this Office, a petition for correction of entry in the date of birth from **August 6, 1967 to July 21, 1967** in the Certificate of Live Birth of **NELSON A. BUBAY** at **Indang, Cavite** and whose parents are **Patricia Babay and Lucia Alegre**.

Any person adversely affected by said petition may file his/her written opposition with this Office not later than **March 11, 2019**.

(Sgd.) MERCI A. CHAVEZ  
Municipal Civil Registrar

DIARYO KABITENYO - February 23 and March 4, 2019

REPUBLIC OF THE PHILIPPINES  
PROVINCE OF CAVITE  
MUNICIPALITY OF NAIC

NOTICE TO THE PUBLIC

CCE-0026-2019 R.A. 10172

In compliance with the publication requirement and pursuant to DCRD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1, Series of 2012 (IRR on R.A. 10172), Notice is hereby served to the public that **LEONORA CATUBIG MATIAS** has filed with this Office a petition for correction of entry in date of birth from "**March 22, 1971**" to "**March 21, 1971**" in her Certificate of Live Birth and whose parents are **Gregorio B. Catubig and Teracia P. Ullasano**.

Any person adversely affected by said petition may file his written opposition with this Office not later than **March 11, 2019**.

(Sgd.) GLORIA F. BAGO  
Municipal Civil Registrar

DIARYO KABITENYO - February 23 and March 4, 2019

## An abundance of beneficial mutations

Despite its key importance, the genetic architecture of adaptive processes remains largely unresolved. Now a team of researchers, experimenting with fruit flies, has succeeded in solving at least a part of this puzzle. They were able to show that many genes can contribute to adaptation even though only some of them are actually being used (genetic redundancy). Not just since climate change

has it been of enormous interest to understand how populations adapt to new environmental conditions. Scientists assume that most adaptations involve a large number of different genes, but most molecularly characterized adaptations are based on only one or a few genes. This discrepancy has been the source of much conjecture but has remained largely unresolved.

To shed more light on this highly interesting

area for the field of evolution, a research team from Vetmeduni Vienna used the method of experimental evolution. The goal of the experiment was to study the adaptive processes of fruit flies (*Drosophila simulans*) in a precisely controlled laboratory setting. The scientists exposed the flies to a hot environment (up to 28°C) over 60 generations and monitored

the genetic changes using the latest sequencing methods. In contrast to previous studies, the authors were able to demonstrate that many genes are involved in the adaptation.

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

Publication Notice  
R.A. 10172

**NOTICE TO THE PUBLIC**

CCE-0027-2019 Date: February 21, 2019

In compliance with the publication requirement and pursuant to OCD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1, Series of 2012 (IRR as R.A. 10172), Notice is hereby served to the public that **FERDINAND P. BALTAZAR**, has filed with this Office, a petition for CORRECTION OF ENTRY IN CHILD'S SEX from "F" to "MALE", in the Certificate of Live Birth of **FERDINAND PANGILINAN BALTAZAR**, who was born on February 28, 1975 at Bicutan, Tanza, Cavite of parents Anita Atila Pangilinan & Benito Mariano Balazar.

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

Sgd./ **MS. THERESA A. CESA**  
Municipal Civil Registrar

DIYAKYO KABITENYO - February 27 and March 4, 2019

# Major genetic study confirms that many genes contribute to risk for Tourette's syndrome

A meta-analysis of multiple studies into the genetic background of Tourette's syndrome (TS) — a neurodevelopmental disorder characterized by chronic involuntary motor and vocal tics — finds that variants in hundreds of genes, working in combination, contribute to the development of the syndrome and suggests that Tourette's is part of a continuous spectrum of tic disorders, ranging from mild, sometimes transient tics to severe cases that can include psychiatric symptoms.

The report from an international team — led by investigators at Massachusetts General Hospital (MGH), the University of California at Los Angeles (UCLA), the University of Florida and Purdue University — also describes finding that TS-associated variants are more severely affect-

ed, raising the possibility of predicting whether children with mild tic disorders will develop full-blown TS in the future.

"This study confirms that, for most patients, the underlying genetic basis of Tourette's syndrome is polygenic — that is, many genes working together to cause a disease," says Jeremiah Schorf, MD, PhD, of the Psychiatric & Neurodevelopmental Genetics Unit in the MGH Departments of Neurology and Psychiatry and the MGH Center for Genomic Medicine, co-author and corresponding author of the report in the *American Journal of Psychiatry*. "This means that most people who have TS do not carry a single inactive gene but instead inherit hundreds of small DNA changes from both parents that combine to cause TS."

