

MAHANAGAR B A R T A

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House # 39, Road # 6 Niketon, Dhaka









ROTARY CLUB OF **DHAKA MAHANAGAR**

CLUB ID NO: 84780 ROTARY DISTRICT 3281, BANGLADESH

MESSAGE FROM RIPRESIDENT



This does not seem like a time for great optimism, but it has to be. Long before Rotary was founded, the world dealt with great crises that tested humankind's ability to progress and endure. In the age of Rotary, the world has faced many more catastrophes; however, we have survived, and every step of the way, Rotary has helped the world heal.

Every great challenge is an opportunity for renewal and growth. I revealed the theme of Rotary Opens Opportunities at

the International Assembly in San Diego just as the COVID-19 crisis was beginning, but these are words that I have believed for many years.

Rotary is not just a club that you join; it is an invitation to endless opportunities. We believe in creating opportunities for others and for ourselves. We believe that our acts of service, large and small, generate opportunities for people who need our help, and that Rotary opens opportunities for us to live a richer, more meaningful life, with friends around the world, based on our core values.

Governments and institutions are gaining a greater appreciation for the types of public health partnerships that are critical to our work. People stuck at home, eager for greater connections and hungry to help their communities, are now embracing the values we have promoted since our beginning.

All of this is positive news, but just because there are greater opportunities than ever for Rotary to thrive does not guarantee that we will succeed. The world is changing rapidly — and was doing so even before this crisis. People were starting to move away from regular lunch meetings and toward online gatherings. Friendships were being cultivated and revived in social media relationships even before most of our meetings moved to Zoom and Skype. Younger generations have a strong desire to serve — but have questioned whether they could play a meaningful role in organizations like Rotary or whether they might make a bigger impact forming different types of connections. Now is the time to put everything on the table, test new approaches, and prepare Rotary for the future.

The COVID-19 crisis has forced all of us to adapt. This is good, and our new Action Plan specifically calls on us to improve our ability to adapt. But adaptation is not enough. We need to change, and change dramatically, if we are to face the challenges of this new age and provide the Rotary the world so desperately needs.

This is our great challenge, not just in the next year but into the foreseeable future. It is up to us to remake Rotary for these new times — to wholeheartedly embrace the ideas, energy, and commitment of young people eager to find an outlet for idealism. We must become an organization fully enmeshed in the digital age, not one that simply looks for online ways to keep doing what we have always done.

The world needs Rotary now more than ever. It is up to us to make sure that *Rotary Opens Opportunities* for generations to come.

Holger Knaack RI President 2020-21

MESSAGE FROM CLUB PRESIDENT



Dear Mahanagarians, Greetings from your fellow member!

I am most honored and humbled to be the President of the Rotary Club of Dhaka MahaNagar RY 2020-21. We all agree that we are passing an unprecedented situation due to COVID 19 pandemic which has been affecting our personal life, society and the macro economy largely. The Rotary movement is no difference! But with the help and support of my Board members and fellow Club

members, I will try to do my best to meet the challenges, achieve our club goals and continue our club legacy. I want to thank all of you for the trust you have shown in me.

I would like to congratulate Immediate Past President Rtn Rumana Dowla and her Board for a very successful year. I will be depending on her continued support in the days ahead.

Due to ongoing pandemic I would like to bring *health safety*, the center of all our priorities and hence let us share your ideas, thoughts for devising our service project (s) this year. Let us stay on course to realize meaningful and sustainable plans towards this. I will also emphasis on fun and fellowship of our members as indicated by the new Rotary International President Holger Knaack in his message that he wants to have fun. I fully agree and believe that if you **have fun** in what you do, things are much easier accomplished.

Finally, I hope your good health and peaceful mind.

