

## **AUGUST 2019 NEWSLETTER**

#### **FROM THE PRESIDENT'S DESK**



The Racing's Night of Champions has come and gone and we are settling back down after a hectic couple of months' organisation.

Winx dominated the awards for the final time, winning Champion Miler, Champion Middle Distance and of course Champion Horse of the Year, prompting a standing ovation. it was great to see other groups of happy owners taking up the other awards, the results being outlined in the full report in this newsletter.

All the feedback we received from the evening was very positive and there was

a fantastic atmosphere in the room, in part due to the new alliance with Spinal Cord Injuries Australia. They produced a touching, short video featuring injured jockeys Tye Angland and Kate Nipperess, who are clients of SCIA. The rehabilitation and peer support provided by SCIA is a huge help to members of the racing industry. This was followed by an interview with Tye on stage, who showed that the courage and positivity he demonstrated on the race track has not left him.

With Jane Henning only starting in the role of CEO at the beginning of the year, and the charity also being completely new to the scale and therefore work involved in securing auction items and making this event a success, it was particularly pleasing to see the night unfold. Our thanks also go out to Infinity Events' Pauline Lamb, whose experience and behind the scenes work always ensures a successful Racing's Night of Champions. Special mention should also go to Tommy Berry, who donated his 2019 breeding right to Vancouver. Supported by a free return donated by Coolmore Australia, this brought \$40,000 plus GST.

We are hugely grateful for the continued sponsorship of TAB, Racing NSW, Sky Thoroughbred Central, the Australian Turf Club, New Zealand Bloodstock, Wild Oaks, Inglis, Carrazzo Consulting, Hall Chadwick, International Animal Health Products and De Bortoli Wines. These fantastic groups were joined by City Tattersalls Club and Coolmore Australia as new sponsors this year. On behalf of NSWROA and SCIA, our thanks again.

**Ray McDowell** 



Tabcorp is a world-class diversified gambling entertainment group and top 50 ASX company with more than 5,000 employees. In December 2017 Tabcorp combined with Tatts Group.

Tabcorp now operates the iconic brands TAB, Sky Racing, Sky Sports Radio, Tatts, NSW Lotteries, Golden Casket, SA Lotteries and Keno – familiar names which ignite excitement in millions of Australians. Tabcorp also delivers leading gaming services and products through Tabcorp Gaming Solutions, MAX and Ebet.

Tabcorp's operations deliver hundreds of millions of dollars in returns to the community each year and is the biggest financial contributor to Australian racing. Last year Tabcorp returned over \$900 million to Australian racing and proudly backs the industry and its people.



# What a Night!

While the announcement of Winx as last season's Champion Horse of the Year was no surprise, the large crowd in the Royal Randwick Ballroom rose to their feet to celebrate this true champion.

We saw the "very best" in the racing world in contention for all the awards at this gala event held in the Royal Randwick Ballroom, which was televised live on Sky Thoroughbred Central.

The NSWROA Award Winners for the 2018/19 season are:

AWARD	FINALISTS
NSW 2 YEAR OLD OF THE YEAR	Kiamichi
Proudly sponsored by Australian Turf Club	
NSW 3 YEAR OLD OF THE YEAR	The Autumn Sun
Proudly sponsored by Inglis	
NSW SPRINTER OF THE YEAR	Osborne Bulls
Proudly sponsored by Australian Turf Club	
NSW MILER OF THE YEAR	Winx
Proudly sponsored by Wild Oaks	
NSW MIDDLE DISTANCE HORSE OF THE YEAR	Winx
Proudly sponsored by New Zealand Bloodstock	
NSW STAYER OF THE YEAR	Shraaoh (Ire)
Proudly sponsored by Coolmore Australia	

QUEEN OF THE AUTUMN Proudly sponsored by City Tattersalls Club	Dixie Blossoms
NSW COUNTRY CHAMPION HORSE OF THE YEAR Proudly sponsored by Sky Thoroughbred Central	Eckstein
NSW PROVINCIAL CHAMPION HORSE OF THE YEAR Proudly sponsored by Sky Thoroughbred Central	Angel of Truth
NSW CHAMPION HORSE OF THE YEAR Proudly sponsored by TAB	Winx

NSW Racing Writers' Personality of the Year was awarded to the much admired **Nini Vascotto**, who delivered a heartfelt and touching speech. Enduring Stage 4 cancer, and leaving hospital to attend for a few hours on the night, her courage touched the room.