This finding has multiple important implications, both scientifically as well as for patient advocacy and understanding of their symptoms.

While it is well known that most of the risk for TS is inherited, the few risk-associated gene variants that have been identified account for only a small percentage of cases.

Republic of the Philippines  
Fourth Judicial Region  
Regional Trial Court Of Cavite  
Office of the Clerk of Court & Ex-Officio Sheriff  
New Justice Bldg., P.P. Road Avenue, Kawit/Tanaga Woods, Tagaytay City

**HOME DEVELOPMENT MUTUAL FUND**  
(otherwise known as PAG-IBIG FUND)

Notice to Mortgagees

LEE LAURENCE G. REVITA, married to  
MARIA A. REVITA,  
Respondent/Mortgagee

Case No. TG-18-027  
P.O. No. Exempted from Payment of Real Estate Mortgage under Act No. 1533, as amended by Act No. 4255

**NOTICE OF EXTRA-JUDICIAL SALE**

Upon Extra-judicial Commission sub order Act 7173, as amended by Act 4118, filed by Mortgagee, HOME DEVELOPMENT MUTUAL FUND (otherwise known as PAG-IBIG FUND), a government financial institution duly organized and existing under and by virtue of Republic Act No. 9879 with principal office address at The Prime Mega Plaza Building, No. 138 Sen. Edgardo J. Sison, Malabon City, against Mortgagee, LEE LAURENCE G. REVITA, married to MARIA A. REVITA, with present address at Lot 18 Block 24, Tandang Sora Jr. Tangale Street, Calatagan Village, San Pedro, Laguna, to satisfy the mortgage indebtedness which is of December 4, 2018 amount to ONE MILLION SEVEN THOUSAND NINE HUNDRED TWENTY SIX PESOS & 37/100 (PAG-IBIG) Philippine Currency, inclusive of interest and penalty charges, the undersigned Clerk of Court & Ex-Officio Sheriff of the Regional Trial Court of Cavite has her deputy, Sheriff Teodoro O. Criss, will sell public auction on May 1, 2019 at 10:00 o'clock in the morning, or some thereafter, in the New Hall of Justice of Tagaytay City, in the highest bid, the cash or Manager's Check and in Philippine Currency, the following property with all improvements thereon, to wit:

**TRANSFER CERTIFICATE OF TITLE NO. 7420001**  
Registry of Deeds for the Province of Cavite

"A parcel of land (Lot 3 BK. 31 of the same land plan, Pp-64-022019, being a portion of Lot 8014, 8015, 8017, 8018, Cal. 452-D,atang Cal., Lot 6005-A to 8101-A, Cal. 46-00073-2, Lot 15709-A, Cal. 02118-022818-D & Lot BK. 71, Pp-10-011230, L.R.C. No. 1, situated in the Reg. of Tanana, Man. of Iliaga, Prov. of Cavite bounded on the NE, along line 1-2 by Lot 2, BK. 22, on the SE, along line 2-3 by BK. Lot 32, on the SW, along line 3-4 by Lot 4 BK. 21, and on the NW, along line 4-1 by Lot 6 of BK. 31, all of the same land plan, beginning at a point marked "1" on a plan being S. 63 deg. 52' E., 504.77 m. from B.L.M. No. 1, Cal. 452-D,atang Cal., Station N. 76 deg. 29' E., 11.00 m. to pt. 2; thence S. 13 deg. 31' E., 4.50 m. to pt. 3; thence S. 76 deg. 29' E., 10.00 m. to pt. 4; thence N. 13 deg. 31' E., 4.50 m. to pt. 1, beginning, containing an area of FORTY FIVE (45) SQ. METERS. All pts. referred to are indicated on the plan and are marked on the ground by 25 cm. diam. rebar. 11.00 m. bearings true; date of filing survey Dec. 7, 1973 to Dec. 4, 1975, and that of the valid survey Aug. 1-30, 1977, and was approved on Dec. 5, 1977 & registered in accordance with the provisions of the Property Registration covers in the name of LEE LAURENCE G. REVITA, married to Maria A. Revita, both of legal age, Filipinos"

In the event the public auction should not take place on the said date, it shall be held on May 9, 2019 without further notice.

