



## YOUR MONTHLY NEWS & UPDATES Including Annual Meeting updates

Laboratory Diagnostician's News Matters

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Keith Bailey, DVM, PhD, DACVP  
AAVLD President

### President's Message

#### AAVLD Summer Meetings held in Denver CO

The AAVLD Executive Board held its summer board meeting in Denver on August 7<sup>th</sup>. Fiscal year-end financial data was analyzed and a budget was passed for FY20. The Association's finances are stable and FY19 ended in the black by a slim margin. Organizational management in the future was a major topic of discussion. The board also approved a revision of AAVLD goals as submitted by the Strategic Planning Committee. Also meeting on August 5<sup>th</sup> and 6<sup>th</sup> was the Accreditation Committee. The board heard a report from the Accreditation Committee co-chairs, Dr. Baszler and Dr. Korcal. Dr. Baszler terms out of his role later this year. The AAVLD is fortunate to have the dedicated efforts of the Executive Board and Accreditation Committee.

## "In the Spot light Where are they today?



**Dan Grooms, DVM, PhD, DACVM**

Dr. Daniel Grooms was the 4<sup>th</sup> AAVLD student poster awardee in the 6<sup>th</sup> year (1996) of the student awards program for his poster "Detection of antigen in the ovaries of cows acutely infected with bovine viral diarrhea virus or vaccinated with a commercial modified live bovine viral diarrhea vaccine", Daniel L. Grooms, Kenny V. Brock, Ohio Agriculture Research and Development Center, Food Animal Health Program, The Ohio State University. Today Dr. Grooms is Dean of Veterinary Medicine at Iowa State University and from 1997-2018 was a faculty member, extension veterinarian and department chair at Michigan State University, CVM. He is board certified in veterinary virology by the American College of Veterinary Microbiologists. <https://vetmed.iastate.edu/users/dgrooms>

***Who introduced you to or how did you become aware of AAVLD?***

My mentor and PhD advisor was Dr. Kenny Brock at The Ohio State University. Dr. Brock would very often attend the meetings of AAVLD and the U.S. Animal Health Assn. meeting and it was through him that I attended this meeting and showed my poster.

***Did your training program provide travel funds for you to attend the national meeting?***

I can't recall if I had travel funds to attend this specific meeting, but any good graduate program encourages and provides funding for students to attend national meetings. I know I attended several meetings that made sense for me in my graduate degree program.

***Have you encouraged other students to attend AAVLD meetings or become involved in AAVLD since finishing your training?***

While I was at Michigan State, all of my graduate students present at AAVLD or other national meetings. Not only do I require graduate students to attend these meetings, I need to support that with some sort of travel funds. I want them to not only present posters but to attend all aspects of these meetings. These meetings are some of the most important training components for any graduate student – from listening to experts to networking for that first job after graduation. I believe graduate student mentors need to realize

this is a critical aspect to a student's training. It's just so important.

***Was your first experience attending an AAVLD national meeting a good one?***

I came from a practice background before going back to work on my PhD. This meeting was all new to me so I soaked up everything I could about bovine diarrhea virus. I looked at everyone's posters and worked hard to talk to people. This experience helped me grow as a scientist.

***How can AAVLD meet the needs of student attendees?***

I would say that in order to meet the needs of students, any scientific meeting should encourage graduate student involvement through travel stipends, competitions, and networking opportunities.

## AAVLD Job Board

### Take advantage of the terrific AAVLD resources offered to our members.

AAVLD offers its members a low cost web-based career center that connects job seekers with prospective employers in the veterinary diagnostic laboratory industry. The job board, powered by career services leader JobTarget, provides access to AAVLD members and non-members alike. The cost is \$75 for a 90-day posting.



#### Veterinary Jobs - American Association of Veterinary...

The American Association of Veterinary Laboratory Diagnosticians offers the top jobs available in Veterinary diagnostic labs. Search and apply to open positions or post jobs on the American Association of Veterinary Laboratory Diagnosticians now.

