Christopher U.T. HELLEN

EDUCATION

B.Sc.	(1983)	Department of Biochemistry, University of Manchester, Manchester, United Kingdon
Ph.D.	(1988)	Linacre College and Dept. of Plant Sciences , University of Oxford and NERC Institute of Virology, Oxford, United Kingdom

EMPLOYMENT

1984-1987	NERC Institute of Virology, Mansfield Road, Oxford, United Kingdom
1987 - 1994	Postdoctoral Research Associate Department of Microbiology, SUNY at Stony Brook, Stony Brook, NY 11794-8621, USA
1994 - present	Research Assistant Professor, Department of Microbiology and Immunology, SUNY Health Science Center at Brooklyn, Brooklyn, NY 11203

HONOURS

Natural Environment Research Council (U.K.)		Graduate Fellowhip	1984-1987
Royal Netherlands Government		Visiting Scientist Fellowhip	1986
New York State		Faculty Development Award	1995

PUBLICATIONS

1. Jang, S.-K., T.V. Pestova, **C.U.T. Hellen**, G.W. Witherell and E. Wimmer. 1990. Cap-independent translation of picornavirus RNAs: structure and function of the internal ribosomal entry site. *Enzyme* **44**: 292-309.

2. Hämmerle, T., **C.U.T. Hellen**, and E. Wimmer. 1991. Site-directed mutagenesis of the putative catalytic triad of poliovirus 3C proteinase. *Journal of Biological Chemistry*, 266: 5412-5416.

3. **Hellen., C.U.T** and J.I. Cooper. 1991. Synthesis and proteolytic processing of arabis mosaic nepovirus, cherry leaf roll nepovirus and strawberry latent ringspot nepovirus proteins in reticulocyte lysate. *Archives of Virology*. 120: 19-31.

4. Liu, Y.-Y. , J.I. Cooper, M.-L. Edwards and **C.U.T. Hellen.** 1991. A satellite RNA of arabis mosaic nepovirus and its pathological impact. *Annals of Applied Biology*. 118: 577-587.

5. **Hellen, C.U.T**, M. Fäcke, H.-G. Kräusslich, C.-K. Lee and E. Wimmer. 1991. Characterization of poliovirus 2A proteinase by mutational analysis: residues required for autocatalytic activity are essential for the induction of cleavage of eukaryotic initiation factor 4F polypeptide p220. *Journal of Virology* 65: 4226-4231.

6. Pestova, T.V. , **C.U.T. Hellen**, and E. Wimmer. 1991. Translation of poliovirus RNA: the essential role of a cis-acting oligopyrimidine element within the 5'-nontranslated region and the involvement of a *trans*-acting cellular 57 kDa protein. *Journal of Virology* 65: 6194-6204.

7. **Hellen, C.U.T** and E. Wimmer. 1992. The role of proteolytic processing in the morphogenesis of virus particles. *Experientia* 48: 201-215.