Prospective bidders or buyers are hereby enjoined to investigate and verify the truthfulness of the TRANSFER CERTIFICATE OF TITLE NO. 7420001, its contents and encumbrances, if any, that be.

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

Tagaytay City, Philippines, February 21, 2019.

(Sgd.) **ATTY. YARRIS ANA Y. YARRIS-DIMAYAGA**  
Clerk of Court & Ex-Officio Sheriff

(Sgd.) **TEODORO O. CRISS**  
Sheriff In Charge

Copy Forwarded:

**HOME DEVELOPMENT MUTUAL FUND**  
(otherwise known as PAG-IBIG FUND)  
The Prime Mega Plaza Building  
No. 138 Sen. Edgardo J. Sison, Malabon City

ASD

12<sup>th</sup> Floor JEP Business Solutions Center,  
No. 429 Shaw Boulevard, Mandaluyong City

**LEE LAURENCE G. REVITA**, married to **MARIA A. REVITA**,  
Lot 18 Block 24, Tandang Sora Jr. Tangale Street,  
Calatagan Village, San Pedro, Laguna

ASD

Lot 3 Block 24 Republic Imperial (de Salazar),  
Tanza, Cavite

**WARNING: IT IS ABSOLUTELY PROHIBITED TO REMOVE, DEFACE OR DESTROY THIS NOTICE OF EXTRA-JUDICIAL SALE OR BEFORE THE DATE OF THE AUCTION SALE UNDER THE PENALTY OF LAW.**

Publication: DIYAKYO KABITENYO  
Date: March 4, 11 & 18, 2019



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

Publication Notice  
R.A. 10172

**NOTICE TO THE PUBLIC**

**CCE-0025-2019**

In compliance with the publication requirement and pursuant to OGD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (RR 00 R.A. 10172), Notice is hereby served to the public that **RONALDO B. CUBILLA** has filed with this Office, a petition for correction of entry in the date of birth from **ARIEL B. DELA CRUZ** to **ERICK B. DELA CRUZ** in the Certificate of Live Birth of **RONALDO CUBILLA** at Isidang, Cavite and whose parents are Victor Canillo and Apolonia Baga.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

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

**NOTICE TO THE PUBLIC**

**CCE-0025-2019 R.A. 10172**

In compliance with the publication requirement and pursuant to OGD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (RR 00 R.A. 10172), Notice is hereby served to the public that **BITTON HENSAFLOR MENDOZA** has filed with this Office a petition for the correction of entry in date of birth from "July 30, 1968" to "July 13, 1968" in her Certificate of Live Birth and whose parents are Flaviano B. Bumbador and Leyla L. Acosta.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

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

**NOTICE FOR PUBLICATION**

In compliance with Section 5 of Republic Act No. 9048, a notice is hereby served to the public that **RANDY ROY Z. ABUTIN** filed with this Office a petition for change of first name from **RANDY ROY JR. to RANEX ROY** in the birth certificate of **RANDY ROY Z. ABUTIN, JR** who was born on **11 DECEMBER 1979** at **ROSARIO, CAVITE** and whose parents are **KONSTANCO ABUTIN** and **LOLITA CASTA**.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

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

**NOTICE OF PUBLICATION**

In compliance with Sec. 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 **PEPITO to ROMEO** in the birth certificate of **PEPITO RUSTAMANTE** born on **FEBRUARY 10, 1951** at **NAIG, CAVITE**, child of spouses **CARLOS RUSTAMANTE** and **ANTONIA LOPEZ**.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

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

Publication Notice  
R.A. 10172

**NOTICE TO THE PUBLIC**

**CFN 0003-2019 Date: March 05, 2019**  
**CCE-0032-2019**

In compliance with the publication requirement and pursuant to OGD Memorandum Circular No. 2013-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (RR 00 R.A. 10172), Notice is hereby served to the public that **MARIBEL A. BAUTISTA** has filed with this Office, a petition for change of first name from **BELENDA to MARIBEL**, and the correction of sex from "M" to "FEMALE" in the certificate of live birth of **BELENDA HERNANDEZ ABUEG** at **Rosario, Cavite** and whose parents are **BENJAMIN D. ABUEG** and **YOLETA P. HERNANDEZ**.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

