**PROJECT INFO SHEET**

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| **PROJECT STAFF INFO** |

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| **Name-Surname/Title** | Serdal Kaya, Assist. Prof. |
| **Department** | Aeronautical Engineering |
| **Role in the Project** | Principal Investigator |

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| **PROJENİN ADI** |

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| **Partners/Participants/**  **Stakeholders** | **Necmettin Erbakan University** |
| **Research Topic** | A National Methods Determination Studies for the Synthesis Procedure of the Hydroxychloroquine (HCQ) Active Drug Molecule Used in the Treatment of SARS-CoV-2 (COVID-19) Pandemic Disease |
| **Impacts of the Projects** | Research Papers, Patent (Potential) |
| **Keywords** | Hydroxychloroquine, Corona Virus, COVID-19, SARS-CoV-2, Pandemic Disease |
| **Start-End Date** | 09.06.2020 – 08.06.2022 |
| **Project Budget** | 300.000 TL |

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| **Summary** |  |
| Within the framework of this study that we plan to realize, studies to determine a synthetic method that can be performed by our own facilities for the synthesis of Hydroxychloroquine molecule will be carried out. Although synthetic methods are known in the literature for the Hydroxychloroquine molecule, it is seen that some countries have problems for import/supply of this drug in pandemic disease case. Hereby, it is vital to know the synthetic procedure for drug active molecule by the national facilities. During this study that we plan to realize, both known methods will be discussed and some disadvantages of these methods will be handled, and a new methods will be searched on the development on the cost-effective synthesis | |
| **Expected and/or Achieved Results** |  |
| The project has been continuing. | |