

President's Message

By Joan Olson

June 2022

Fellow Curly members,

Convention time is drawing near! We are having an in person 2022 Convention at Ironwood Events Center in Reno, Nevada August 18-20th. Most of the board will be attending as well as some members. If interested, please contact the office or any of the Board members to let them know of your attendance. For information about the Ironwood Center go to www.ironwoodeventcenter.com.

We plan on having a Trail Clinic and maybe even a small Trail Trial for members on our lesson Curlies. There will not be a Host Hotel since all the meetings will take place at Ironwood Event Center. We do have RV hook-ups with electric and water if you are interested in going that route and wish to drive to the Convention.

Food will be donated by Ironwood so the sign-up cost should be lower than previous Convention years. It is nice to get together and talk Curly stories, it's been too long! Come and play with our 6 friendly curly foals! There is more info on the website and the ABCR Facebook page and we will be updating the agenda and event schedule also. There is a possibility of having a zoom call for members who will not be able to attend.

I wish to thank all our members for their dedication to the Curly Horse.

Joan Olson

ABC President

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ABCR Convention 2022

Reno, Nevada Ironwood Events Center

Welcome to our Annual In-Person Convention to be held in Reno, Nevada. High Desert Equine Center looks forward to showcasing our Curly breeding program to fellow members who attend. We hope to have a Trail Trial Clinic, Lessons on our Curlies, and a lecture/Talk by Diane Mitchell on "The Curly Genes" by Dr. Mitch Wilkerson. There are some nice attractions in the areas to visit, Lake Tahoe for sure, the Reno Riverwalk with its restaurants and there is also a Car Museum downtown. The Casinos are always fun for some and have rooms for your stay. There is a list below of the closest ones to the Ironwood Center where the Convention is being held. There will not be a Host Hotel this year, all events and Meetings will take place at the Ironwood Center, for information go to www.ironwoodeventscenter.com.

So, let's support our ABC Registry and come to Reno for the

2022 Convention to be held August 18-20, 2022.

Please contact the ABCR office at (859)250-4364 or email; abcregistry@aol.com for more information and sign-up. You can also email Host Joan Olson at jo_curlies@hotmail.com for additional info about events, lessons and agenda. Food will be donated by Ironwood Events Center, so it will not be included in the sign-up. Sign up form posted on the website.

Meals will include Friday-Saturday, Continental Breakfast at Center starting at 8:30 AM, Lunch, Friday and Saturday, Dinner, Friday and Banquet with Awards, Saturday. Meetings will start at 9:30 AM on Friday with activities after Lunch. Agenda to follow, watch for more on Facebook and the ABCR website. Feel free to ask the office or any of the District Representatives questions concerning information on the Convention.

HOTELS-20 to 30 minutes from Center

Fairfield Inn & Suites, 2085 Brierley Way, Sparks NV 89434 (775)355-7700 WoodSpring Suites, 140 Salomon Court, Sparks NV 89434 (775)501-8700 Hampton Inn & Suites, 200 Legends Bay Dr., Sparks NV 89434 (775)351-2220 Best Western Plus, 55 E Nugget Ave., Sparks, NV 89431 (775)358-6900 CASINOS-20-30 minutes from Center

Nugget Casino Resort, 1100 Nugget Avenue, Sparks, NV 89431 (800)648-1177 Grand Sierra Resort & Casino, 2500 E Second Street, Reno, NV 89595 (775)789-2000



ABCR Convention Sign-Up Form

August 18-20th, 2022
Ironwood Events Center
Reno, Nevada

Name			
Cell			
Adult ABCR Member	\$50.00 each X # of Adults	=	
Adult Non-Member	\$85.00each X # of Adults	=	

Food will be Donated by Host, Ironwood Events Center which includes
Dinner at Host Joan Olson's House, A Meet and Greet, Thursday Evening
Meals included are Continental Breakfast Friday and Saturday morning.

Lunch, Friday and Saturday.Dinner Friday and Saturday (Awards) at Ironwood Event Center.

Sign-Up deadline is July 31st, 2022.