Co-Major Sponsor, Racing NSW, also presented their annual awards on the night, with **Chris Waller** taking out the coveted Bart Cummings Medal for the ninth straight time. Chris quipped that, "If Nini managed to hold back the tears, I better as well."

Chris Waller also picked up the T J Smith Award for the Sydney Premiership Trainer.

Other awards presented included the George Moore Award (James McDonald), the Theo Green Award (Robbie Dolan), BOBS Horse of the Year (River Bird) and the Sydney Strapper of the Year (Alexandra Maher from the John O'Shea yard).

Our Monster Auction conducted by Greg Radley in aid of Spinal Cord Injuries Australia opened with an on-stage interview with **Tye Angland**, a client of SCIA, and his close friend Grant Buckley. The top auction item, a service to Vancouver donated by Tommy Berry and Coolmore Australia, was clinched by Australian Bloodstock for \$40,000 plus GST, with the underbidder being Evergreen Farm, Hong Kong.

The successful event was proudly sponsored this year by TAB, Racing NSW, Sky Thoroughbred Central, City Tattersalls Club, the Australian Turf Club, New Zealand Bloodstock, Wild Oaks, Coolmore Australia, Inglis, Carrazzo Consulting, Hall Chadwick, International Animal Health Products and De Bortoli Wines.

Our President, Mr Ray McDowell said, "On behalf of Spinal Cord Injuries Australia and NSWROA, I would like to thank everyone for helping us *"celebrate the best"* of the NSW Thoroughbred industry. My thanks again to our wonderful sponsors, donors and successful bidders. And most importantly, congratulations to all racing's winners and we look forward to seeing you all again next year."



While a much larger range of photos can be seen in the online photo album https://myalbum.com/album/4FN335sKSCCK, here are a few of the photos of the event, taken by High Impact Headshots.

















































# Mark Your Calendar!



The NSW Racehorse Owners' Christmas Cocktail Party will be held at Rosehill Gardens on Saturday 7 December 2019.

More details to follow...



#### **NSWROA NEWS**

## **Prince of Wales Hospital Foundation Grant**

Funds raised at last year's Racing's Night of Champions were presented to the Prince of Wales Hospital Foundation's chosen recipient at a ceremony in July.

Recipient: Prof Ken Butcher, Professor of Neurology and Dr Laughlin Dawes, Head of Diagnostic Neuroradiology

#### Grant Award: \$55,771

**Research:** *POWH Perfusion Imaging Registry:* A prospective, observational study to improve ischaemic stroke patients' selection for acute reperfusion therapies.

**Impact:** This research will close the gap between evidence and implementation for all acute ischaemic stroke population presenting to Prince of Wales Hospital and lead to a more selective use of Hospital resources.

They hope to immediately improve the selection of patients for acute stroke therapy, which are costly and resourceintensive. By improving the 'case-mix' and treating only responders patient will benefit from improved outcomes.



#### **MEMBER BENEFITS**

We are very pleased to introduce the support of the following businesses for 2019 financial members:

Satin & Sil

# When Only The Best Will Do

Satin and Silks is a Sydney based company owned by Annette and Jack Vize. They have been making quality colours & blinkers for owners since 1979. All garments are hand made by Annette, using strong and vibrant fabrics.

To obtain a **10% discount** from your order, send us a photocopy of your 2019 membership card.

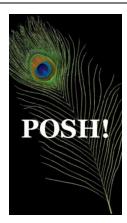
Website: www.satinandsilks.com.au For personal attention please call Annette on 02 99975380.



Bradley Photographers provide high quality photographic services to the NSW Thoroughbred Racing Industry. They are the only photographers to cover all Metropolitan and Provincial race meetings and have a comprehensive archive of NSW Racing.

Bradley's offer a **10% discount** to NSWROA Members on the listed price of their products.

Website: www.bradleyphotos.com.au Email: photos@bradleyphotos.com.au



Posh Boutique is a luxury ladies' fashion store with stunning outfits for the races and formal occasions, as well as designer casual wear. Proprietor Maura Englman offers NSWROA members a **20% discount** (excluding sale items) on production of their 2019 member's card.

