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Women in Chemistry

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FRONT COVER PICTURE

The front cover picture shows Marie Curie in the center surrounded by the 61 women who are noted as corresponding authors of the papers appearing in this EurJOC Special Issue dedicated to Women in Chemistry. In celebration of the IYC 2011 and in honor of the 100th anniversary of Marie Curie being awarded the Nobel Prize in Chemistry, this issue was compiled to highlight women in organic chemistry who have made a significant contribution to their field.



BACK COVER PICTURE

The back cover picture shows the highlight of “Women in Chemistry”, celebrating the contributions of women in chemistry. The year 2011 is designated as the International Year of Chemistry and commemorates the 100th anniversary of the Nobel Prize being awarded to Madame Marie Curie. The picture demonstrates the conversion of a male hormone into the female hormone estrogen by the enzyme aromatase. Because increased levels of estrogen may lead to breast cancer, inhibition of aromatase activity by aromatase inhibitors could therefore reduce the incidence of breast cancer. Aromatase inhibitors have been isolated from the Thai medicinal plants *Dunbaria longeracemosa* and *Alangium salviifolium*. Details are discussed in the articles by Thai female chemists V. Prachyawarakorn and C. Mahidol on p. 3803ff and P. Pailee and C. Mahidol on p. 3809ff.

