



## Performance Report for: <https://www.biosceptre.com/>

Report generated: Wed, Mar 13, 2024 3:21 AM -0700  
 Test Server Location: London, UK  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	65%	90%	3.3s	63ms	0

### Top Issues

Med	Avoid chaining critical requests <small>FCP LCP</small>	67 chains found
Med	Use a Content Delivery Network (CDN)	76 resources found
Med-Low	Avoid document.write()	1 instance found
Low	Serve static assets with an efficient cache policy	Potential savings of 69.4KB
Low	Avoid long main-thread tasks <small>TBT</small>	2 long tasks found

### Page Details



Total Page Size - 841KB



Total Page Requests - 83



Legend: HTML JS CSS IMG Video Font Other

### How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix

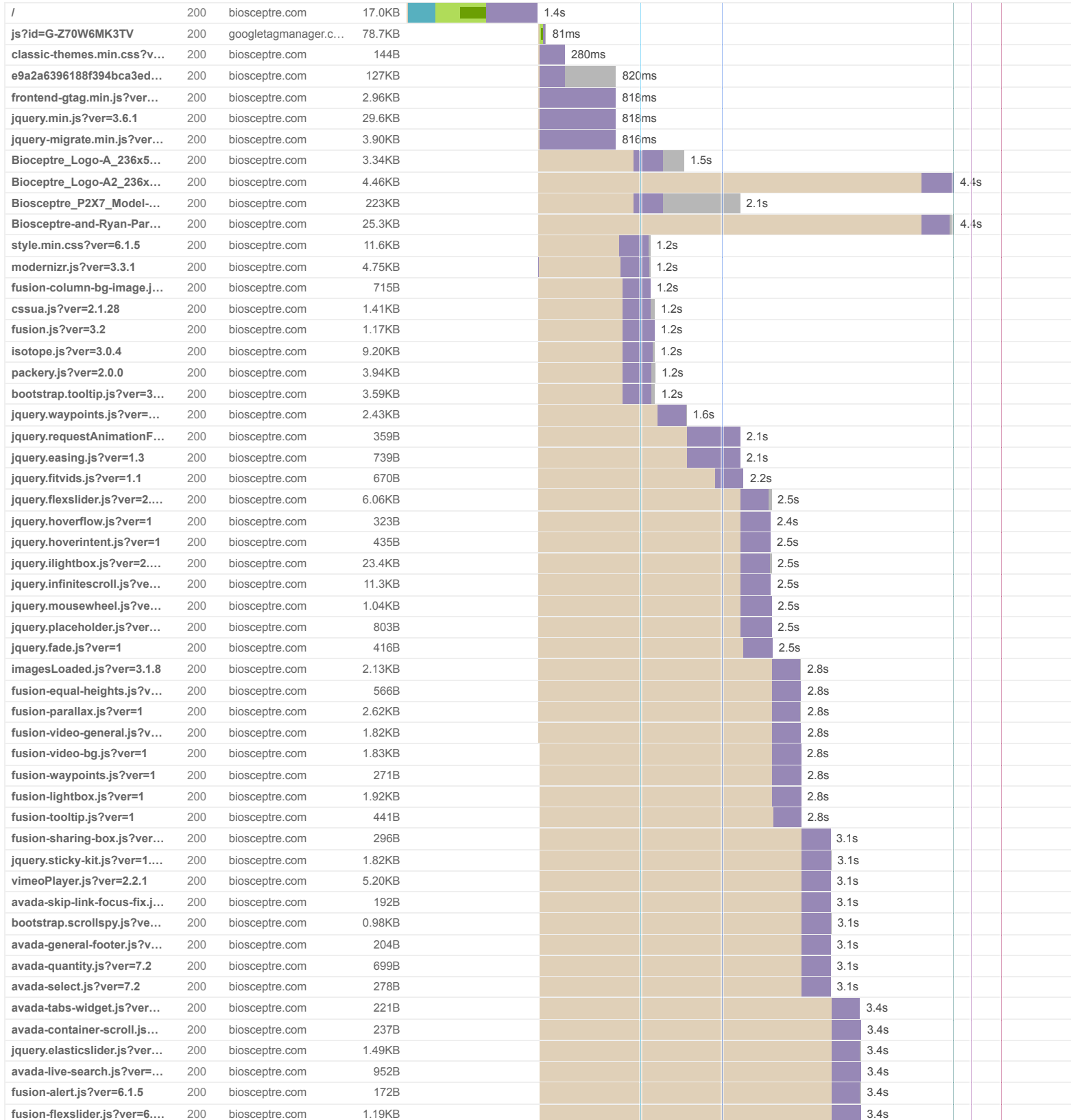
GTmetrix is developed by the good folks at **CARBON60**, a Canadian hosting company with over 28 years experience in web technology.