[Read more](#)

aavld-jobs.careerwebsite.com

Contact Reda ([rozuna@aavld.org](mailto:rozuna@aavld.org))

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**Next Year's Membership renewals due by November 15!**

AAVLD membership is open to any individual interested in the disciplines and activities of veterinary diagnostic laboratories. Membership terms are by calendar year (January-December) and membership dues are payable by November 15th of the preceding year (to ensure inclusion in the annual membership directory, eligibility for committee involvement, and receipt of all six issues of the JVDI). Note: In order to receive a discounted rate for the Annual Meeting registration, you are required to be a current AAVLD Member. [Renew your membership today!](#)

## Make a difference

### ARE YOU ENGAGED?

**Committee work is the foundation of AAVLD's ability to fulfill its mission. If you are interested in joining a committee and contributing to its efforts, please email the appropriate committee chair.**

## JVDI In Focus

*The goal of JVDI in Focus is to bring attention to an interesting article appearing in the Journal of Veterinary Diagnostic Investigation. This month's focus is on an article in the upcoming September issue:*

### ***Mycoplasma bovis* at Acute and Chronic Stages of Bovine Respiratory Disease Complex**

by Kemal Mehinagic, Paola Pilo, Beatriz Vidondo, and Nadine Stokar-Regenscheit  
J Vet Diagn Invest 2019;31(5)

**Abstract.** Viral agents such as bovine respiratory syncytial virus (BRSV) and bovine parainfluenza virus 3 (BPIV-3) are considered primary infectious agents in bovine respiratory disease complex (BRDC). Information regarding the pathogenesis of BRDC is scarce, especially at an advanced chronicity stage, in addition to ongoing coinfection with other primary agents such as *Mycoplasma bovis*. Based on a retrospective review of histology slides from 104 autopsy cases, we classified cases according to type of pneumonia and chronicity. We performed immunohistochemistry (IHC) for BRSV, BPIV-3, and *M. bovis* as well as real-time PCR (rtPCR) for *M. bovis* on lung tissue of all 104 cases and correlated results with the morphologic type of pneumonia. Histologically, 79 cases were classified as bronchopneumonia, 16 as bronchointerstitial pneumonia, and 9 as interstitial pneumonia. In 89 cases, at least 1 of the investigated agents was detected by IHC; 44 of these cases had a coinfection. BPIV-3 was the predominant agent present, as a single infection in 39 cases, and in coinfection with *M. bovis* in 39 cases. Comparing the detection methods for *M. bovis*, rtPCR was more specific and sensitive than IHC. The combination of both methods provided a good visual tool for assessing severity and distribution of *M. bovis* antigen within the tissue. Unlike BRSV, BPIV-3 and *M. bovis* persisted in chronic BRDC, suggesting ongoing impairment of defense mechanisms in the lung.

**Corresponding author:** Kemal Mehinagic, Institute of Animal Pathology, Department of Infectious Diseases and Pathobiology, Vetsuisse Faculty, University of Bern, Länggassstrasse 122, CH-3012, Bern, Switzerland. kemal.mehinagic@vetsuisse.unibe.ch

# AAVLD Members in the News

## AAVLD Executive Board and Accreditation Committee Denver, CO



AAVLD Executive Board during meeting in Denver CO, August 7<sup>th</sup>.



AAVLD Accreditation Committee meeting in Denver CO, August 5<sup>th</sup> – 6<sup>th</sup>

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Dr. Steve Hooser with new AVMA rep on the AAVLD Executive Board, Dr. Gail Golab.



Dr. Zeman with Dr. Pabilonia,  
ruminating during lunch.



**Dr. Tewari working with Reda Ozuna... discussing the annual meeting program I am sure.**



**Dr. Christina Loiacono discussing board business with Dr. Jerry Saliki.**

**Dr. Zeman and Dr. Golab, heading**

for the airport.



## Journal of Veterinary Diagnostic Investigation

### JVDI Call for Submissions on Next-generation Sequencing

High-throughput, or next-generation sequencing (NGS), is rapidly expanding our ability to detect and genotype various pathogens, and is developing as a tool that will be useful in veterinary diagnostic laboratories. The cost continues to come down, and hence accessibility and practicality are increasing. Research is continuing at a fast pace, and clients of our labs are excited about seeing the benefits of this new technology in the field, especially if the cost-benefit analysis shows value to them and their clients.