For more information email: jo curlies@hotmail.com

Make checks out to ABCR, send to PO Box 1476, Florence, Kentucky 41022-1476



NEWS CORNER

+ + NEWS FROM THE CURLY REGISTRY + +

+ FULL CURLY REGISTRY +

4320 HETKITALLIN HELMI Congratulations Miia Autere!



4319 RGC BEAUTIFUL DAY Congratulations Miia & Katja Koli Autere!



4318 WHRILWIND FINN Congratulations Karalee Bell!



4317 WHIRLWIND JAZZ'S RED Congratulations Karalee Bell!





NEWS CORNER

4316 OAKESMUIR GERONIMO Congratulations Greg & Sonja Oakes!



4315 OAKESMUIR SMOKE Congratulations Lawrence Spring!



4314 PALLAS VUORDDALMAS Congratulations - Eeva-Leena Alho!



+ FULL STRAIGHT REGISTRY +

S811 WHIRLWIND CHICKADEE LAST C Congratulations to Karalee Bell!





NEWS CORNER

+ BLOOD PERCENTAGE REGISTRY +

PB813 TIMBER HAWK Congratulations to Sarah & Emily Green!



+ MUSTANG REGISTRY +

M15 HIDDEN CAVE COAL Congratulations to Marion Huurman!







You can do IT!

By Melinda Martino

I was the greatest Horse Show Mom ever! I carried all the essentials; brush, hoof pick, rag for kid and horse, etc. I wiped dust from boots and boogers and manure from the horse. If you've ever taken a child to a horse show you know what I mean.

I rode in 4-H as a child and took some hunter lessons. My horse, Amigo started life as a stallion and after 7 years of vacillating, I gelded him. He was turned out with the rest of the lawn ornaments for 6 additional years. In the tween time, he was acclimated to groundwork and introduced to the saddle. Then, just as he was getting somewhere, the little gal who was working with him left for college.

Fast forward to present day...I'm 64 years old and taking riding lessons on my 15-year-old curly horse, My Amigo. He is a grandson of Spartacus and is just 14hhs. We are learning dressage together and I'm having a great time. I moved Amigo to a local barn owned by a great trainer/friend. She thinks he is brilliant and can't get over the fact that he learns so quickly and wow, at 13! (I should tell you that she started with another curly who set the standard, also in her teens).

If I have any regrets in my life, it is that I waited so long to get going. The photo is me and Amigo at our very first show. His third trip off the farm and my first horse show in 45 years.

So, I guess what I want you to know, is that an old gal and middle-aged horse can be taught new skills and have a great time doing it.



Melinda Martino and ABCR 3944 My Amigo



Sharing a Curly moment

By Caren Schumann

We are all horrified when we hear the news about Ukraine. This incredibly brutal war of aggression leaves us speechless. But it all gets even much worse when you meet people fleeing from this area personally and hear the stories they tell.

Mom and daughter, let us call them Olga and Natasha, were fleeing from Charkiv, a city in the very east of the Ukraine. The Russian border is only about 25 miles away. They had a normal life, a nice flat in a city of millions. And all the sudden the bombing started. They had to grab a few things and arrived with only two suitcases in Germany. What to do, were to go? Fortunately, both already could speak a bit German since Natasha wanted to go to university in Germany anyways. However, it is hard to imagine how one must feel when the whole life you were living is shattered to pieces within only a few days.

And this is when the Curly Horses join the game. The two Ladies felt bad for sure, but our Curlies made a warm welcome. The Curlies put a smile on their faces and helped to relax.







Curly Genes and Mutations

By Diane Mitchell

Studies involving curly horses and their genetics have shown us many things, but it also left some questions we didn't know we would have. It seems there is no single curly gene which causes curly coats in horses, instead there are mutations on existing horse coat genes which cause the curly coats. A 'mutation' is simply a version of an existing gene which differs from the more common version known as 'wild type'.

Mutations can be bad, but they are just as likely to be advantageous and a good thing for the animal. Because there are many causative mutations for curly coats which can be inherited independently, it is possible for horses to inherit two curly mutations simultaneously. These horses are known as 'dual gene curly horses'. Dual gene inheritance can lead to some partially or totally bald horses, which many owners are afraid of producing when they breed curly horses. There may be other causes of baldness, but incompatible gene combinations is thought to be one such cause.

In this article, when I speak of KRT25 or SP6, I am speaking of mutations. All horses have these genes, but curly horses have mutations of these genes. Homozygous refers to having 2 mutations of one type (+/+), heterozygous, just one (+/-).