Address: 194 Pitt Street, Sydney. Ph: **(02) 9233 1261** Email: <u>poshandchic@bigpond.com</u>



Boston For Men has been an institution in Randwick for over 25 years. They stock fine quality suits, shirts, shoes, ties, belts and accessories. Boston For Men has a tailoring service, suit hire and is also a wedding specialist.

Proprietor Will Dalton is offering NSWROA members a **15% discount** (excluding sale items) on production of your 2019 membership card.

Address: 84 Belmore Road, Randwick. Tel: 0404 711 588.

# JOIN TAB TODAY AKES LESS THAN 1 MINUTE TO GET STARTE

### HISTORICALLY SPEAKING

## **Pictorial Displays at Randwick**

#### **By Graham Caves**

#### (NSWROA member and volunteer at the ATC Heritage Centre)

On a modern racecourse with new-style buildings with a lot of glass and fittings not conducive to hanging framed works it is somewhat difficult to decorate the premises with racing material – either recent or older historic items.



One clever way the Heritage Centre has alleviated this problem is to produce a number of montages of its finest pieces and photographic collection in modern material and place them where the decor allows.

They often get asked for identification of something or someone where there is not a legend accompanying the montage. People have been known to offer the information in some crowd scene or occasion scene – "that's me there!"

Here (left) is one of the paintings in the montage we will discuss below – Revenue, the 1901 Melbourne Cup winner.

The most spectacular of these montages is located alongside the escalator taking patrons from ground level on the western side of the new Queen Elizabeth II Stand, near the

"Meeting Tree", up to the upper levels of the stand. You will see the montage, about twelve metres long, as you ascend and you can move off the escalator on the mezzanine level to view it at your leisure. In the montage you will see reproductions of some of the most famous paintings in the ATC Collection. The Gloaming/Beauford Spring Stakes work, Carbine at the start of the Sydney Cup, paintings of Ajax, Revenue, Veno, The Barb, Manfred, Artilleryman, Bernborough, Eremein, some noble-looking past AJC Chairmen, and many others.

I apologise for the quality of the photograph below; it was professionally taken but as the under cover display is open to daylight, there is reflection. We needed a dull day and didn't get one. While many of the paintings have captions, there has now been added a legend at the left-hand side describing the details of the exhibit.



#### **COUNTRY RACING**

Goulburn trainer Kurt Goldman and his owners were the proud winners of the SKY Thoroughbred Central Champion Country Horse of the Year, with the marvellous **Eckstein**.

The winner of the Gr3 Southern Cross Stakes and Listed Furphy Paris Lane Stakes at Flemington amongst other stakes placings last season under Kurt's charge, Eckstein was then purchased by Coolmore for \$750,000 at the Magic Millions National Broodmare Sale on the Gold Coast in May, she has so far won the Listed Winter Stakes and was 3<sup>rd</sup> in the Listed Winter Challenge for her new owners and will be off to the breeding barn soon.

Congratulations to Kurt Goldman and Eckstein's owners (Manager Alan Cardy).





#### **PROVINCIAL RACING**



The winner of the SKY Throughbred Central NSW Provincial Champion Horse of the Year was **Angel of Truth**, trained by Gwenda Markwell at Kembla Grange and owned by Ross Williams of Superhorse.

The 3yo gelding, who kicked off the season with a narrow maiden win at \$19 on his home track at Kembla last November, won five races during the 2018/19 season, including the Group 1 ATC Derby and the Group 2 Tulloch Stakes.

Not a bad rise to fame!



#### **COUNTRY & PROVINCIAL NEWS**

Major increases to prizemoney at country racing carnival was announced in July, boosting the annual total to more than \$81 million, an increase of \$48 million since 2012.

There will now be eight feature Country Cup races with prizemoney of \$200,000 at the following racecourses: Port Macquarie, Goulburn, Albury, Wellington, Tamworth, Wagga Wagga, Scone and Grafton.

In addition, prizemoney for Grafton's Ramornie Handicap, the Wagga Wagga Town Plate and Scone's Dark Jewel Quality will also be increased to \$200,000.

The Coffs Harbour and Muswellbrook Cups will receive an increase in prizemoney to \$150,000 each and the Taree Cup, Dubbo Cup and Snake Gully Cup at Gundagai will receive an increase in prizemoney to \$100,000.