**We are inviting submissions to a special JVDI focus issue on applied next-generation sequencing.** If interested, please submit an abstract of up to 250 words describing your proposed topic. Readers would be interested in background review material and current veterinary applications of the technology, including both successes and failures, or lessons learned.

Please submit your abstract to our guest editor, Dr. Laura Goodman, [laura.goodman@cornell.edu](mailto:laura.goodman@cornell.edu) or to the Editor-in-chief, Dr. Grant Maxie, [gmaxie@uoguelph.ca](mailto:gmaxie@uoguelph.ca) by August 15, 2019.

The *Journal of Veterinary Diagnostic Investigation* (J Vet Diagn Invest) is an international peer-reviewed journal published in English as the official journal of the American Association of Veterinary Laboratory Diagnosticians (AAVLD). JVDI is devoted to all aspects of veterinary laboratory medicine. The major disciplines are anatomic pathology, bacteriology/mycology, clinical pathology, epidemiology, immunology, laboratory information management, molecular biology, parasitology, public health, toxicology, and virology.

## ANNOUNCEMENTS

### **AAVLD Revised Version of the Vision, Mission, Core Values and Goals**

#### **Strategic Plan Gets Update**

The AAVLD Strategic Planning Committee co-chairs, Dr. Amar Patil and Dr. Gary Anderson, submitted a revision to the AAVLD strategic plan statement and the Executive Board approved the update at their August board meeting. Specifically, the goals were clarified and made more concise. AAVLD continues to strive to maintain its position as a world leader in advancing the discipline of veterinary diagnostic laboratory science.

# American Association of Veterinary Laboratory Diagnosticians



<https://www.aavld.org>



<https://www.facebook.com/AAVLD>

## Vision

The AAVLD is a world leader in advancing the discipline of veterinary diagnostic laboratory science to promote global animal health and One Health.

## Mission

The AAVLD promotes continuous improvement and public awareness of veterinary diagnostic laboratories by advancing the discipline of veterinary diagnostic laboratory science. The AAVLD provides avenues for education, communication, peer-reviewed publication, collaboration, outreach, and laboratory accreditation.

## **Motto: Advancing veterinary diagnostic laboratory science**

## Core values

The AAVLD is committed to these core values:

- Continuous improvement
- Engagement of members
- Effective communication
- Collaboration
- Support of One Health

## Goals

1. Advocate for the role of veterinary diagnostic laboratories in One Health by engaging in development of animal health initiatives, policies, and dissemination of surveillance information.
2. Foster continuous improvement of diagnostic laboratories through accreditation and continuing education activities while encouraging discovery and innovation in veterinary laboratory diagnostic sciences.
3. Strengthen communication with members and promote their continued professional growth

Our membership spans more than 32 countries worldwide.

**Join us today** and discover for yourself the benefits and resources that AAVLD provides to its members.

## Important Agenda Items for AAVLD

### **AAVLD and USAHA appoint Joint Task Force to Evaluate the Annual Meeting Format**

President Bailey (AAVLD) and President Haase (USAHA) have appointed a joint organizational task force to evaluate the structure and format of the annual meeting. Representing the AAVLD are Amy Swinford, Robert Gibson, Jamie Henningson and David Zeman; representing USAHA are Barbara Determan, Jan Hennebelle, Stephen Crawford and Ben Richey. The current format has been in

use for approximately the past 20 years. The charge of the task force is to assess the current format for effectiveness and efficiency and make recommendations for the future. Determan and Zeman are cochairs of the taskforce. A report to both executive boards are due by February 2020.

## **AAVLD and ACVP Exploring Joint Meeting for 2022**

The AAVLD Executive Board has authorized discussions with the ACVP for a possible one-time joint meeting with the ACVP for 2022. The ACVP approached AAVLD leaders with the idea. Talks are in the preliminary stages only. The collaboration could produce some unique excitement that year. There are no plans to interfere with the long and ongoing partnership with USAHA. Once preliminary ideas are firmed up, USAHA and our meeting planner will be providing counsel. If any AAVLD members have input, they may contact Dr. Zeman at [DZeman@aavld.org](mailto:DZeman@aavld.org).