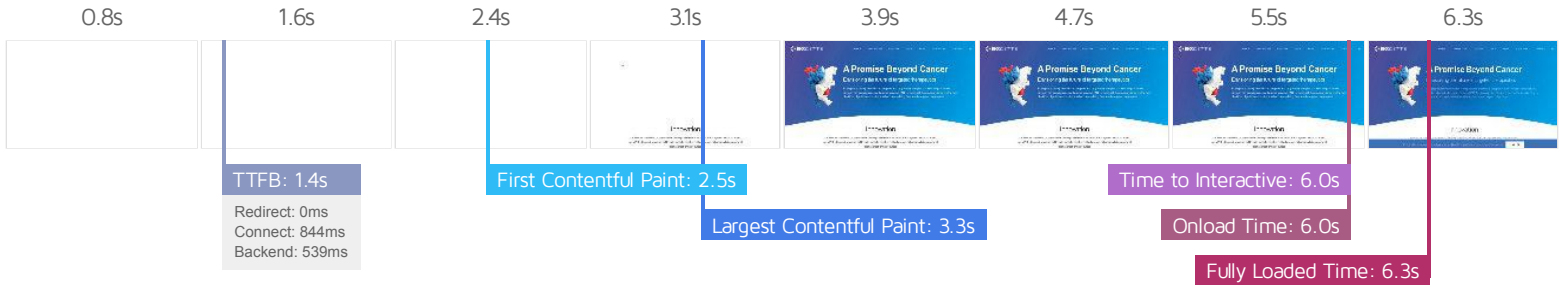
<https://carbon60.com/>

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Biosceptre – Promise beyond cancer



fusion-animations.js?ver...	200	biosceptre.com	591B					3.4s			
jquery.textillate.js?ver=2.0	200	biosceptre.com	1.98KB					3.4s			
fusion-title.js?ver=6.1.5	200	biosceptre.com	1.51KB					3.7s			
fusion-button.js?ver=6.1.5	200	biosceptre.com	157B					3.7s			
fusion-blog.js?ver=6.1.5	200	biosceptre.com	1.92KB					3.7s			
fusion-container.js?ver=1	200	biosceptre.com	2.82KB					3.7s			
avada-privacy.js?ver=7.2	200	biosceptre.com	1.84KB					3.7s			
avada-elastic-slider.js?ve...	200	biosceptre.com	216B					3.7s			
avada-drop-down.js?ver=...	200	biosceptre.com	1.00KB					3.7s			
avada-to-top.js?ver=7.2	200	biosceptre.com	421B					3.7s			
avada-header.js?ver=7.2	200	biosceptre.com	3.91KB					4s			
avada-menu.js?ver=7.2	200	biosceptre.com	6.39KB					4s			
avada-sidebars.js?ver=7.2	200	biosceptre.com	777B					4s			
avada-scrollspy.js?ver=7.2	200	biosceptre.com	293B					4s			
fusion-responsive-typogr...	200	biosceptre.com	989B					4s			
fusion-scroll-to-anchor.js...	200	biosceptre.com	1.58KB					4s			
fusion-general-global.js?...	200	biosceptre.com	205B					4s			
fusion-vertical-menu-wid...	200	biosceptre.com	446B					4s			
fusion-video.js?ver=1	200	biosceptre.com	615B					4.3s			
fusion-column.js?ver=1	200	biosceptre.com	849B					4.3s			
wp-emoji-release.min.js?...	200	biosceptre.com	4.55KB					4.3s			
S6uyw4BMUTPHjx4wWC...	200	fonts.gstatic.com	17.0KB					3.1s			
Biosceptre_Cells_BG-9.jpg	200	biosceptre.com	51.7KB				913ms				
S6u9w4BMUTPHh7USSwi...	200	fonts.gstatic.com	17.1KB					3.4s			
icomoon.woff	200	biosceptre.com	20.5KB				572ms				
S6u9w4BMUTPHh6UVSwi...	200	fonts.gstatic.com	17.2KB					3.4s			
Biosceptre_News_CAR-T...	200	biosceptre.com	22.8KB					3.4s			
UTS_Biosceptre_Partners...	200	biosceptre.com	27.8KB					3.4s			
Bioceptre_Logo-A_472x1...	200	biosceptre.com	7.21KB							302ms	
Biosceptre-fav-32px.png	200	biosceptre.com	1.28KB								301ms
<b>83 Requests</b>		<b>841KB (2.48MB Uncompressed)</b>						<b>6.3s (Onload 6s)</b>			



