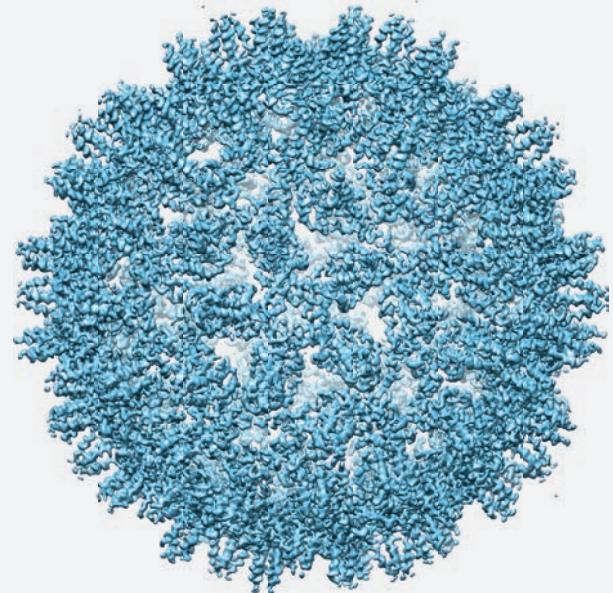
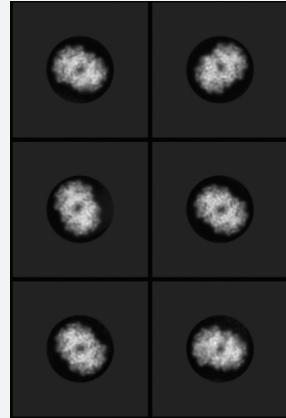
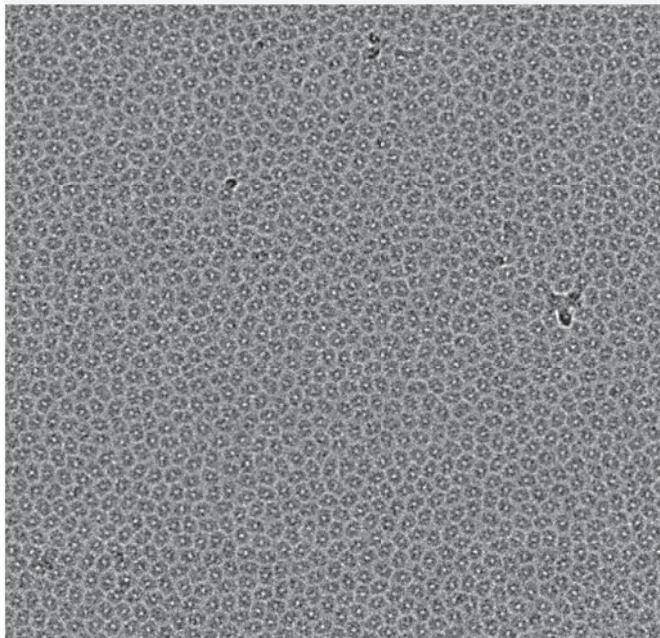


Opening symposium and Inauguration of National CryoEM facility

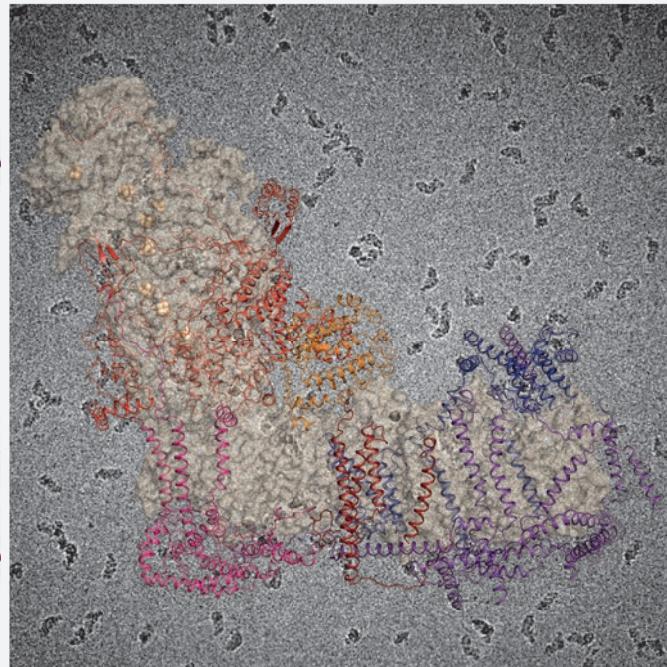
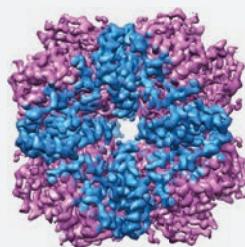
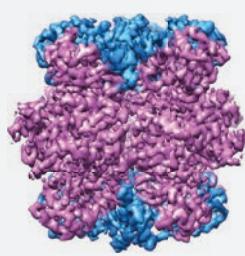
January 24-25, 2018