Yours in Rotary,

Rtn. C.M Fazle Sami Club President RY 2020-21



BULLETIN COMMITTEE

- Mesbah Uddin Ahmed: Bulletin Editor
- Asadur Rahman : Co-Editor
- Ahmed Kabir: Member
- Bitopi Chowdhury: Member
- Ena Ahmed : Member
- Salman Khan Promon : Member
- Sraboni Sarker : Bulletin Advisor





Rotary Club Of Dhaka MahaNagar Board of Directors 2020-21



C M Fazle Sami President



Shakila Mimi Vice President



Rumana Dowla



Sajeda Minhaz President Elect



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Shamim A Chaudhury Treasurer



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Bitopi Chowdhury Director Service Project



Asadur Rahman Director PR



Saheda Trisha Director TRF



Lutfun Nahar Shanti Director Membership



Mesbah U Ahmed Bulletin Editor



Humayun Zaman Joint Secretary



Sraboni Sarker
Joint Treasurer



Moniruzzaman Khan



Afsana Choudhury Joint Sgt At Arms

BOARD MEETINGS



Join Board Meeting 2019-20 & 2020-21



2nd Board Meeting



Meeting minutes of Board Meeting

- 1. Club will pay RI dues and District dues by the end of this month.
- 2. Club Assembly will be held on 22 July 2020
- 3. Board has decided to include Rtn Sajeda Minhaz, Rtn Ahmed Kabir and Rtn Shamim as a signatory in our bank accounts.
- 4. Board has decided to invite our District Governor for his official Visit when Covid situation improves and the club can arrange physical meetings.
- 5. Board has decided to take ideas from members for Service projects then the service committee will evaluate and will select projects which are suitable for the club.

- 6. The board decided to revamp the club bulletin with new theme. Bulletin Editor Mesbah presented the ideas which was accepted by the board.
- 7. Club will participate in joint projects with different clubs after assessing the project merits



WEEKLY MEETING



339 RWM: Year ending meeting led by **Dr Rumana Dowla.**



339th RWM & OATH taking ceremony of the new board 2020-21 led by **C M Fazle Sami.**



WEEKLY MEETING



340th RWM with guest speaker Mr Syed Mahbubur Rahman, CEO & MD of Mutual Trust Bank. We also celebrated the birthday if Sraboni Sarker.











341th RWM & Club Assembly



The Vaccine announced by Globe Pharma in Bangladesh

This vaccine is based on the viral RNA which produces the spike protein. The novel corona virus uses this spike protein to bind to a receptor (ACE receptor) present in our cells and gain entry. The complete virus RNA of course uses our cellular machinery to produce copies of itself (see figure below).

NUCLEIC-ACID VACCINES DNA vaccine RNA vaccine Electroporation Coronavirus spike gene RNA is often encased in a lipid coat so it can enter cells DNA A process called electroporation creates pores in Coronavirus membranes to increase uptake of spike peptide DNA into a cell Immune response RNA- and DNA-based vaccines are safe and Viral proteins easy to develop: to produce them involves making genetic material. only, not the virus. But they are unproven; no mRNA licensed vaccines use this technology. @marune

In the case of the vaccine, the spike protein RNA is coated with lipid molecules and injected into muscle tissue. The lipid helps the vaccine RNA gain entry and the cells produces the spike protein. These are eventually released into the blood stream and our immune system will recognize it as foreign and produce antibodies against it. Globe has so far tested this vaccine in only a few rabbits (phase 1; more animals need to be tested for statistical significance and production of antibodies). So some way to go before testing in a small scale in a cell-line or humans (phase 2) and then if found safe, on a large scale in humans. If successful, then Globe can go for large scale productions.

The US company, Moderna in collaboration with the US National Institute of Allergy and Infectious Disease has used a similar approach and will go for large scale trials in humans very soon. This approach is simple, and it should be relatively easy to produce large scale amounts of the RNA. Manufacturing individual units of vaccine with the lipid may be more difficult.

Other front runner vaccine approaches include the following:

- A 'viral vector' vaccine from the University of Oxford and AstraZeneca in the United Kingdom. It harnesses a genetically modified adenovirus that causes colds in chimpanzees that expresses the coronavirus spike protein.
- A similar approach from CanSino Biologics in China, which uses a modified human adenovirus instead.
- An RNA-based vaccine from Pfizer and German company BioNTech. It relies on messenger RNA that synthesizes a crucial part of the coronavirus called the receptor-binding domain.

Moderna and the 3 other approaches have already undergone Phase 2 trials in which a small number of human volunteers have been tested and shown to produce antibodies, without serious side-effects. The next stage is to assess how long these antibodies remain in their system and what kind of protection from Novel corona virus infection they have. The next stage will be the large scale trials, which are likely to start late this year.

- The article is collected and presented by Zeba I. Seraj (PhD)

Greetings of the Month





Rtn Sultana Kashem Bari, PHF



Rtn Dr. Mohammed Rezaul Bari on 8th July