### Performance Metrics

<p><b>First Contentful Paint</b></p> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>	<p>Much longer than recommended</p> <p><b>2.5s</b></p>	<p><b>Time to Interactive</b></p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Much longer than recommended</p> <p><b>6.0s</b></p>
<p><b>Speed Index</b></p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Much longer than recommended</p> <p><b>3.6s</b></p>	<p><b>Total Blocking Time</b></p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Good - Nothing to do here</p> <p><b>63ms</b></p>
<p><b>Largest Contentful Paint</b></p> <p>How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.</p>	<p>Much longer than recommended</p> <p><b>3.3s</b></p>	<p><b>Cumulative Layout Shift</b></p> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>	<p>Good - Nothing to do here</p> <p><b>0</b></p>

### Browser Timings

Redirect	0ms	Connect	844ms	Backend	539ms
TTFB	1.4s	First Paint	2.5s	DOM Int.	5.8s
DOM Loaded	5.8s	Onload	6.0s	Fully Loaded	6.3s

IMPACT AUDIT

Low

**Eliminate render-blocking resources** FCP LCP

Potential savings of 32ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
<a href="https://www.biosceptre.com/wp-content/uploads/fusion-styles/e9a2a6396188f394bca3ed527ea9897c.min.css?ver=3.2">https://www.biosceptre.com/wp-content/uploads/fusion-styles/e9a2a6396188f394bca3ed527ea9897c.min.css?ver=3.2</a>	127KB	750ms
<a href="https://www.biosceptre.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.1">https://www.biosceptre.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.1</a>	29.7KB	150ms

Low

**Avoid an excessive DOM size** TBT

483 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

STATISTIC	ELEMENT	VALUE
Total DOM Elements		483
Maximum DOM Depth	Biosceptre meet with NSW Health Minister, Ryan Park <a class="fusion-rollover-link" href="https://www.biosceptre.com/biosceptre-meet-with-nsw-health-minister-ryan-p...">	23
Maximum Child Elements	We use cookies to enhance user experience on our site. Please let us know if yo... <div class="avada-footer-scripts">	88

Low

**Avoid enormous network payloads** LCP

Total size was 843KB

Large network payloads cost users real money and are highly correlated with long load times.

URL	TRANSFER SIZE
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_P2X7_Model-home_530x650px-400x491.png">https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_P2X7_Model-home_530x650px-400x491.png</a>	224KB
<a href="https://www.biosceptre.com/wp-content/uploads/fusion-styles/e9a2a6396188f394bca3ed527ea9897c.min.css?ver=3.2">https://www.biosceptre.com/wp-content/uploads/fusion-styles/e9a2a6396188f394bca3ed527ea9897c.min.css?ver=3.2</a>	127KB
<a href="https://www.googletagmanager.com/gtag/js?id=G-Z70W6MK3TV">https://www.googletagmanager.com/gtag/js?id=G-Z70W6MK3TV</a>	79.0KB
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_Cells_BG-9.jpg">https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_Cells_BG-9.jpg</a>	51.8KB
<a href="https://www.biosceptre.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.1">https://www.biosceptre.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.1</a>	29.7KB
<a href="https://www.biosceptre.com/wp-content/uploads/2020/12/UTS_Biosceptre_Partnership-400x225.jpg">https://www.biosceptre.com/wp-content/uploads/2020/12/UTS_Biosceptre_Partnership-400x225.jpg</a>	27.8KB
<a href="https://www.biosceptre.com/wp-content/uploads/2023/12/Biosceptre-and-Ryan-Park_1200x675-400x225.jpg">https://www.biosceptre.com/wp-content/uploads/2023/12/Biosceptre-and-Ryan-Park_1200x675-400x225.jpg</a>	25.3KB
<a href="https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/jquery.lightbox.js?ver=2.2.3">https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/jquery.lightbox.js?ver=2.2.3</a>	23.4KB
<a href="https://www.biosceptre.com/wp-content/uploads/2021/03/Biosceptre_News_CAR-T_Funding_1600x900-400x225.png">https://www.biosceptre.com/wp-content/uploads/2021/03/Biosceptre_News_CAR-T_Funding_1600x900-400x225.png</a>	22.8KB
<a href="https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/fonts/icomoon/icomoon.woff">https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/fonts/icomoon/icomoon.woff</a>	20.5KB