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

**NOTICE FOR PUBLICATION**

In compliance with Section 5 of Republic Act No. 9048, a notice is hereby served to the public that **TEOTIMO P. BAZAGA II** that with this Office a petition for change of first name from **TEOTIMO to TEOTIMO II** in the birth certificate of **TEOTIMO PABLO BAZAGA** who was born on **21 SEPTEMBER 1971** at **ROSARIO, CAVITE** and whose parents are **JOSE A. BAZAGA** and **ROSALINDA C. PABLO**.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

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

**NOTICE FOR PUBLICATION**

In compliance with Section 5 of Republic Act No. 9048, a notice is hereby served to the public that **CASELYN BERTULO** filed with this Office a petition for change of first name from **KANCELYN to CASELYN** in the birth certificate of **KANCELYN BERNABEU** who was born on **26 NOVEMBER 1988** at **ROSARIO, CAVITE** and whose parents are **ALFREDO C. SOLIS** and **CRISTINA BERNABEU**.

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

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

DIVAYO KABITENYO - March 4 & 11, 2019

**Tool reveals molecular causes of disease, including infant cancer**

Princeton University researchers are gaining new insights into the causes and characteristics of diseases by harnessing machine learning to analyze molecular patterns across hundreds of

previously unknown contributions of four genes to a rare form of cancer that primarily affects babies and young children. The team, which includes collaborators at Michigan State University and the University of Oslo, introduced the system and demonstrated its abilities in a paper published in the Feb. 23 issue of the journal Cell Systems.

probes focused on specific diseases or types genes associated with of cancer.

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

Publication Notice  
R.A. 9572

**NOTICE TO THE PUBLIC**

CPN-0003-2019 Date: March 01, 2019  
CCE-0003-2019

In compliance with the publication requirement and pursuant to OCBG Memorandum Circular No. 012-1 Guidelines in the Implementation of the Administrative Order No. 1 Series of 2012 (OR on R.A. 9572), Notice is hereby served to the public that **MERCEDES L. PEREZ** has filed with this Office, a petition for change of first name from **CECIL to JOY PAULO** and the correction of copy in sex from **"FEMALE"** to **"MALE"** in the certificate of live birth of **CECIL LATAO PEREZ** of Marikina, Cavite and whose parents are **GUILLENMO D. PEREZ** and **MERCEDITHA LATAO**.

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

(Sgd.) MARIA ROSARIO C. SORIANO  
Municipal Civil Registrar

DIARYO KABITENYO - March 4 & 11, 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. 9149, a notice is hereby served to the public that **YOLANDA M. HERNANDEZ** has filed with this office a petition for CHANGE OF FIRST NAME from **"ANTONIA"** to **"YOLANDA"** in the CERTIFICATE OF LIVE BIRTH of one **ANTONIA BLANCAFLOR**, who was born on December 15, 1955 at Tanza, Cavite and parents were Gerardo Blanciaflor & Lorena Joya.

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

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

DIARYO KABITENYO - March 4 & 11, 2019

Love, though with a thousand signs and signals, will never be real if it remains unspoken.

-Arnold S. Barco

**DEED OF SELF ABANDICATION  
WITH MORTGAGE**

NOTICE is hereby given that the estate of the late **FRANCISCO PIZARES ABUTIN** who died testate on January 1, 2017 involving TCT No. 7-49020 has been adjudicated in favor of his only heir on February 22, 2019, before Cavite City Notary Public, Atty. Antonia B. Calaca as per Doc. No. 126, Page No. 66, Book No. XLV, Series of 2019.

(Sgd.) Sole heir

Publication - DIARYO KABITENYO  
Date - March 4, 11 & 18, 2019

**NOTICE OF EXTRAJUDICIAL PARTITION  
OF ESTATE WITH SALE**

NOTICE is hereby given that the estate of the late **HERMINIA D. MALEMAN** who died intestate on October 3, 2010 involving TCT No. T-1906, in Cavite City, has been extrajudicially settled by and between her heirs on February 26, 2019 before Cavite City Notary Public, Atty. Antonia B. Calaca as per Doc. No. 149, Page No. 48, Book No. XLV, Series of 2019.

(Sgd.) Both heirs and vendor

Publication - DIARYO KABITENYO  
Date - March 4, 11 & 18, 2019

## Breast milk microbiome contains yeast and fungi: Do these benefit the infant?

Investigators have now shown that the breast milk microbiome contains fungi.

