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| papier_umed_szare50-367 Wrocław, ul. Pasteura 1**Dział Zamówień Publicznych UMW**ul. Marcinkowskiego 2-6, 50-368 Wrocławfaks 71 / 784-00-45e-mail: monika.komorowska@umed.wroc.pl |
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Wroclaw, May 4th 2020

**Request for Proposal**

1. Wroclaw Medical University issues an invitation to place bids in the public tender. **The subject matter of the tender is „Services of bisulphite pyrosequencing analyses for the Department of Genetics of Wroclaw Medical University”.**
2. **Description of subject**

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| **1.** | **The subjectmatter** | Subject of service includes:1. Primer use**\*\*** and PCR optimization (Analysis set-up) for

 **2** target sequences.**\*\*\***1. DNA bisulfite modification of **92** samples
2. Pyrosequencing analysis on PCR products
3. Basic data analysis (% of methylation per CpG) and construction of report
 |
|  **2.** | Contract execution date | 60 days upon delivery of samples to the Contractor  |
|  **3.** | **Other terms** | 1. The Contractor must have at least 1 experience in rendering similar services (analysis of methylation by pyrosequening)
2. The subject of the order shall be performed by the Contractor without any subcontractors.
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**\*\*** For compatibility with our previous studies pyrosequencing must be performed using following primers:

**NR3C1**

Sense 5" - GTGTAATTTYGTAGTTTTTTTYGAAGTGATATATT -3"

Anti-sense 5" - AACCACCRAATTTCTCCAATTTCTTTTCT -3"

Sequencing 5" - TTGTTATTYGTAGGGGTATTG - 3"

**FKBP5 first set**

Sense 5" - GGATAATAATTTGGAGTTATAGTGTAGGT - 3"

Anti-sense 5" - CAAAACTTATTCCCTTATTTATTCCTAAAC -3"

Sequencing 5" - ATTTGGAGTTATAGTGTAGGTTT -3"

**FKBP5 second set**

Sense 5" - AAAAGTTGATATATAGGAATAAAATAAGA -3"

Anti-sense 5" - TATTTATTCATTATCAAATTTATCTCTTAC -3"

Sequencing 5" - ATATAGGAATAAAATAAGAAT -3"

**\*\*\*** Target sequences of interest:

**#NR3C1**

>hg38\_dna range=chr5:143404056-143404124 5'pad=0 3'pad=0 strand=- repeatMasking=none

CGGCGCTTGCCGCCAAGGGGCAGAGCGAGCTCCCGAGTGGGTCTGGAGCCGCGGAGCTGGGCGGGGGCG

**#FKBP5**

>hg38\_dna range=chr6:35590736-35590934 5'pad=0 3'pad=0 strand=+ repeatMasking=none

CGTTCAGCTCTGAAAAGCTGCACCCCACTCCCCCAAGGAGCCACTTGGCAGAACGTGAACCTTTCTGTCCTCAACCCAGGAAAAAAAAAGTACAAAAAGAACAAGTCTAGGAACAAATAAGGGAACAAGTCTTGGATTCTACCCAAAAAAGTTAAAAAAAAAAAAAAAAGCTGACACATAGGAACAAAATAAGAACACG

1. Offers shall be submitted until May 11th 2020 in the following forms:
2. By mail addressed to: Dział Zamówień Publicznych UMW, ul. Marcinkowskiego2-6;
50-368 Wrocław, room No. 3A 113.1, or
3. By fax (+48 71 784-00-45), or
4. by e-mail as a PDF at monika.komorowska@umed.wroc.pl
5. Assessment criteria:

The price - 100%

Confirmed by

Acting of Chancellor for Administration
of Wroclaw Medical University

Patryk Hebrowski