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dr. christiane menzfeld

tel.: +49 89 8578-2824

menzfeld@biochem.mpg.de

www.biochem.mpg.de/news

 @MPI_Biochem

Manajit Hayer-Hartl receives Charles F. Kettering Award

Manajit Hayer-Hartl, head of the research group "Chaperonin-assisted Protein Folding" at the Max-Planck Institute of Biochemistry in Martinsried receives the Charles F. Kettering Award 2018 from the American Society of Plant Biologists. The award honors excellent research in the field of photosynthesis. Hayer-Hartl's work brings insights into chloroplast protein-chaperone biology and helping to advance many aspects of the field of photosynthesis. This includes the solution to several long-standing challenges associated with the biogenesis of the photosynthetic enzyme Rubisco. Her work has dramatically advanced and reinvigorated interest in studying Rubisco, due to her pioneering achievements in understanding the biogenesis and maintenance of Rubisco. These accomplishments have led to the successful assembly of plant Rubisco in *E. coli*, an achievement that had eluded scientists for nearly 50 years. The award ceremony will take place at the annual meeting of the Society in Montreal, Canada.

About Manajit Hayer-Hartl

Dr. Manajit Hayer-Hartl completed her PhD in Chemistry in 1984 at the University of Stirling, UK. Between 1984 and 1990 she held post-doctoral fellowships at the Louis Pasteur Institute in Strasbourg, France, at the Ludwig-Maximilian University of Munich and the Jules Stein Eye Institute, Los Angeles, USA. From 1991 to 1997, she did research at the Sloan Kettering Institute, New York, USA. Subsequently, she was project group leader at the Max-Planck-Institute of Biochemistry in Martinsried. Since 2006, she is head of the research group "Chaperonin-assisted Protein Folding" at the institute. She is interested in understanding the fundamental mechanisms of chaperone-assisted protein folding and assembly. Hayer-Hartl is an elected member of the European Molecular Biology Organization (EMBO). 2017 she received the Dorothy Crowfoot Hodgkin Award.

Further information about Hayer-Hartl's latest research:

<http://www.biochem.mpg.de/en/20171208-aigner-wilson-hayerhartl>

Announcement of the Award on the website of the American Society of Plant Biologists:

<https://aspb.org/awards-funding/aspb-awards/charles-f-kettering-award/>





About the the American Society of Plant Biologists

American Society of Plant Biologists (ASPB) is a professional society devoted to the advancement of the plant sciences. It publishes two journals and organizes conferences, and other activities that are key to the advancement of the science. The Society was founded in 1924 to promote the growth and development of plant biology, to encourage and publish research in plant biology, and to promote the interests and growth of plant scientists in general. Over the decades the Society has evolved and expanded to provide a forum for molecular and cellular biology as well as to serve the basic interests of plant science. It publishes the highly cited and respected journals *Plant Physiology* and *The Plant Cell*. Membership spans six continents, and the members work in such diverse areas as academia, government laboratories, and industrial and commercial environments. The Society also has a large student membership. ASPB plays a key role in uniting the international plant science disciplines. <https://aspb.org/about/>

About the Max Planck Institute of Biochemistry

The Max Planck Institute of Biochemistry (MPIB) belongs to the Max Planck Society, an independent, non-profit research organization dedicated to top level basic research. As one of the largest institutes of the Max Planck Society, around 800 employees from 45 nations work here in the field of life sciences. Scientists in currently eight departments and 25 research groups contribute to the newest findings in the areas of biochemistry, cell biology, structural biology, biophysics and molecular science. The MPIB in Munich-Martinsried is part of the local life-science-campus where two Max Planck Institutes, several bio-medical institutes of the Ludwig-Maximilian University of Munich and biotech-companies are located in close proximity. <http://www.biochem.mpg.de/en>





Caption:

Manajit Hayer-Hartl

Photo: Vondenbusch © MPI of Biochemistry

Contact:

Dr. Manajit Hayer-Hartl

"Chaperonin-assisted Protein Folding"

Max-Planck-Institut für Biochemie

Am Klopferspitz 18

82152 Martinsried

E-Mail: mhartl@biochem.mpg.de

www.biochem.mpg.de/hayer-hartl

Dr. Christiane Menzfeld

Public Relations

Max Planck Institute of Biochemistry

Am Klopferspitz 18

82152 Martinsried

Tel. +49 89 8578-2824

E-Mail: pr@biochem.mpg.de

www.biochem.mpg.de