Also, the feature meetings at Lismore, Coonamble, Coonabarabran, Mudgee, Moruya, Bega and Orange have received significant increases for their Cups and support races at these meetings.

At each of these feature country meetings there will now also be a \$50,000 'Country Magic' race which is restricted to country-trained horses only. These 'Country Magic' races will ensure country participants have an extra opportunity to compete at these feature meetings.

These latest announcements follow on from recent increases to minimum prizemoney levels to \$22,000 per race and 40 Country Showcase meetings per annum with each race being at least \$30,000 and the introduction of races restricted to country-trained horses only such as:

- \$1.3 million The Kosciuszko
- \$500,000 Country Championships Final
- 7 x \$150,000 Country Championships qualifiers throughout NSW for total \$1,050,000
- \$75,000 weekly Highway races
- \$40,000 maidens for country-trained horses only

Racing NSW has also recently announced the 2020 dates and venues for the \$1.6 million Country Championships and \$1.25 million Provincial Championships Series.

The Country Championships will culminate with a \$500,000 final at Randwick on 4 April, 2020, while the Provincial Championships will culminate at the same venue and for the same prizemoney, on 11 April 2020.

#### COUNTRY CHAMPIONSHIP TABLE:

Date	Day	Venue	Region
15 February 2020	Saturday	Coffs Harbour	Northern Rivers
16 February 2020	Sunday	Nowra	South East
22 February 2020	Saturday	Albury	Southern Districts
23 February 2020	Sunday	Taree	Mid North Coast
1 March 2020	Sunday	Mudgee	Central Districts
8 March 2020	Sunday	Tamworth	Hunter & North West
15 March 2020	Sunday	Coonamble	Western
22 March 2020	Sunday	Muswellbrook	Wild Card
4 April 2020	Saturday	Royal Randwick	Final

#### PROVINCIAL CHAMPIONSHIP TABLE:

Date	Day	Venue
29 February 2020	Saturday	Newcastle
7 March 2020	Saturday	Hawkesbury
14 March 2020	Saturday	Gosford
21 March 2020	Saturday	Kembla Grange
28 March 2020	Saturday	Wyong
11 April 2020	Saturday	Royal Randwick (Final)





#### **BOBS & BOBS EXTRA UPDATE**



**By Mark Brassel** 



Galaxial (Sam Clipperton) shades You and You Alone at Nowra. *Image by Bradley Photographers* 

Promising filly **Galaxial** posted her first BOBS Bonus for connections with a hard-fought victory at Nowra on August 25.

A daughter of Deep Field, Galaxial was well-tried in the betting (\$4.60 into \$3.70) but endured a tough run having been posted three-wide the entire trip.

However, Sam Clipperton was content to sit outside the odds-on favourite You and You Alone (\$1.80) who was oneoff the leader Hasty Minx.

But after a long struggle down the stretch, Galaxial proved superior in the run to the line defeating the popular elect by three-quarters of a length.

Prepared by the Richard and Michael Freedman team, Galaxial netted a \$5625 BOBS bonus for connections at only her second race start.

There were two BOBS bonus winners the previous day at Newcastle when Heart of the Oak (James Innes jnr, \$2.10 fav) and Mayaaseh (Cejay Graham, \$4.20) landed the major prize.

Heart of the Oak (by Sebring for trainer Gerald Ryan) and Mayaaseh (Exceed and Excel, Peter & Paul Snowden) each picked up BOBS bonuses of \$5625 for connections.

#### **BOBS LEADERBOARD**

HORSE	SIRE	BOBS BONUSES	WINS
DAWN PASSAGE	Dawn Approach (IRE)	\$22,500	1
MANDELA	Sebring	\$22,500	1
PANDEMIC	Sepoy	\$22,500	1
SUBEDAR	Sepoy	\$22,500	1
CAPTAIN STARDUST	Star Witness	\$11,250	1
DEFERENCE	Exceed And Excel	\$11,250	1
HEART OF THE OAK	Sebring	\$11,250	2
LAKIA	Redoute's Choice	\$11,250	1
REFORMIST	Dissident	\$11,250	1
YAO DASH	Smart Missile	\$11,250	1

#### **MEMBERS' BLACK TYPE HONOUR ROLL**

Following is a list of all black type races won by our members for the entire racing 2018/19 season. Additions to the Honour Roll in June & July are shown in <u>Bold</u>.