Multiple previous studies had found bacteria in breast milk. Certain fungi and bacteria have been shown to be important probiotics for infant health. The research is published in *Applied and Environmental Microbiology*, a journal of the American Society

for Microbiology.

"Our research demonstrates the presence of yeasts and other fungi in breast milk in healthy mothers, supporting the hypothesis that breast milk is an important source of microorganisms to the growing infant," said principal investigator Maria Carmen Collado, PhD, Senior Researcher, the Institute of Agrochemistry and

Food Technology, National Research Council, Valencia, Spain.

Having established in earlier research the presence of yeasts and other fungi in breast milk from mothers in Spain, the investigators sampled breast milk from mothers in other geographic locations including Finland, China, and South Africa, to find out whether this finding held up in locations with different weather, diets, and lifestyles from those in southern Europe.

"Our data confirm the presence of fungi in breast milk across continents and support the potential role of breast milk on the initial seeding of the infant gut," the investigators wrote. "This supports the existence of a 'breast milk microbiota' under healthy conditions."

The genera *Malassezia* and *Davidiella* were most prevalent across the different countries. Those two, as well as *Sistotrema* and *Fenikillium*, were present in breast milk from each country.

More than 70 percent of Spanish and South African samples had detectable levels of fungal DNA, while

only 45 percent of Chinese samples and only 33 percent of Finnish samples did so. Despite the similarities of the mycobionces across the four countries, "Our findings reinforce the potential influence of environmental factors, in particular geographic location, on the species of yeast and fungi that make up the breast milk microbiome," said Dr. Collado.

The investigators also compared the breast milk mycobionces in mothers who had delivered vaginally with that from mothers who had delivered via cesarean section. Specific fungi, such as those of the genus *Cryptococcus*, were more prevalent among samples from mothers delivering vaginally, but mode of delivery made no difference in fungal diversity or richness.

The investigators did not identify the sources of the breast milk microbiome, but *Malassezia* are found in around the sebaceous glands, glands that secrete oils to lubricate hair and skin. *Davidiella* have been found in the vagina. And *Saccharomyces*, also present in breast milk, are among the most abundant fungi in the gut.

# Spider silk could be used as robotic muscle

Spider silk, already known as one of the strongest materials for its weight, turns out to have another unusual property that might lead to new kinds of artificial muscles or robotic actuators, researchers have found.

The resilient fibers, the team discovered, respond very strongly to changes in humidity. Above a certain level of relative humidity in the air, they suddenly contract and twist, exerting enough force to potentially be competitive with other materials being explored as actuators — devices that move to perform some activity such as controlling a valve.

The findings are being reported in the journal *Science Advances*, in a paper by MIT Professor Markus Buehler, head of the Department of Civil and Environmental Engineering, along with former postdoc Anna Tarakanova and undergraduate student Claire Hsu at MIT. Da-

liao Liu, an associate professor at Huzhong University of Science and Technology in Wuhan, China, and six others.

Researchers recently discovered a property of spider silk called supercontraction, in which the slender fibers can suddenly shrink in response to changes in moisture. The new finding is that not only do the threads contract, they also twist at the same time, providing a strong torsional force. "It's a new phenomenon," Buehler says.

"We found this by accident initially," Liu says. "My colleagues and I wanted to study the influence of humidity on spider dragline silk." To do so, they suspended a weight from the silk to make a kind of pendulum, and enclosed it in a chamber where they could control the relative humidity inside. "When we increased the humidity, the pendulum started to rotate. It was out of our expectation. It really

shocked me."

The team tested a number of other materials, including human hair, but found no such twisting motions in the others they tried. But Liu said he started thinking right away that this phenomenon "might be used for artificial muscles."

"This could be very interesting for the robotics community," Buehler says, as a novel way of controlling certain kinds of sensors or control devices. "It's very precise in how you can control these motions by controlling the humidity."

Spider silk is already known for its exceptional strength-to-weight ratio, its flexibility, and its toughness, or resilience. A number of teams around the world are working to replicate these properties in a synthetic version of the protein-based fiber.

While the purpose of this twisting force, from the spider's point of view, is unknown, researchers think the supercontraction in

response to moisture may be a way to make sure a web is pulled tight in response to morning dew, perhaps protecting it from damage and maximizing its responsiveness to vibration for the spider to sense its prey.

