Yellow – Morally Produced

AVM Biotech – AVM-0703
Treatment/Preventative
Steroid supercharge patient immune system
Steroid supercharges immune system, targeting T-cells, NK T (Natural Killer T) cells which attack and kill Covid-19 virus. www.avmbiotech.com

Israel – Pluristem
Using placenta donated from newborn babies
https://www.pluristem.com/the-placenta-difference/

BCG Vaccine: No cells involved
https://www.fda.gov/media/78331/download
https://www.fda.gov/media/78331/download
BCG Vaccine: No cells involved
https://www.fda.gov/media/78331/download
https://www.fda.gov/media/78331/download

British American Tobacco (BAT)
Tobacco company in Australia – morally produced using tobacco leaves.
https://www.telegraph.co.uk/business/2020/04/01/cigarette-maker-claims-coronavirus-vaccine-breakthrough/

Novavax – NVX-CoV2373
Uses Insect cells:
https://www.novavax.com/page/8/vaccine-technology
Matrix uses Sapaoin:
https://www.novavax.com/page/10/matrix-m-adjuvant-technology

Athersys – Multistem - Treatment
Uses Bone Marrow Adult Stem Cells

Sorrento Therapeutics
STI-6991 is an I-Cell™ COVID-19 cellular vaccine made of K562 cells expressing membrane-bound S1 protein of the SARS-CoV-2 virus
K562 cells – from 53 year old female cancer patient
And

Red – Uses Aborted Fetal Cells

Moderna And NIAID
Vaccine candidate: mRNA-1273
HEK 293 in Development and Testing;
NIAID using HEK in Spike Protein
And
https://www.nature.com/articles/s41586-020-2622-0
And
And
And
https://science.sciencemag.org/content/367/6483/1260.full

Johnson & Johnson/Janssen Tech.
Ad-Vac – uses aborted fetal PER C6
And
And
Johnson & Johnson/Emgerent Biosolutions

Inovio Pharmaceuticals
Vaccine candidate: INO-4800
Uses HEK-293 cells in MERS-HCoV Platform
Patent no. 10,548,971 Feb 4, 2020
http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Ftemphtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=10,548,971.PN.&OS=PN/10,548971&RS=PN/10,548,971
Sanofi Pasteur Sars-CoV – insect cells
And

Sanofi Partners with GSK
Insect cells and AS03 adjuvant
https://www.wsj.com/articles/glaxosmithkline-sanofis-team-up-for-coronavirus-vaccine-11586875480?mod=lead_feature_below_a_pos1

Codagenix and Serum Institute
CDX-CoV – Uses Vero Cells

Symvivo
Uses e-Coli and Bifidobacterium

Codagenix and Serum Institute
CDX-CoV – Uses Vero Cells
https://www.wsj.com/articles/glaxosmithkline-sanofis-team-up-for-coronavirus-vaccine-11586875480?mod=lead_feature_below_a_pos1

JPII Medical Research Inst. And CET
(Cellular Engineering Technology)
Uses stem cell from postnatal placental tissue
https://www.jp2mri.org/

Sinovac Biotech
PiCoVacc – Uses Vero Cells

Regeneron – Sanofi
Treatment for Covid-19
Kevzara – Uses Blood donor and Chinese Hamster Ovary (CHO cells)
Package insert:
http://products.sanofi.us/Kevzara/Kevzara.pdf
And Patent:

The University of Oxford
Vaccine candidate: ChAdOx1 and AZD1222
Uses HEK-293 cells.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5516308/
And
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3396660/
And partnership with Merck Germany:
And partnership with AstraZeneca AZD1222
And vaccine name change:
https://www.precisionvaccinations.com/vaccines/azd1222-sars-cov-2-vaccine

CanSino Biologics
Vaccine candidate: Ad5-nCoV
Using HEK 293 cells (See page 25)

University of Pittsburgh
Using HEK-293
Linked in the article: Materials and Methods

Altimmune
Based on intranasal vaccine proprietary technology; Uses PER.C6
And Patent:
Merck and IAVI
Using Merck’s Ervebo (Ebola Vaccine) Platform
Uses Vero cells

BioNTech and Pfizer
Uses K562 cells in protein expression
Patent No. 10,669,322

Institute of Microbiology, Chinese Academy of Sciences, Zhifei Longcom
RBD-Dimer Uses Chinese Hamster Ovary cells
https://theprint.in/health/cansino-moderna-novavax-a-list-of-covid-vaccines-under-clinical-trials-across-the-world/454051/

Medicago/GSK/Dynavax
Uses VLPs produced in plant cells

Curevac
mRNA uses patients muscle cells to build antibody; imitates the natural viral infection and activates our own immune defense system.
https://www.curevac.com/covid-19

Massachusetts Eye and Ear
Using HEK-293 AAV Covid Adenovirus vector

Lindsey F. Kimball Research Institute, New York Blood Center and Beijing Institute of Microbiology and Epidemiology
Uses HEK-293 cells
https://www.nature.com/articles/s41423-020-0400-4#Sec1