ATC Winx Stakes ATC George Main Stakes VRC Makybe Diva Stakes ATC Epsom Handicap VRC Turnbull Stakes MVRC W S Cox Plate VRC Cantala Stakes MRC Blue Diamond Stakes MRC Futurity Stakes ATC Chipping Norton Stakes ATC Golden Slipper Stakes ATC George Ryder Stakes ATC Ranvet Stakes ATC Tancred Stakes ATC Sires Produce Stakes ATC Doncaster Hcp ATC Queen Elizabeth Stakes ATC Sydney Cup BRC Stradbroke Hcp ATC Silver Shadow Stakes ATC Chelmsford Stakes ATC Theo Marks Stakes ATC The Shorts

VRC Danehill Stakes

G1 G1 G1 G1 G1

G1 G1 G1 G1 G1 G1 G1

G1 G1 G1 G1 G1 G1 G1

G2

G2 G2

G2 G2 Winx Winx Grunt (NZ) Hartnell (GB) Winx Winx Best of Days (GB) Lyre Alizee Winx Kiamichi Winx Avilius (GB) Avilius (GB) Microphone Brutal Winx Shraaoh Trekking

Fiesta Unforgotten Home of the Brave (IRE) Ball of Muscle Encryption P & Mrs P Tighe, Mrs D Kepitis P & Mrs P Tighe, Mrs D Kepitis R Legh Godolphin P & Mrs P Tighe, Mrs D Kepitis P & Mrs P Tighe, Mrs D Kepitis Godolphin Godolphin P & Mrs P Tighe, Mrs D Kepitis Godolphin P & Mrs P Tighe, Mrs D Kepitis Godolphin Godolphin Godolphin R & C Legh Racing Pty Ltd P & Mrs P Tighe, Mrs D Kepitis Mr D M Ackery, Mrs K Ackery Godolphin

D Henderson P & Mrs P Tighe Godolphin N B Couper Godolphin G2

ATC Shannon Stakes ATC Golden Pendant ATC Hill Stakes ATC Roman Consul Stakes MRC Schillaci Stakes MRC Tristarc Stakes MVRC Moonee Valley Gold Cup VRC Linlithgow Stakes MRC Sandown Guineas ATC The Villiers ATC Expressway Stakes ATC Breeders' Classic ATC Apollo Stakes ATC Silver Slipper Stakes MRC Caulfield Autumn Classic MRC Peter Young Stakes ATC Skyline Stakes ATC Challenge Stakes MVRC Alister Clark Stakes ATC Skyline Stakes ATC Challenge Stakes ATC Reisling Stakes VRC Sires' Produce Stakes GCTC A D Hollindale Stakes VRC Aurie's Star Handicap ATC Show County Quality SAJC Spring Stakes MRC The Heath 1100 ATC Concorde Stakes NJC Spring Stakes NJC Newcastle Gold Cup ATC Kingston Town Stakes MRC How Now Stakes ATC Colin Stephen Quality VRC The Bart Cummings MRC Northwood Plume Stakes MRC Coongy Cup ATC The Nivison VRC Carbine Club Stakes VRC Ottawa Stakes VRC Maybe Mahal Stakes MRC Eclipse Stakes MRC Kevin Heffernan Stakes Gosford Belle of the Turf Stakes BRC BT McLachlan Stakes ATC Widden Stakes ATC Canonbury Stakes MRC Manfred Stakes MRC Carlyon Cup ATC Southern Cross Stakes CTC Black Opal Stakes ITC Keith F Nolan Classic ATC Sky High Stakes ATC Pago Pago Stakes ATC Magic Night Stakes VRC Thoroughbred Breeders Stakes ATC Doncaster Prelude ATC P J Bell Stakes ATC Carbine Club Stakes ATC Kindergarten Stakes ATC James HB Carr Stakes ATC Hall Mark Stakes HRC Hawkesbury Guineas BRC Rough Habit Plate BRC Grinders Coffee Roasters ATC The Rosebud MRC Regal Roller Stakes HRC Rowley Mile MVRC Mitchell McKenzie Stakes ATC Premier's Cup WRC Mona Lisa Stakes WRC Wyong Gold Cup SAJC Morphettville Guineas VRC Exford Plate VRC Testa Rossa Stakes VRC Poseidon Stakes VRC Paris Lane Stakes MRC Gothic Stakes ATC City Tattersalls Cup VRC Jim Beam Stakes VRC Springtime Stakes Tatts Qld Legacy Classic BRC Nudgee Quality VRC Bagot Hcp ATC Australia Day Cup TRC Tasmanian Derby ATC Lonhro Plate TRC Strutt Stakes MVRC Moonee Valley Night Cup VRC Talindert Stakes ATC Parramatta Cup TTC Weetwood Handicap