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## **VETERINARY STUDENT TRAVEL AWARD 2019 USAHA/AAVLD ANNUAL MEETING**

[PDF](#)

## VETERINARY STUDENT TRAVEL AWARD 2019 USAHA/AAVLD ANNUAL MEETING

To promote student interest in careers in public veterinary practice and diagnostic veterinary medicine, the Center for Public and Corporate Veterinary Medicine is soliciting applications for veterinary student attendance at the 2019 United States Animal Health Association (USAHA) and American Association of Veterinary Laboratory Diagnosticians (AAVLD) annual conference. Several travel awards of \$500 each will be awarded to students interested in veterinary public practice, and several will be granted to students interested in laboratory and diagnostic medicine to offset travel expenses to the annual joint USAHA/AAVLD Meeting on October 24-30, 2019, in Providence, RI. The USAHA/AAVLD has agreed to waive registration fees for veterinary students attending the meeting. **Attendance for the entirety of the conference is not mandatory.**

USAHA's 1200 members are state and Federal animal health officials, national allied organizations, and individual members. The organization works with state and Federal governments, universities, research scientists, veterinarians, and others to protect animal and public health and control livestock diseases in the United States and around the world. AAVLD consists of more than 1200 members from 35 different countries and seeks to disseminate information relating to the diagnosis of animal diseases, including establishing, improving, and developing new diagnostic techniques.

The travel awards program was developed under a memorandum of understanding between USAHA, AAVLD and the Center for Public and Corporate Veterinary Medicine at the Virginia-Maryland College of Veterinary Medicine, with an additional generous contribution from TraceFirst.

*"The single greatest aspect of the conference for me was by far the exposure to the breadth of veterinary medicine. I was not only astounded by the many career options available to a DVM, but also incredibly inspired."*

- 2011 veterinary student attendee

**ELIGIBILITY:** Veterinary students from all U.S. colleges of veterinary medicine

**TO APPLY, STUDENTS MUST SUBMIT:**

- 1) A one page essay explaining your interests and experience in veterinary public practice and/or veterinary laboratory or diagnostic medicine, your career aspirations, and what you hope to gain by attending the USAHA/AAVLD Annual Meeting
- 2) A CV or résumé
- 3) A letter of recommendation from a university faculty member or a veterinarian.

**DEADLINE: SEPTEMBER 9, 2019**

**Email: APPLICATION MATERIALS AND/OR DIRECT QUESTIONS TO: DR. VALERIE RAGAN AT**  
[VRAGAN@VT.EDU](mailto:VRAGAN@VT.EDU)

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**Now Accepting Applications For  
THE GUY S. HOHENHAUS VETERINARY STUDENT  
TRAVEL SCHOLARSHIP**

[PDF](#)



Now Accepting Applications For



## THE GUY S. HOHENHAUS VETERINARY STUDENT TRAVEL SCHOLARSHIP

### 2019 USAHA/AAVLD ANNUAL MEETING

In honor of Dr. Guy Hohenhaus, and to preserve his memory, a travel scholarship is being offered each year to veterinary students with an interest in veterinary public practice, epidemiology, or public health. Dr. Hohenhaus was the Maryland State Veterinarian, a former President of the National Assembly of State Animal Health Officials, a professor of epidemiology and animal sciences at the University of Maryland, and a U.S. Army Veterinary Preventive Medicine Officer.