Low

**Properly size images**

Potential savings of 128KB

Serve images that are appropriately-sized to save cellular data and improve load time.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_P2X7_Model-home_530x650px-400x491.png">https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_P2X7_Model-home_530x650px-400x491.png</a>	223KB	128KB

**Low** **Efficiently encode images** Potential savings of 9.9KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_Cells_BG-9.jpg">https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_Cells_BG-9.jpg</a>	51.7KB	9.9KB

**Low** **Ensure text remains visible during webfont load** FCP LCP 3 fonts found

Leverage the `font-display` CSS feature to ensure text is user-visible while webfonts are loading.

URL	POTENTIAL SAVINGS
<a href="https://fonts.gstatic.com/s/lato/v23/S6uyw4BMUTPHjx4wWCWtFCc.woff">https://fonts.gstatic.com/s/lato/v23/S6uyw4BMUTPHjx4wWCWtFCc.woff</a>	31ms
<a href="https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh7USSwiPHw3q5d0.woff">https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh7USSwiPHw3q5d0.woff</a>	17ms
<a href="https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh6UVSwiPHw3q5d0.woff">https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh6UVSwiPHw3q5d0.woff</a>	15ms

**Low** **Reduce JavaScript execution time** TBT 203ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
<a href="https://www.biosceptre.com/">https://www.biosceptre.com/</a>	317ms	47ms	8ms
<a href="https://www.biosceptre.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.1">https://www.biosceptre.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.1</a>	225ms	132ms	1ms
Unattributable	195ms	12ms	0ms

**Low** **Reduce unused CSS** FCP LCP Potential savings of 130KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://www.biosceptre.com/wp-content/uploads/fusion-styles/e9a2a6396188f394bca3ed527ea9897c.min.css?ver=3.2">https://www.biosceptre.com/wp-content/uploads/fusion-styles/e9a2a6396188f394bca3ed527ea9897c.min.css?ver=3.2</a>	127KB	119KB
<a href="https://www.biosceptre.com/wp-includes/css/dist/block-library/style.min.css?ver=6.1.5">https://www.biosceptre.com/wp-includes/css/dist/block-library/style.min.css?ver=6.1.5</a>	11.6KB	11.6KB

**Low** **Serve images in next-gen formats** Potential savings of 265KB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_P2X7_Model-home_530x650px-400x491.png">https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_P2X7_Model-home_530x650px-400x491.png</a>	223KB	197KB
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_Cells_BG-9.jpg">https://www.biosceptre.com/wp-content/uploads/2019/12/Biosceptre_Cells_BG-9.jpg</a>	51.7KB	34.2KB
<a href="https://www.biosceptre.com/wp-content/uploads/2021/03/Biosceptre_News_CAR-T_Funding_1600x900-400x225.png">https://www.biosceptre.com/wp-content/uploads/2021/03/Biosceptre_News_CAR-T_Funding_1600x900-400x225.png</a>	22.7KB	15.0KB
<a href="https://www.biosceptre.com/wp-content/uploads/2020/12/UTS_Biosceptre_Partnership-400x225.jpg">https://www.biosceptre.com/wp-content/uploads/2020/12/UTS_Biosceptre_Partnership-400x225.jpg</a>	27.8KB	9.76KB
<a href="https://www.biosceptre.com/wp-content/uploads/2023/12/Biosceptre-and-Ryan-Park_1200x675-400x225.jpg">https://www.biosceptre.com/wp-content/uploads/2023/12/Biosceptre-and-Ryan-Park_1200x675-400x225.jpg</a>	25.2KB	8.91KB

