



## Running Local and International Research Projects

Start / End Dates	Budget	Funding Organization	PI	Project Name	No
2020-2022	1.600.000 LE	Academy of Scientific Research	Prof. Dr. Manal Kamel	Development of MAb labelled nanoparticles-based immunostrip assay for early detection of bladder cancer biomarkers in Egyptian patients	1
2020-2023	12.464.188 LE	STDF Centers of Scientific Excellences Grants (STDF-SCSE)	Prof. Dr. Mona Zohairy	TBRI Biobank for Liver Diseases :Research Translation and Precision Medicine in Hepatology	2
2020-2022	300.000 LE	Academy of Scientific Research	Prof. Dr. Mohamed Shemis	Development and Validation of a National Diagnostic Assay for Rapid Detection of COVID19 Using Reverse Transcription Loop-Mediated Isothermal Amplification (RT-LAMP).	3
2019-2020	200.000 LE	Academy of Scientific Research	Prof. Dr. Mohamed Shemis	Scaling-up, Production & commercialization of Real Time-PCR kit for HBV diagnosis.	4
2018-2020	50.000 Euros	European union	Prof. Dr. Nevin Fam	Joint Program Initiative Antimicrobial Resistance Translocation Transfer (JPIAMR-TT)	5
2018-2021	1.679.490 LE	STDF German-Egyptian Research Fund (GERF) call 4	Prof. Dr. Mohamed Shemis	Assessment of Potential Synergistic or Antagonistic Toxicity Mechanisms during Co-exposition of In vitro Models towards Cerium Nanoparticles and environmental Chemicals/ Pharmaceuticals.	6



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2020-2022	1.798.520 LE	STDF Basic and Applied Research (Call 6)	Prof. Dr. Mona Zohairy	Epigenetic regulation of circulating cancer stem cellin HCV-induced hepatocellular carcinoma. ID: 30073	7
2019-2021	724.400 LE	STDF Development & Innovation Grants (STDF-IG)	Prof. Dr. Eman El- Ahwany	Long Non-Coding RNA: An Innovative Therapeutic Tool for Hepatocellular Carcinoma <i>in vitro</i> and <i>in vivo</i> ID: 27787	8
2019-2021	1.071.100 LE	STDF Basic & Applied Research Grants (STDF-BARG) Call 4	Prof. Dr. Eman El- Ahwany	Polymer Nanoparticle Mediated Delivery of MicroRNA: A Novel Potential Therapeutic Tool for Hepatocellular Carcinoma in an Experimental Model ID: 25901	9
2019-2021	1.000.000 LE	STDF Development & Innovation Grants (STDF-IG)	Prof. Dr. Ibrahim Rabia	A novel nanotechnology -based approach for the rapid diagnosis of infectious diseases using nano-chip. ID: 27779	10
2019-2021	1.200.000 LE	STDF Young Researchers Grants (Call 9)	Assist. Prof. Sami Nasr	Process Development for Industrial Production or Recombinant Human Growth Hormone (rhGH) تطوير طريقة للإنتاج الصناعي لهرمون النمو الأدمى المهندس وراثياً ID: 33430	11
2019-2021	700.000 LE	STDF Young Researchers Grants (Call 9)	Dr. Safia El- Nagar	Isolation and Identification of lytic Bacteriophages against Methicillin -Resistant Staphylococcus aureus ID: 33390	12



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2019-2022	18.900.000 LE	STDF Centers of Scientific Excellences Grants (STDF-SCSE)	Prof. Dr. Ehab El-Dabaa	Center of excellence in bioinformatics guided development and characterization research in recombinant pharmaceutical proteins. ID: 31257	13
2017-2020	84,000 USD (مصر) 100,000 USD (أمريكا)	STDF-U.S. – Egypt S&T Joint Fund Cycle 17	Assist. Prof. Mohamed Habib	A Neurobiological Approach to Vector Control for Intestinal Schistosomiasis.	14
2021- 2023	450.270	STDF	Prof. Dr. Manal Kamel	"A Novel Point of Care Test for Rapid Diagnosis of COVID-19 Using Recombinant Nanobodies against SARS-CoV-2 Spike1 (S1) Protein"	15