The Northeast U.S. Animal Health Association is soliciting applications for veterinary student attendance at the 2019 United States Animal Health Association (USAHA) Annual Meeting - see <http://www.usaha.org/>. Two Travel Scholarships in Dr. Hohenhaus' name of \$500 each will be awarded to students who demonstrate dedication and promise of excellence in veterinary public practice to offset travel expenses to the annual joint USAHA/AAVLD Meeting on October 24-30, 2019 in Providence, RI. The USAHA/AAVLD has agreed to waive registration fees for veterinary students attending the meeting. **Attendance for the entirety of the conference is not mandatory.**

**Dr. Hohenhaus** led by example to confront and solve public health and animal health problems with wit and incomparable determination. This scholarship fund is intended, as we believe Guy would have wanted, to promote and educate veterinary students who want to know more about regulatory medicine, veterinary public practice, or public health. **USAHA** works with state and Federal governments, universities, research scientists, veterinarians, and others to protect animal and public health and control livestock diseases in the United States and around the world. **AAVLD**, the American Association of Veterinary Laboratory Diagnosticians, disseminates information regarding animal disease diagnosis and improving or developing new diagnostic techniques, and shares the conference venue with USAHA.

**ELIGIBILITY:** Veterinary students from all U.S. colleges of veterinary medicine.

**TO APPLY, STUDENTS MUST SUBMIT:**

- 1) One page essay explaining why you find public health veterinary or regulatory medicine of interest, and what you hope to gain by attending the USAHA/AAVLD Annual Meeting;
- 2) CV or résumé;
- 3) One page letter of recommendation from a university faculty member or a veterinarian.

**DEADLINE:** **Midnight on September 9, 2019.** Applications received after this time will not be considered. Thank you.

**EMAIL:** Send application materials or direct questions to:  
Heather Hirst, DVM at [heather.hirst@Delaware.gov](mailto:heather.hirst@Delaware.gov) or 302-698-4560

### KEY DEADLINES FOR THE ANNUAL MEETING

**Calendar these dates:**

For detail visit our meeting page [click here](#)

Foundation Auction donations - [Open now](#)

Meeting registration is now open - [July 1, 2019](#)

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Do you have ideas to improve the AAVLD

**Providence, Rhode  
Island  
HERE WE COME !**

annual meeting? Contact David Zeman  
[dzeman@aaavl.org](mailto:dzeman@aaavl.org)

Would you like to sponsor an event? Contact  
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Would you like to donate an item for the  
Foundation Auction? Contact Reda Ozuna  
[rozun@aaavl.org](mailto:rozun@aaavl.org)

**What ever your contribution to the AAVLD  
mission, we need you!**



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The 2019 Annual Meeting App from USAHA and AAVLD is now available for registrants of the meeting. The 2019 version of the App is a great resource for information and is accessible from your smart phone, tablet or desktop. Once registered, you can find schedule information, other attendees, announcements and more through the app!

Meeting registration is required to access the app. Once registered, your access will be tied to your email address. Access may not be immediate – we appreciate your patience, and should be completed within a few days of your registration.

You can download the app using these links:

Apple: <https://apps.apple.com/app/id667157608>

Android: <https://play.google.com/store/apps/details?id=com.bravuratech.AAVLD2013>

Desktop: <http://www.bravuratechnologies.com/BEE-WEB/?event=aaavl>

Or search AAVLD USAHA in your app store.

We look forward to seeing you in Providence! Don't miss out, October 24-31. Register Today! <https://www.usaha.org/2019-annual-meeting>

## Providence, RI Here we Come!



**AAVLD Annual Meeting - Providence Rhode Island, October 24 – 30, 2019**  
**Providence Rhode Island.**



## Great Food

## Attractions



**Need a night out on the town?**



## Worth Quoting

### Science

Science is a way of life. Science is a perspective. Science is the process that takes us from confusion to understanding in a manner that's precise, predictive and reliable - a transformation, for those lucky enough to experience it, that is empowering and emotional. Brian Greene

### Life

Learn to enjoy every minute of your life. Be happy now. Don't wait for something outside of yourself to make you happy in the future. Think how really precious is the time you have to spend, whether it's at work or with your family. Every minute should be enjoyed and savored. Earl Nightingale

