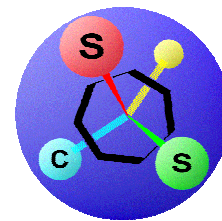


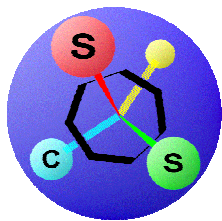
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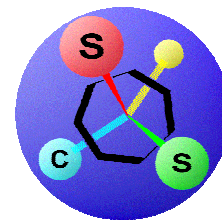
SCS09, The Second International Symposium of Combinatorial Sciences took place in Beijing 19-22 of September 2009 and was attended by 180 distinguished scientists from 20 countries around the world. This was a remarkable symposium chaired by Professor Bing Yan St. Jude Children's Research Hospital, Tennessee and Professor Gang Liu, Institute of Materia Medica, Beijing on behalf of the Society of Combinatorial Sciences. The scientific quality of the meeting was exceptionally high and in many instances ground breaking discoveries were presented. "Scientifically speaking, we have had one of the most successful meetings of 2009 with breathtaking new discoveries in many of the presentations" says the Prof. Bing Yan. "This is expected due to the maturation of the Combinatorial Sciences that are present in almost all other scientific disciplines from materials to biology, always striving to optimize the scientific output, and thereby creating spectacular results using nano-science, parallel operations, automation and true combinatorial methods as enabling techniques". One of the more exciting results was presented by the winner of the SCS-Award of 2009, Professor Mark Bradley. He described the combinatorial preparation and arraying of functional polymers that could stimulate specific proliferation of specific cells. The exiting results included polymers for cultivation of liver cells for transplantation and the control of stem cell production in hydrogels. As a host of the meeting China presented spectacular results in both combinatorial chemical biology and particularly in chemistry. The conference was one of the richest ever with respect to new chemical reactions and scaffolds. Several hundreds of thousands of completely novel chemical entities were presented and the creativity in scaffold diversity generation was unprecedented. In the field of catalysts particular attention was paid to the current Green Chemistry Area with new recyclable catalysts on solid support with exceptional turnovers catalyzing general organic reactions in water. Highly specific and efficient inorganic catalysts identified only through combinatorial methods for use in the large scale chemical production and petrochemical industry was also described.

"It is the interdisciplinary nature of the SCS (www.combichem.org) that is the key to its success as a society and to the achievements of its members. The different fields simply learn from each other and completely unexpected methods and cognitions results" says Professor Morten Meldal, Chairman of the society. "- SCS is a true umbrella organization that focuses at scientific principles originating in the cradle of life, the principles of molecular evolution towards function



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and complexity.” says Meldal. “I am convinced that in spite of the unfortunate destiny of combinatorial chemistry in the pharmaceutical industry around 2000-2004 Combinatorial Science is at its infancy and remains one of the most powerful new paradigms of the 21st century.”

“We expect an outstanding meeting in 2011, says Professor Jorg Rademann, chairing SCS11 in Berlin.” I coordinately invite all areas of sciences implementing combinatorial methodology in pursuit of their results to join there. The Chemical Biology field is deeply rooted in combinatorial chemistry and is a combinatorial science in itself and we expect a rich participation from their part.

The SCS09 was joined by the satellite CCCB meeting of the Japanese Combinatorial Chemistry Focus Group. CCCB was incredibly successful and marked the end of the series of 28 consecutive meetings arranged by JCCF and Professor Takashi Takahashi.

“JCCF has realized that the field is global and kindly recommends all its members to transfer by the free online registration to SCS to reflect their interest in the global aspects of Combinatorial Sciences.” says Takahashi, who with the assistance of Professors Koichi Fukase, and Takayuki Doi has maintained the Japanese focus on combichem for the last 14 years. “We are confident that SCS will provide a forum for our interest and we are looking forward to our joint efforts with SCS in promoting this important scientific discipline.”

In the light of these two successful meetings it seems that Combinatorial Sciences are finally claiming the rightful position as essential to discovery of significant results in many other fields of natural sciences.