



<https://cn-bio.com/>

Report generated on Mar 13, 2024



7 Failed



3 Warnings



63 Passed



Common SEO issues

3 Failed

2 Warnings

20 Passed

✔ Meta Title Test

This webpage is using a title tag.

Text: CN Bio | Organ-on-a-chip company | Human Drug Discovery

Length: 55 characters

⚠ Meta Description Test

This webpage is using a meta description tag with a length of 133 characters. We recommend using well-written and inviting meta descriptions with a length between 150 and 220 characters (spaces included).

Text: CN Bio is a world leading organ-on-a-chip company. We empower you to transform drug discovery with our predictive human organ models.

Length: 133 characters



Google Search Results Preview Test

Desktop version

<https://cn-bio.com/>

CN Bio | Organ-on-a-chip company | Human Drug Discovery

CN Bio is a world leading organ-on-a-chip company. We empower you to transform drug discovery with our predictive human organ models.

Mobile version

<https://cn-bio.com/>

**CN Bio | Organ-on-a-chip
company | Human Drug...**

CN Bio is a world leading organ-on-a-chip company. We empower you to transform drug discovery with our predictive human organ...



✔ Social Media Meta Tags Test

This webpage is using social media meta tags.

Open Graph Meta Tags

og:locale	en_US
og:type	website
og:title	CN Bio Organ-on-a-chip company Human Drug Discovery
og:description	CN Bio is a world leading organ-on-a-chip company. We empower you to transform drug discovery with our predictive human organ models.
og:url	https://cn-bio.com/
og:site_name	CN Bio
og:updated_time	2024-02-13T12:03:21+00:00
og:image	https://cn-bio.com/wp-content/uploads/2022/08/cn-bio_social.jpg
og:image:secure_url	https://cn-bio.com/wp-content/uploads/2022/08/cn-bio_social.jpg
og:image:width	1200
og:image:height	630
og:image:alt	organ-on-a-chip company
og:image:type	image/jpeg
og:video	https://cn-bio.com/wp-content/uploads/2020/04/cnbio-demo-sml2.mp4

Twitter Card Meta Tags

twitter:card	summary_large_image
twitter:title	CN Bio Organ-on-a-chip company Human Drug Discovery
twitter:description	CN Bio is a world leading organ-on-a-chip company. We empower you to transform drug discovery with our predictive human organ models.
twitter:site	@CN_Bio
twitter:creator	@CN_Bio
twitter:image	https://cn-bio.com/wp-content/uploads/2022/08/cn-bio_social.jpg
twitter:label1	Written by



twitter:data1 CN Bio

twitter:label2 Time to read

twitter:data2 1 minute

Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

20 physiomimix 12 learn 10 chip 10 organ 10 drug

Keywords Usage Test

The most common keywords of this webpage are distributed well across the important HTML tags. This helps search engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
physiomimix	✗	✗	✓
learn	✗	✗	✗
chip	✓	✓	✓
organ	✓	✓	✓
drug	✓	✓	✓



Keywords Cloud Test



Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- [cn bio](#)
- [cn bio innovations](#)
- [cnbio](#)
- [cn-bio](#)
- [liver plate](#)
- [world mps](#)
- [bio chip company](#)
- [mps world summit](#)
- [liver on a chip](#)
- [word+](#)



⦿ Competitor Domains Test

This domain has an Authority Score of 27/100 while the Average Authority Score of top 100 sites is 89.5. Some of the most relevant competitors for this domain are listed below:

✔ Heading Tags Test

This webpage contains headings tags.

H1 tags

Transform drug discovery with predictive human organ models

H2 tags

Explore our solutions

Discover the applications

Studies as a service

Corporate Video

Areas to explore

PhysioMimix® Organ-on-a-chip

What's new?

Speak to our experts

Footer

✔ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

<https://cn-bio.com/robots.txt>

✔ Sitemap Test

This website has a sitemap file.

https://cn-bio.com/sitemap_index.xml



✓ SEO Friendly URL Test

All links from this webpage are SEO friendly.

✓ Image Alt Test

All "img" tags from this webpage have the required "alt" attribute.

✗ Responsive Image Test

Not all images in this webpage are properly sized! This webpage is serving images that are larger than needed for the size of the user's viewport.

How to pass this test?

This issue can be fixed by using responsive images, which relies on creating multiple versions of each image, that are served via CSS media queries depending on the user's viewport dimensions.