Source: BrainyQuote

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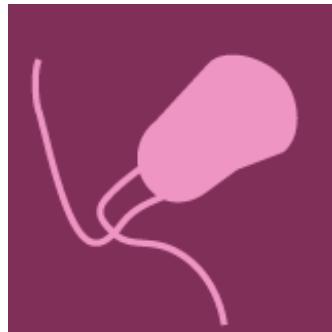
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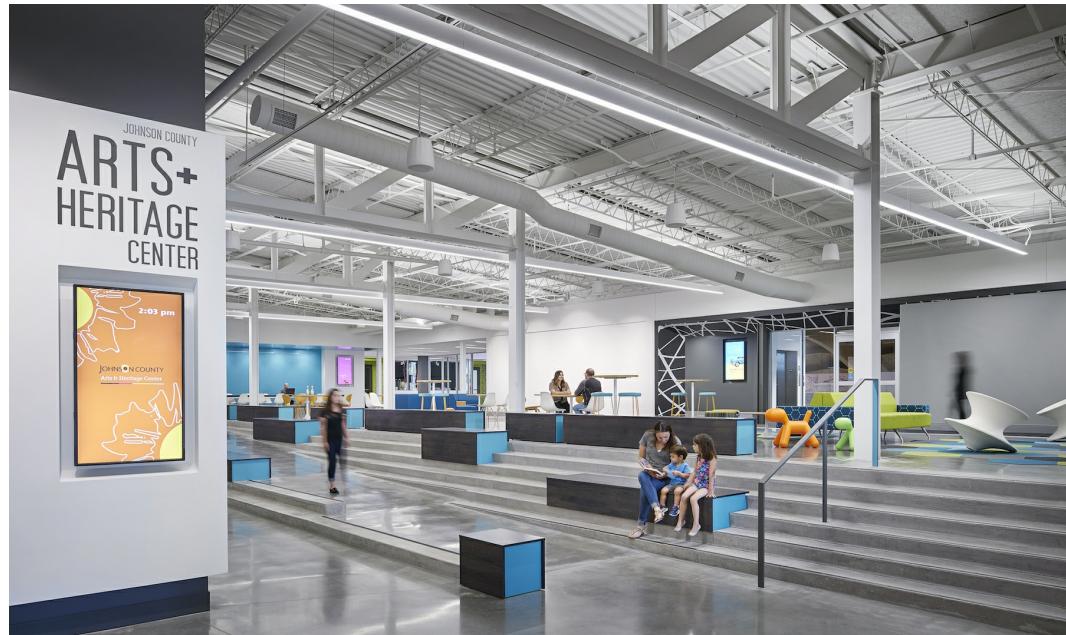


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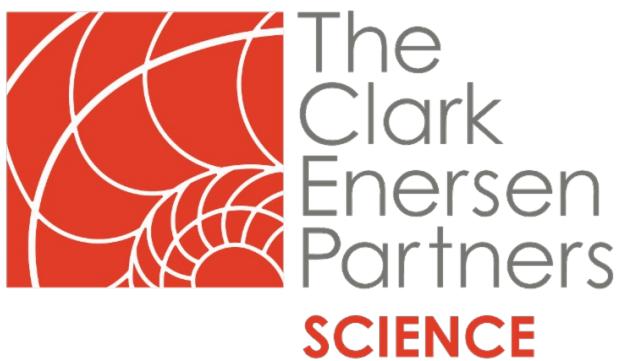


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## AAVLD & News worthy Events

### Upcoming Events

- AAVLD Annual Meeting - Providence Rhode Island, October 24 – 28 2019 Providence Rhode Island.

[AAVLD Events page](#)



*Make a Difference!*  
**DONATE**

## AAVLD Foundation Committee

### Foundation Donation

The AAVLD Foundation is a non-profit foundation that raises funds for the advancement of veterinary diagnostic laboratory disciplines through scholarship programs, student travel support to our scientific meeting, guest lectures,

John Adaska - Chair  
Donal O'Toole  
Tim Baszler  
David Zeman  
Christie Mayo  
Kristy Pabilonia  
Beate Crossley  
François Elvinger  
Pat Halbur  
Brett Webb  
Jamie Henningson  
Kerry Sondgeroth

seminars, professional awards and research programs. Contributions to the Foundation are tax-deductible 501(c)(3), and can be paid when you renew your AAVLD membership. Thank you for remembering your AAVLD Foundation!

## **AAVLD Foundation Auction is October 25th!!**

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