A mutation on the hair keratin gene KRT25, is the most common cause of curly coats in North America. It is the most common causative curly coat mutation found both in wild herds and domestic curly horses. The Missouri Foxtrotter lines of curly horses have a transcription factor mutation which affects the hair follicle during fetal development.

It is known as SP6. KRT25 affects the hair shaft causing brittle hair versus SP6 which affects the shape of the hair follicle. There are 3 other known curly coat causative mutations found in North America. These are known as Sulphur, Cook, and Unknown Curly Gene a (UCGa). Through a combination of testing for KRT25 and SP6, in conjunction with pedigree and inheritance patterns, these curly coat producing gene mutations are known to exist. The specific horse genes where these mutations reside have not yet been isolated, so currently testing for these specific gene mutations is unavailable.

The newly discovered UCGa mutation has been found, but the specific gene where it resides has not been isolated yet. Its home is probably in a keratin gene family like KRT25. So far, UCGa horses have a good curly coat in the winter, but a very sparse summer coat. These horses have long been thought to be a version of 'extreme', which they are not. One characteristic found with UCGa horses is a thinning of hair at the top of the tail, and a 'poof' at the end of the tail. This has been termed a 'paint brush tail'.

This unusual tail morphology is found winter and summer. By itself, it isn't a problem. However, when combined with other types can lead to partial baldness or even total baldness. It is also not known what a homozygous UCGa horse looks like.

It is unknown if mixing UCGa with SP6 will lead to baldness. It is known that mixing UCGa with KRT25 leads to baldness.



Note- An extreme horse (KRT25 +/+) is not bald, but merely a homozygous KRT25. If a horse is bald, UCGa is involved.

There are acceptable combinations, e.g. KRT25 with SP6. See possible combinations below.

(+/-) KRT25 & (+/-) Sulphur = unknown

(+/-) KRT25 & (+/-) Cook = unknown

(+/-) KRT25 & (+/-) SP6 = acceptable combination

(+/-) SP6 & (+/-) Sulphur = unknown

(+/-) SP6 & (+/-) Cook = unknown

(+/-) KRT25 & (+/-) UCGa = bald patches

(+/-) Cook & (+/-) UCGa = unknown

(+/-) SP6 & UCGa = unknown

(+/+) KRT25 & (+/-) UCGa = total baldness

From the above combinations, you can see there are many possible outcomes for dual gene horses. However, until the genes for these mutations can be isolated so testing can be available, we do not know the physical appearances (phenotype) for most of these coat types. We do know that the KRT25 and SP6 combination produces a very good coat.

In the meantime, many wonder about testing. If you breed at any level, testing might be a good decision. Do you want nice curl on your foal? Do you care if it's bald? Do you want it for future breeding prospects? Or for others to breed to?

Knowing the mutations that your horse has may be of benefit. It may also help identify the genes that we don't know now. Whatever you decide to do, there are places to test. Etalon (www.etalondx.com) is the main one. Straight haired, or smooth-coated horses are a good match to those that are homozygous. They also may be a really good match to the UCGa. Again, more testing will show, but for now, don't be afraid to use those smooth coated horses for breeding, because they could be a really good asset to breeding programs.

As time goes on, we hope to have more answers, especially in identifying UCGa. As it and others are found, I'm sure we'll have more answers. Will we have more questions? Just need to wait and see.





Today's FAQ

HOW CAN I TELL IT IS A CURLY HORSE I SEE?

Curly horses comE in all colors and vary a lot regarding their size and type. The winter coat expresses itself in a variety of patterns commonly described as Marcel Wave, Crushed Velvet, Curl and Micro Curl.

The summer coat also offers varieties ranging from smooth to wavy. The manes and tails vary from ringlets, corkscrews to dreadlocks. The hair in their ears and on the fetlocks is wavy or curly, too, and the eyelashes are often considerably curled up.

Around a quarter of all Curly Horses are born with a straight coat, mane and tail. They do not show the characteristics as described above, however, their coat is considerably different to those of other breeds.

Especially in winter it is thicker and much softer than the coat of other horse breeds, like bunny hair. Straight Curly Horses seem to have the same hypoallergenic trait like their Curly relatives.





Miscellaneous

PLACE AN AD ON THE WESITE AND IN THE CURLY CUES!