**BRC Mick Dittman Plate** 

Noire Shumookh Ace High Sesar Ball of Muscle Shumookh Ventura Storm (IRE) Osborne Bulls Ringerdingding Sky Boy Alizee Champagne Cuddles Winx Time to Reign Global Exchange Avilius Microphone Ball of Muscle Global Exchange Microphone Ball of Muscle Tenley La Tene Life Less Ordinary Voodoo Lad Le Romain Dollar for Dollar Ball of Muscle Redzel Aramayo Carzoff (FR) Avilius (GB) Winter Bride Miss Admiration Avilius (GB) Winter Bride Best of Days (GB) Resin Ranier Bella Rosa Cool Passion Tally Cool Passion Sexy Eyes Sun City Amercement McLaren Tin Hat Avilius (GB) Eckstein Pin Sec Pohutukawa Red Cardinal Cosmic Force Kiamichi Flit Mister Sea Wolf Multaia Ringerdingding Bivouac Laburnum Trekking Military Zone Purple Sector Savatiano Sandbar Osborne Bulls Mister Sea Wolf (Ire) Brutal (NZ) Avilius (GB) Savatiano Carzoff (FR) Fiera Vista Brutal (NZ) Trekking Wild Planet Eckstein Ranier Exoteric (GB) Pohutukawa Ringerdingding Stella Victoria Manicure Etymology Etymology Cossetot Bivouac Rock Dove Vengeur Masque (ire) Microphone Red Cardinal (Ire) Sexy Eyes Plague Stone

D & Mrs M McLeish Emirates Park J Cordina J & Mrs A McDonnell N B Couper Emirates Park R Legh Godolphin W & Mrs R Mula, K Maloney Think Big Stud Godolphin Ramsey Pastoral Co (S & T Ramsey) P & Mrs P Tighe, Mrs D Kepitis G Bachell, Grant Bloodstock, Whitby Bloodstock China Horse Club Racing Godolphin Godolphin N B Couper China Horse Club Racing Godolphin Mr N B Couper Godolphin Godolphin Mrs K Ackery, Mr D M Ackery K Maloney A Carusi R Legh N B Couper J N Allen Godolphin N & Mrs A Vass, D & Mrs K Ackery Godolphin K Maloney K Malonev Godolphin K Maloney Godolphin Godolphin Godolphin K Maloney J & Mrs A McDonnell, Ms J Henning, D Balian Godolphin J & Mrs A McDonnell, Ms J Henning, D Balian P & Mrs P Tighe Mrs A McDonnell, Mr J S McDonnell Godolphin China Horse Club Racing Godolphin Godolphin A M Cardy Godolphin Godolphin A Mitevski China Horse Club Racing Godolphin Godolphin Magic Bloodstock Godolphin Mrs R J Mula Godolphin Godolphin Godolphin Godolphin Think Big Stud Godolphin N & Mrs A Vass Godolphin P & Mrs P Tighe R Legh Godolphin Godolphin N & Mrs A Vass, D & Mrs K Ackery J Camilleri R Legh Godolphin R Legh A M Čardv Godolphin K Pryke, P & Mrs P Tighe, D & Mrs K Ackery Godolphin W & Mrs R Mula, K Maloney W & Mrs R Mula Godolphin Godolphin Godolphin Godolphin Godolphin Godolphin R & C Legh Racing Godolphin T Mitevski Magic Bloodstock Racing Godolphin

LR	HRC Hawkesbury Gold Rush
LR	GCTC Silk Stocking
LR	Scone RC Ortensia Stakes
LR	Scone RC Luskin Star Stakes
LR	BRC Queensland Day Stakes
LR	BRC Chief De Beers Quality
LR	BRC Lightning Hcp
LR	BRC Helen Coughlin Stakes
LR	ATC June Stakes
LR	BRC The Wayne Wilson
LR	Tatts RC Winning Edge Presentation stakes
LR	Tatts RC GH Mumm Stakes
LR	ATC Civic Stakes
L	CPLIC Graften Cun
LR	CRJC Grafton Cup
RL	MVRC Inglis Banner
RL	Magic Millions 2yo Classic
RL	Scone TC Inglis Guineas