Another solution can be to use vector-based image formats like SVG. SVG images scale appropriately to any size, without wasting unnecessary bandwidth. Also consider image CDNs that can help serve responsive images.

✓ Image Aspect Ratio Test

All image display dimensions match the natural aspect ratio.

✗ Inline CSS Test

This webpage is using inline CSS styles!

How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes
- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

For example:

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```



✓ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.

✓ Google Analytics Test

This webpage is using Google Analytics.

✓ Favicon Test

 This website appears to have a favicon.

⊙ Backlinks Test

This domain has an Authority Score of 27/100 while the Average Authority Score of top 100 sites is 89.5. Also, this domain has 39,220 backlinks from 608 referring domains and some recently found backlinks are listed below:

MAR 13, 2024 <https://lifeboat.com/blog/page/4600?background=white%5C%27%5C%27>

MAR 13, 2024 <https://nat-datenbank.de/?amp%3Bid=1912&search=1>

MAR 13, 2024 <https://nat-datenbank.de/?amp%3Bid=1912&search=1>

MAR 13, 2024 <https://nat-datenbank.de/?amp%3Bid=1914&search=1>

MAR 13, 2024 <https://nat-datenbank.de/?amp%3Bid=1914&search=1>

MAR 13, 2024 <https://vcdispalyed.blogspot.com/bp/verify?FORM=000061>

MAR 12, 2024 <https://nat-database.org/?amp%3Bid=1970&search=1>

MAR 12, 2024 <https://nat-database.org/?amp%3Bid=1970&search=1>

MAR 12, 2024 <https://nat-database.org/?amp%3Bid=1941&search=1>

MAR 12, 2024 <https://nat-database.org/?amp%3Bid=1941&search=1>

✓ JS Error Test

There are no severe JavaScript errors on this webpage.

✗ Console Errors Test

This webpage has some errors caught by the Chrome DevTools Console!

How to pass this test?

In order to pass this test, you have to fix all the warnings and errors reported in Chrome DevTools console. You can also visit Google's documentation for further troubleshooting support:

<https://developer.chrome.com/docs/devtools/issues/>



✔ Charset Declaration Test

This webpage has a character encoding declaration.

```
Content-Type: text/html; charset=UTF-8
```

✔ Social Media Test

This webpage is connected successfully with social media using:

[Twitter](#)

Speed optimizations

4 Failed

0 Warnings

21 Passed

✔ HTML Page Size Test

The size of this webpage's HTML is **28.34 Kb** and is under the average webpage's HTML size of **33 Kb**. Faster loading websites result in a better user experience, higher conversion rates, and generally better search engine rankings.

✔ DOM Size Test

The Document Object Model (DOM) of this webpage has **587 nodes** which is less than the recommended value of 1,500 nodes.

✔ HTML Compression/GZIP Test

This webpage is successfully compressed using **br compression** on your code. The HTML code is compressed from **156.33 Kb** to **28.34 Kb** (**82% size savings**). This helps ensure a faster loading webpage and improved user experience.

✔ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **3.15 seconds** and this is under the average loading speed which is **5 seconds**.

✔ JS Execution Time Test

The JavaScript code used by this webpage is executed in less than **2 seconds**.



✖ Page Objects Test

This webpage is using more than 20 http requests, which can slow down page loading and negatively impact user experience!

Content size by content type

Content type	Percent	Size
Javascript	61.4 %	1.28 Mb
Other	12.8 %	275.27 Kb
Image	12.3 %	262.56 Kb
Css	8.2 %	176.10 Kb
Font	3.1 %	66.47 Kb
Html	2.2 %	47.53 Kb
TOTAL	100%	2.09 Mb

Requests by content type

Content type	Percent	Requests
Javascript	32.1 %	35
Css	24.8 %	27
Image	22.9 %	25
Other	14.7 %	16
Html	3.7 %	4
Font	1.8 %	2
TOTAL	100%	109

Content size by domain

Domain	Percent	Size
cn-bio.com	21.6 %	462.11 Kb
static.hsappstatic.net	15.2 %	325.56 Kb
cdnjs.cloudflare.com	15.2 %	324.85 Kb



googletagmanager.com	12.1 %	259.62 Kb
static.vidello.com	7.0 %	150.18 Kb
stckjs.stackify.com	6.0 %	127.95 Kb
js.hsleadflows.net	4.1 %	87.81 Kb
consent.cookiefirst.com	3.4 %	73.09 Kb
fonts.gstatic.com	3.1 %	66.47 Kb
script.hotjar.com	2.6 %	55.04 Kb
Other	9.8 %	210.42 Kb
TOTAL	100%	2.09 Mb