Do you want to sell or buy a Curly Horse, or promote your Curly Horse Farm? Place an ad in the Curly Cues!

Visit https://abcregistry.org/place-an-ad/ for details!

A SNIPPET OF THE PAST (CC 4-30-1990)

Does this picture look familiar to you? Enjoy!



SYNDAR'S CURLY JACKET ABC -1048 ---

SPRING !!! And beautiful Curly foals like this adorable hushy bay colt belonging to Louis Wickersham of Sequim WA should gladden the hearts of many this Spring. They are so sweet and friendly. And, with 68 licensed breeders, new foals should make ABC grow by "leaps and bounds" this year. A Curly foal is true HAPPINESS in capital letters!

GREETINGS FROM GERMANY!

Have all a beautiful summertime together with your Curly Horses! We enjoy the long warm days, and the Curlies do for sure as well!

Caren Schumann, Germany







Breeders

District 1

#338 Joan Olson HIGH DESERT EQUINE CENTER 5555 Wilcox Ranch Rd Reno NV 89510 PH: 775-475-2250

E-Mail: ilovecurlies@hotmail.com

Website: http://www.hdequine.com
Stallions: WW PETER LAKOTA, ABC 3638
WARRIOR'S STARBERNDT, ABC 3445

MAXIMUM'S PRIDE, ABC 3650

District 2

Currently no breeder

District 3

#317 Brandon & Jennifer Bennett SUNFLOWER TRAILS LLC 147 Rocky Lane Bastrop, TX 78602 PH: 512-965-7543

E-Mail: sunflowertrails@curlypinesranch.com
Website: http://www.curlypinesranch.com/
Stallion: SFT TRUE HEART, ABC 3644

370 Angela Gaines GOLDEN CURLS RANCH 7480 CR 4095 Kaufman, TX 75142 PH: 214-794-1776

E-Mail: angie@goldencurlsranch.com

WEBSITE: http://www.goldencurlsranch.com Stallions: RENEGAIT CHESTERFIELD, ABC 3665 BLACK ROCK'S GOLDEN FIREFLY, ABC M1

District 4

Currently no breeder

District 5

Currently no breeder

District 6

#79 Tom & Brenda McNally HARDSCRABBLE FARMS 7 Town Shed Rd Minerva, NY 12851-9713 PH: 518-251-3424

E-Mail: curlynut@frontiernet.net,

curlyhorselady67@yahoo.com, rubylab@barton.com

Stallions: THUNDER ROAD, ABC 2800 WW QUARTER MOON, ABC 2454

District 7

#385 Marion Huurman HIDDEN CAVE RANCH Burkesville, KY 42717 PH: 270-433-3225

E-Mail: marion@hiddencaveranch.com Website: www.HCRcurlyhorses.com Stallion: STAG CREEK YUWIPI

District 8

#18 Sonja/Greg Oakes OAKESMUIR CURLY HORSES RR #5.

Guelph, ONT, CANADA NIH 6J2 PH: 519-822-1211 FAX: 519-846-5554

E-Mail: bashcurl@golden.net

Website: http://www.curlyhorse.com

Stallion: OAKESMUIR DUKE OF CURL, ABC 2818

#166 Karalee Bell WHIRLWIND FARM 4437 County Road 12, RR#2 Lunenburg, Ontario, Canada K0C 1R0

PH: 613-346-5790 E-Mail: bellkr@bell.net

Website: http://www.whirlwindcurlies.com

Stallions: JC'S JOKER, ABC 512 DCC SANTA FE, ABC 2895



Breeders

District 9

#279 Armi & Bertta Laaksonen KOTI OY / LAPIN CURLY TALLI Ounasjoentie 5295 99340 Raattama, Lapland, FINLAND

E-Mail: armi@lapincurlytalli.fi

bertta@lapincurlytalli.fi Website: http://lapincurlytalli.fi/ Stallions: TROY, ABC 3214 SUN WALKER, ABC 2934

#419 Meike Meuser-Klersy Engelshohl 6a 65606 Villmar

E-Mail: klersycurly@web.de

Stallion: TALL TREES WHITE GOLD, ABC 4253

#420 Antje Avram Zecherin 38 17406 Usedom

E-Mail: fritz-antje67@web.de

#427 Maike Monhof-Fuehrer Wipperfuerther Strasse 501 51515 Kuerten

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