Low

**Reduce initial server response time** FCP LCP

Root document took 538ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
<ul style="list-style-type: none"> <li><a href="https://www.biosceptre.com/">https://www.biosceptre.com/</a></li> </ul>	538ms

Low

**Defer offscreen images**

Potential savings of 4.42KB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.biosceptre.com/wp-content/uploads/2019/12/Bioceptre_Logo-A2_236x50px.png">https://www.biosceptre.com/wp-content/uploads/2019/12/Bioceptre_Logo-A2_236x50px.png</a>	4.42KB	4.42KB

Low

**Reduce unused JavaScript** LCP

Potential savings of 59.8KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://www.googletagmanager.com/gtag/js?id=G-Z70W6MK3TV">https://www.googletagmanager.com/gtag/js?id=G-Z70W6MK3TV</a>	79.0KB	39.7KB
<a href="https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/jquery.lightbox.js?ver=2.2.3">https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/jquery.lightbox.js?ver=2.2.3</a>	23.4KB	20.1KB

N/A

**Largest Contentful Paint element** LCP

3,320 ms

This is the largest contentful element painted within the viewport.

ELEMENT

A Promise Beyond Cancer Envisioning the future of targeted therapeutics Bioscep...

```
<div class="fusion-fullwidth fullwidth-box fusion-builder-row-1 fusion-flex-container ..." style="background-color: rgba(255, 255, 255, 0); background-image: url(&quot;https://www.b...&quot;);">
```

PHASE	% OF LCP	TIMING
TTFB	42%	1.4s
Load Delay	31%	1.0s
Load Time	26%	864ms
Render Delay	2%	58ms

N/A

**Avoid serving legacy JavaScript to modern browsers** TBT

Potential savings of 8.92KB

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers.

URL	POTENTIAL SAVINGS
<a href="https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/jquery.iiightbox.js?ver=2.2.3">https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/jquery.iiightbox.js?ver=2.2.3</a>	8.87KB
Line:0 Column:81298	<code>Array.prototype.filter</code>
<a href="https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/vimeoPlayer.js?ver=2.2.1">https://www.biosceptre.com/wp-content/themes/Avada/includes/lib/assets/min/js/library/vimeoPlayer.js?ver=2.2.1</a>	54B
Line:2 Column:9272	<code>@babel/plugin-transform-classes</code>

N/A **Avoid large layout shifts** CLS 1 element found

These DOM elements contribute most to the CLS of the page.

ELEMENT	CLS CONTRIBUTION
ABOUT INNOVATION PIPELINE TEAM NEWS INVESTORS CONTACT <code>&lt;nav class="fusion-main-menu" aria-label="Main Menu"&gt;</code>	0.00

N/A **Minimize main-thread work** TBT Main-thread busy for 951ms

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Script Evaluation	301ms
Other	294ms
Style & Layout	230ms
Parse HTML & CSS	74ms
Script Parsing & Compilation	27ms
Rendering	20ms
Garbage Collection	2ms

N/A **Reduce the impact of third-party code** TBT Total size was 131KB

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
<b>GOOGLE TAG MANAGER</b>	79.0KB	0ms
• <a href="https://www.googletagmanager.com/gtag/js?id=G-Z70W6MK3TV">https://www.googletagmanager.com/gtag/js?id=G-Z70W6MK3TV</a>	79.0KB	0ms
<b>GOOGLE FONTS</b>	52.1KB	0ms
• <a href="https://fonts.gstatic.com/s/lato/v23/S6uyw4BMUTPHjx4wWCWtFCc.woff">https://fonts.gstatic.com/s/lato/v23/S6uyw4BMUTPHjx4wWCWtFCc.woff</a>	17.6KB	0ms
• <a href="https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh6UVSwiPHw3q5d0.woff">https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh6UVSwiPHw3q5d0.woff</a>	17.3KB	0ms
• <a href="https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh7USSwiPHw3q5d0.woff">https://fonts.gstatic.com/s/lato/v23/S6u9w4BMUTPHh7USSwiPHw3q5d0.woff</a>	17.2KB	0ms



No user timings and/or marks found.

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