Requests by domain

Domain	Percent	Requests
cn-bio.com	34.9 %	38
consent.cookiefirst.com	11.0 %	12
cdnjs.cloudflare.com	6.4 %	7
static.hsappstatic.net	4.6 %	5
selectscience.net	3.7 %	4
app.hubspot.com	3.7 %	4
googletagmanager.com	2.8 %	3
google-analytics.com	2.8 %	3
fonts.gstatic.com	1.8 %	2
static.vidello.com	1.8 %	2
Other	26.6 %	29
TOTAL	100%	109

✓ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. [Caching](#) helps speed page loading times as well as reduces server load.



✓ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.

✓ CDN Usage Test

This webpage is serving all images, javascript and css resources from CDNs.

✗ Modern Image Format Test

This webpage is not serving images in a modern format! Image formats like [JPEG 2000](#), [JPEG XR](#), and [WebP](#) often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

How to pass this test?

In order to pass this test, convert all the images listed in this report into a modern image format such as [JPEG 2000](#), [JPEG XR](#) or [WebP](#).

It's important to understand that the modern image formats, like WebP, are not yet widely supported across all devices and browsers. You can find [here](#) a full list of supported browsers and devices for the WebP format.

If your target audience falls within one of the unsupported browser/device categories, you should serve optimized fall-back images in the original JPEG/PNG format so that your users don't see a broken or badly designed page:

```
<!--Before:-->


<!--After:-->
<picture>
  <source type="image/webp" srcset="image.webp">
  
</picture>
```

The browser uses the first listed source that's in a format it supports. If the browser does not support any of the formats listed in the "source" tags, it falls back to loading the image specified by the "img" tag.



Image Metadata Test

This webpage is using images with large metadata (**more than 16% of the image size**)! Stripping out unnecessary metadata tags can improve not only the loading time but also the security and privacy of a webpage.

How to pass this test?

In order to pass this test, you have to remove the unnecessary image metadata (additional information which is stored along with the image). There are literally hundreds of metadata tags, but most of them (like camera model and settings, exposure, creation date, etc) are useless to site visitors and isn't required by browsers to render images. However, a few metadata tags can still be useful and may help Search Engine bots to better understand your images:

- **GPS tags** - These define where the image was taken providing location information that might help with local SEO. If you have a location-based business, tag your image with the GPS coordinates of your premises.
- **Author/Owner Name** - Add your brand name (or your own name) here because it may influence the image being shown when someone searches your brand in Google Images.
- **Image Description** - Just like an ALT description, the image description metadata tag can provide information pertaining to what the content of the image is about.

Image Caching Test

This website is using cache headers for images and the browsers will display these images from the cache.

JavaScript Caching Test

This webpage is using cache headers for all JavaScript resources.

CSS Caching Test

This webpage is using cache headers for all CSS resources.

JavaScript Minification Test

All JavaScript files used by this webpage are minified.

CSS Minification Test

All CSS resources used by this webpage are minified.



✘ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the [Chrome DevTools \(Coverage tab\)](#) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document
- inline critical CSS required for the first paint inside a style block in the head of the HTML document
- move the script and link tags at the end of the HTML document
- add async or defer attributes to non-critical script or link tags
- split CSS styles into different files, organized by media query
- compress and minify your text-based resources

✔ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

✔ Frameset Test

This webpage does not use frames.

✔ Doctype Test

This webpage has a doctype declaration.

```
<!DOCTYPE html>
```

✔ URL Redirects Test

This URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).



✓ Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is 1.58 seconds. To provide a good user experience, [Google recommends](#) that sites should strive to have Largest Contentful Paint of 2.5 seconds or less.

Largest Contentful Paint element within the viewport:

Text: *Transform drug discovery with predictive human organ models We are an organ-on-...*

Html: `<div class="wp-block-group alignfull home-hero" data-rocket-lazy-bg-b2e7259e-f5ba-4fd0-9a82-28d99ad9822e="loaded">`

✓ Cumulative Layout Shift Test

The CLS score of this webpage is 0.0079. To provide a good user experience, [Google recommends](#) that sites should strive to have a CLS score of 0.1 or less.

