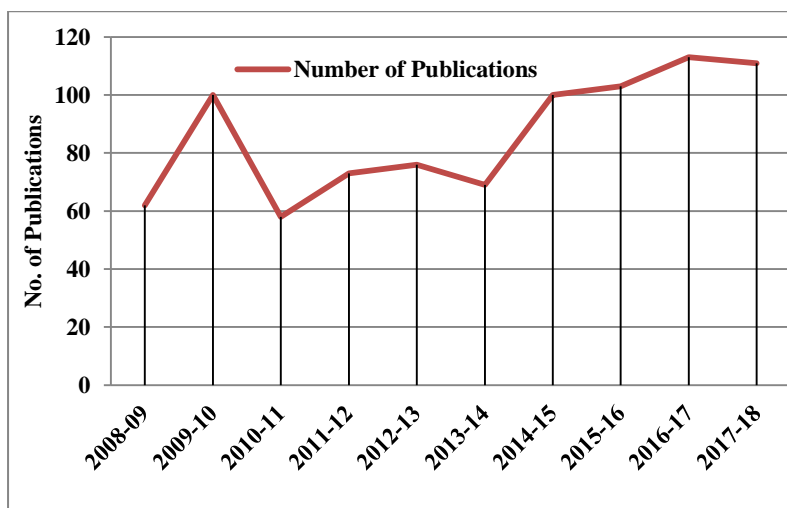


Research Publication Output of National Centre for Cell Science (NCCS) in Last 10 Years

The National Centre for Cell Science (NCCS), an autonomous organisation supported by the Department of Biotechnology (DBT), Government of India, was established to facilitate cell biology research in the country. The NCCS academically enriched campus involved in performing cutting-edge research in cell biology, providing valuable services as a national animal cell repository, and supporting human resource development through various teaching and training programmes. The institute is at forefront at addressing significant human health issues such as cancer, metabolic disorders, infectious diseases, and regenerative medicine.

Initially NCCS served as a National Cell Repository for maintaining and distributing large number of animal cell lines to different colleges, universities and research institutions of country. With support from DBT, the institute has also established the National Centre for Microbial Research (NCMR) which has become custodian of microbial diversity in India, and a 3rd largest microbial culture collection centre in world.

To strengthen its research base, the institute is also working in domains such as structural- and computational biology, proteomics, regeneration, development, neurobiology, immunology, development and progression of cancer, cellular metabolism and intracellular transport, and infectious diseases such as leishmaniasis, AIDS, tuberculosis, malaria etc. Besides the institute has established excellent experimental animal facility to provide technical support to the scientists and researchers.



Graphical representation of publications published by NCCS in last 10 years (2008-18)

The contributions made by the scientists and scholars of NCCS have gained global recognition through publications, awards including the Padma Shree, Shanti Swarup Bhatnagar Awards, National Bioscience Award, and Swarnajayanti Fellowship. The scientific productivity of the institute is reflected in the research publications published in reputed national and international journals with high impact factors.

An analysis of 10 years of research publications have shown an increasing trend in number of publications published worldwide. The research publications in high impact journals such as *Gastroenterology* (Impact Factor 20.877), *Cancer Research* (9.103), *Molecular Cancer* (10.679) etc., have also increased from last couple of years. We have seen a sharp increase in number of publications from 2014-18. In addition, the scientists at NCCS have also been successful in obtaining numerous peer-reviewed competitive grants from various national and international agencies.

Table: Some of the high impact journals in which NCCS researchers have published their work

Journal	Impact Factor
<i>Gastroenterology</i>	20.877
<i>Molecular Cancer</i>	10.679
<i>Cancer Research</i>	9.103
<i>Bioresource Technology</i>	5.807
<i>Journal of Cellular and Molecular Medicine</i>	4.658
<i>Apoptosis</i>	4.021
<i>Journal of Immunology</i>	4.718
<i>Journal of Virology</i>	4.324
<i>Frontiers in Microbiology</i>	4.076

The scientists and students of institute regularly organize and participate in national and international scientific conferences, seminars, symposiums and workshops. The graduate students gain rigorous research training during their coursework and they also get opportunities to showcase their work in the subsequent seminars.

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