"We haven't found any biological significance" for the twisting motion, Buehler says. But through a combination of lab experiments and molecular modeling by computer, they have been able to determine how the twisting mechanism works. It turns out to be based on the folding of a particular kind of protein building block, called proline.

Investigating that underlying mechanism required detailed molecular modeling, which was carried out by Tarakanova and Hsu. "We tried to find a molecular mechanism for what our collaborators were finding in the lab," Hsu explains. "And we actually found a potential mechanism,"

based on the proline. They showed that with this particular proline structure in place, the twisting always occurred in the stimulus, but without it there was no twisting.

"Spider dragline silk is a protein fiber," Liu explains. "It's made of two main proteins, called MaSp1 and MaSp2." The proline, crucial to the twisting reaction, is found within MaSp1, and when water molecules interact with it they disrupt its hydrogen bonds in an asymmetrical way that causes the rotation. The rotation only goes in one direction, and it takes place at a threshold of about 79 percent relative humidity.

"The protein has a rotational symmetry built in," Buehler says. And through its torsional force, it makes possible "a whole new class of materials." Now that this property has been found, he suggests, maybe it can be replicated in a synthetic material. "May-

be we can make a new polymer material that would replicate this behavior," Buehler says.

"Silk's unique propensity to undergo supercontraction and exhibit a torsional behavior in response to external triggers such as humidity can be exploited to design responsive silk-based materials that can be precisely tuned at the nanoscale," says Tarakanova, who is now an assistant professor at the University of Connecticut. "Potential applications are diverse, from humidity-driven soft robots and sensors, to smart textiles and green energy generators."

It may also turn out that other natural materials exhibit this property, but if so this hasn't been noticed. "This kind of twisting motion might be found in other materials that we haven't looked at yet," Buehler says. In addition to possible artificial muscles, the finding could also lead to precise sensors for humidity.



## Clues to brain differences between males and females

Researchers at the University of Maryland School of Medicine have discovered a mechanism for how androgens — male sex steroids — sculpt brain development. The research, conducted by Margaret M. McCarthy, Ph.D., who Chairs the Department of Pharmacology, could ultimately help researchers understand behavioral development differences between males and females.

The research, published in *Neuron*, discovered a mechanism for how androgens, male sex steroids, sculpt the brains of male rats to produce behavioral differences, such as more aggression and rougher play behavior. "We already knew that the brains of males and females are different and that testosterone produced during the second trimester in humans and late gestation in rodents contributes to the difference but we did not

know how testosterone has these effects" said Dr. McCarthy.

Jonathan Van Ryzin, PhD, a Postdoctoral Fellow, was lead author on this research conducted in Dr. McCarthy's lab.

A key contributor to the differences in play behavior between males and females is a sex-based difference in the number of newborn cells in the part of the brain called the amygdala, which controls emotions and social behaviors. The research showed that males have fewer of these newborn cells, because they are actively eliminated by immune cells.

In females, the newborn cells differentiated into a type of glial cell, the most abundant type of cell in the central nervous system. In males however, testosterone increased signaling at receptors in the brain which bind endocannabinoids, causing

immune cells to be activated. The endocannabinoids prompted the immune cells to effectively eliminate the newborn cells in males. Female rats in the study were unaffected, suggesting that the activation of the immune cells by the increased endocannabinoids in males was necessary for cell elimination. In this respect, this research shows that cannabidiol, which stimulates endocannabinoids in the brain and nervous system, could impact brain development of the fetus and this impact could differ between male and female fetuses.

This study provides a mechanism for sex-based differences in social behaviors and suggests that differences in androgen and endocannabinoid signaling may contribute to individual differences in brain development and thus behavioral differences among people.

## Blood test developed to predict spontaneous preterm birth

Pregnancy can be considered at increased risk, but predicting for expecting mothers and their clinical care teams. Nearly 10 percent of births are preterm, taking place before 37 weeks gestation. Preterm birth can result from several conditions, including preterm labor, preterm rupture of the placental membrane, or preeclampsia. Mothers who have previously had preterm deliveries are considered at increased risk, but predicting spontaneous preterm birth is challenging. In a paper published in the *American Journal of Obstetrics & Gynecology*, the team presents results from a multicenter study showing that five circulating microparticle proteins found in first-trimester blood samples may provide important clues about risk of spontaneous preterm birth.



### Q & A on Consumer Rights

Q:

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