DOM element which contributes the most to CLS score:

Html:

Score: 0.0049

Server and security

0 Failed

0 Warnings

10 Passed

✓ URL Canonicalization Test

<https://cn-bio.com/> and <https://www.cn-bio.com/> resolve to the same URL.



✔ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✔ The certificate is not used before the activation date.
- ✔ The certificate has not expired.
- ✔ The hostname "cn-bio.com" is correctly listed in the certificate.
- ✔ The certificate should be trusted by all major web browsers.
- ✔ The certificate was not revoked.
- ✔ The certificate was signed with a secure hash.

Certificate Chain:

Server certificate	
Common Name	cn-bio.com
Organization	Cloudflare, Inc.
Location	San Francisco, California, US
Subject Alternative Names (SANs)	cn-bio.com
Not Valid Before	Fri, June 16th 2023, 12:00:00 am (UTC)
Not Valid After	Fri, June 14th 2024, 11:59:59 pm (UTC)
Signature Algorithm	ecdsaWithSha256
Issuer	Cloudflare Inc ECC CA-3
Intermediate certificate	
Common Name	Cloudflare Inc ECC CA-3
Organization	Cloudflare, Inc.
Location	US
Not Valid Before	Mon, January 27th 2020, 12:48:08 pm (UTC)
Not Valid After	Tue, December 31st 2024, 11:59:59 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Baltimore CyberTrust Root
Root certificate	



Common Name	Baltimore CyberTrust Root
Organization	Baltimore
Location	IE
Not Valid Before	Fri, May 12th 2000, 6:46:00 pm (UTC)
Not Valid After	Mon, May 12th 2025, 11:59:00 pm (UTC)
Signature Algorithm	sha1WithRsaEncryption
Issuer	Baltimore CyberTrust Root

✓ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

✓ HTTP2 Test

This webpage is using the HTTP/2 protocol.

✓ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

✓ Server Signature Test

The server signature is off for this webpage.

✓ Directory Browsing Test

Directory browsing is disabled for this website.

✓ Plaintext Emails Test

This webpage does not include email addresses in plaintext.

✓ Unsafe Cross-Origin Links Test

This webpage is not using `target="_blank"` links without `rel="noopener"` or `rel="noreferrer"` attribute.



Mobile usability

0 Failed

0 Warnings

3 Passed

✔ Meta Viewport Test

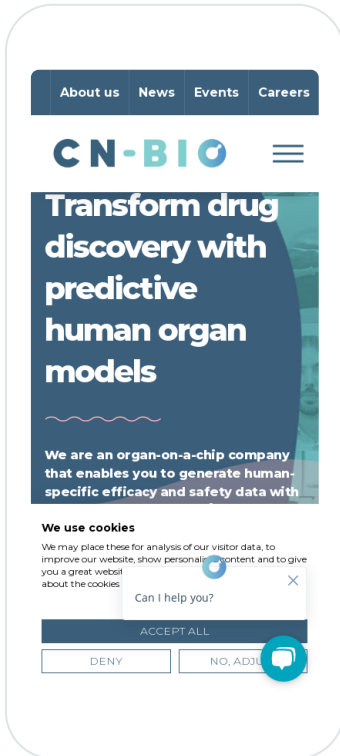
This webpage is using a viewport meta tag.

```
<meta name="viewport" content="width=device-width, initial-scale=1" />
```

✔ Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.

⊙ Mobile Snapshot Test



Advanced SEO

0 Failed

1 Warnings

9 Passed

✔ Structured Data Test

This webpage is using structured data.



✔ Custom 404 Error Page Test

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially [track the source of broken links](#).

✔ Noindex Tag Test

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.

✔ Canonical Tag Test

This webpage is using the canonical link tag. This tag specifies that the URL: <https://cn-bio.com/> is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

```
<link href="https://cn-bio.com/" rel="canonical"/>
```

⊙ Nofollow Tag Test

This webpage does not use the nofollow meta tag. This means that search engines will crawl all links from this webpage.

⊙ Disallow Directive Test

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

✔ Meta Refresh Test

This webpage is not using a meta refresh tag.

✔ SPF Records Test

This DNS server is using an SPF record.

```
v=spf1 include:spf.protection.outlook.com include:spf.exclaimer.net include:6974507.spf08.hubspotemail.net -all
```



Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.