Dasheri Auditorium

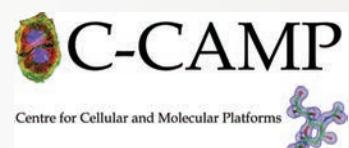
InStem-NCBS Campus, Bangalore



Organisers
S.Ramaswamy, Instem
Satyajit Mayor, NCBS & Instem
K.R.Vinothkumar, NCBS



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology



inStem

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ecryom@instem.res.in

CryoEM Symposium

Day I, Jan 24

9.15 - 10.15 Registration and Coffee

**10.15 - 10.30 Welcome by Dr. K.R. Vinothkumar
and campus history by Prof.Satyajit Mayor**

Session I

Chair: Dr. K.R.Vinothkumar

**10.30 - 11.30 Prof. Richard Henderson, LMB, Cambridge
CryoEM revolution in Structural Biology**

**11.30-12.20 Prof. Werner Kühlbrandt, MPI Frankfurt
High-resolution cryoEM of mitochondrial membrane protein complexes**

**12.20-12.40 Dr. Saikrishnan Kayarat, IISER Pune
Structure of McrBC complex**

**12.40-13.00 Nitish Sathyanarayanan, InStem, Bangalore
Substrate transfer pathway in a bi-functional enzyme**

13.00-15.00 Lunch

CryoEM Symposium

Day I, Jan 24

Session II

Chair: Dr. Somnath Dutta, IISc, Bangalore

15.00-15.50 Dr. Greg McMullan, LMB, Cambridge

Direct-electron detectors - the game changers in cryoEM

15.50-16.40 Prof. Stefan Raunser, MPI Dortmund

Structural and functional insights into mechanism of Tc toxin

16.40-17.00 coffee break

Session III

Chair: Dr. Taslimarif Saiyed, CEO, C-CAMP

17.00-17.20 Dr. Ben Lich, ThermoFisher Scientific

CryoEM workflow

17.20-17.40 GATAN

17.40-18.00 Dr. Jan De Bock and Girish Maurya, LEICA

Correlative light and electron microscopy workflow

18.00-19.00 Open panel discussion on cryoEM in India

Prof. S.Ramaswamy

19.00 - Dinner

CryoEM Symposium

Day 2, Jan 25

Session IV

Chair: Prof. H.S.Savithri, IISc, Bangalore

9.30 - 10.20 Prof. Richard Kuhn, Purdue University

My 25 years studying Structural Virology by CryoEM

10.20-11.10 Dr. Debnath Ghosal, Caltech

**In situ structures of bacterial type IV secretion machinery
by electron cryotomography**

11.10-11.30 Coffee

Session V

Chair: Dr. Moumita Dutta, NICED, Kolkata

11.30-11.50 Dr. Tanweer Hussain, IISc, Bangalore

**Structural insights into key events during eukaryotic
translation initiation**

11.50-12.10 Dr. Prem S. Kaushal, CDFD, Hyderabad

Cryo-electron microscopy studies of mycobacterial ribosome

Chair: Prof. Satyajit Mayor

12.15-13.15 Prof. Wolfgang Baumeister, MPI Martinsried

**Structural Biology *in situ*: The Promise and Challenges of
Electron cryotomography**

13.15-14.15 Lunch

CryoEM Symposium

Day 2, Jan 25

Inauguration of National CryoEM Facility

15.00-15.05 Welcome by Prof. Satyajit Mayor

15.05-15.15 Clusters for Life Sciences, Prof. K.VijayRaghavan

15.15-15.25 Dedication of cryoEM facility by Prof. C.N.R. Rao

15.25-15.35 Future of Structural Biology, Prof. Richard Henderson

15.35-15.45 Bangalore Life Science Structural Biology Facility

Dr. K.R.Vinothkumar

15.45-16.25 Felicitation (5 minutes each)

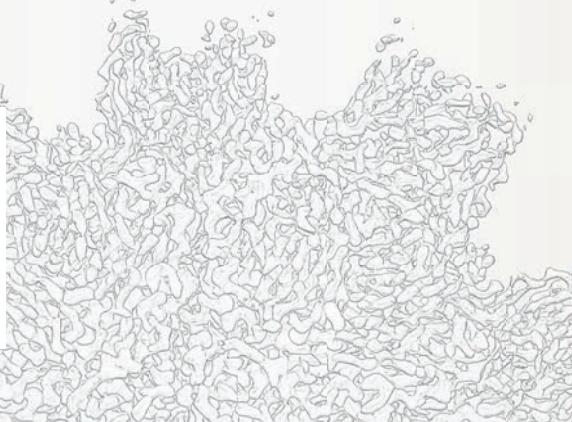
- * **Hon. Dominique Kuhling, Deputy Ambassador, Netherlands Embassy**
- * **Mr. Amit Chopra, Managing Director, VP/GM, India & Middle East Thermo Fisher Scientific**
- * **Other distinguished guests**

16.25-16.30 Vote of Thanks, Prof. S.Ramaswamy

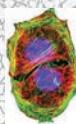
16.30-17.00 Tour of facility

17.00-18.00 High Tea

CryoEM Symposium

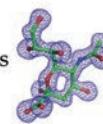


Bangalore Life Science Cluster



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