Intuition Demerara Viridine Trekking Vega One Isaurian Plague Stone Multaja Deprive Vinland Kordia Duca Valentinois (Ire) Gaulois Sacred Day (NZ)

Espaaniyah Exhilarates Wild Planet Godolphin Godolphin Godolphin Emirates Park Godolphin Godolphin Godolphin Mrs JA McDonnell, Team McDonnell Godolphin Godolphin Godolphin Godolphin L Mihalyka, S P Grant

Emirates Park Godolphin R & C Legh Racing



#### **INDUSTRY NEWS**

# Scientists Identify Genetic Link to Explain Why Some Horses Never Race

#### Role of one gene, dubbed the 'Motivator Gene', identified as key

#### "Attitude may be as important as physical ability"

New research by scientists at University College Dublin and equine science company Plusvital has established that genes associated with behaviour may play as big a role as a horse's physical attributes in whether a Thoroughbred horse races or not.

Previous studies have shown that less than half of Thoroughbred foals born actually race, with durability or the ability of the horse to withstand the rigours of a training regime seen as a critical factor.

Now, new peer-reviewed research, published recently in the scientific journal Animal Genetics, has established that there is a genetic contribution to whether a horse is likely to race and has identified genes associated with behaviour that may be key influencers. One of these genes is PRCP, which on the basis of these results may be considered the 'Motivator Gene'.

The research team was led by UCD Professor of Equine Science, Emmeline Hill, who is also Chief Science Officer with Plusvital.

Professor Hill noted that the high proportion of Thoroughbred foals that do not make a racecourse start, despite being specifically bred for this purpose, has a major economic impact not just for the owner but for the racing industry as a whole. She said the identification of key genes opened up exciting possibilities for the sector.

"Our study of 4,500 horses, some that raced and some that did not, has established a measurable genetic link to future racing potential and identified several genes of particular



importance. The most important genes appear to be involved in neurological or behavioural traits. This is fascinating in the context of trainers' assessments that a horse's 'attitude' to their exercise regime is among the most important aspects to a positive outcome on the racetrack."

"One of the genes, known as PRCP, has previously been shown to be associated with voluntary wheel running in mice. Our findings support the theory that, just as with humans, motivation to exercise may be a critical factor in maintaining a training regime and achieving a high level of fitness. Some horses are just naturally keener for their job than others. This may manifest directly in the training environment, but it is also possible there are more subtle effects from a younger age."

"The more naturally active foal or yearling in a paddock is likely to strengthen better than others that are less naturally motivated to play and move around, and this could have knock-on effects later in life," she said.

In addition to establishing a genetic link, the scientists developed a new predictive test for determining the chances a Thoroughbred has of making a racecourse start in their two- and three-year-old racing seasons.

"The prediction model analyses the DNA of a horse and then categorises them as having a 'High', 'Medium' or 'Low' chance of making a racecourse start. Horses categorised as 'High' are more likely to have a racecourse start, more likely to run in more races, more likely to have higher earnings but curiously do not have a significantly different sales price. This is therefore valuable information that even the most astute in the market currently cannot assess from the pedigree or by physical assessment of the horse."

"Of course, genetics cannot on its own replace the current tools. There are many other reasons a horse may not progress to race, through injury or the presence of performance-limiting disorders. But while there are veterinary screening tools for those, there is currently no other means to determine a young horse's motivation to exercise other than long-tern observation, and by then it may be too late to get the best out of them."

Speaking about the application of the test in practice, Simon Chappell, an early adopter of Plusvital's genetic testing technologies and breeder of Irish 2,000 Guineas placed Decrypt, said that among the large number of horses he has tested he has seen "an uncanny correlation" between the high potential horses that do well on the racetrack and the horses that score as low potential who haven't made the grade. "The test matches perfectly," he said, adding that he has noted "both physical and behavioural differences" in the horses.

The genetic test arising from this research, the 'Raced/Unraced' test, is available from Plusvital. For further information go to www.plusvital.com.



