

of *glnA* was required in addition, for full derepression of *nif* and constructed a *Klebsiella pneumoniae* strain, constitutive for nitrogenase.

The questions amenable to molecular genetic research tools are many more. Can we engineer efficient N_2 fixing cereals, oxygen insensitive nitrogenase, more efficient systems than the *Azospirillum*—grass rhizocoenosus, leghemoglobinless but effective non-legume—*Rhizobium* symbiosis as in *Parasponia*, or

stem nodules, where the *Rhizobium* inoculant does not have to cope with competition from soil bacteria? Answers may have to await decades of research, but we need to take the plunge and organize strong research schools because, more and more of the brilliant scientists involved in such work in the West are entering commercial enterprises from where, the free flow of information, which we now take advantage of, may soon dry up.

ANNOUNCEMENTS

THIRD EUROPEAN COMMUNITY SYMPOSIUM IN INNOVATION FINANCING

The Symposium will be held at Luxembourg during 17–19 November, 1982. The introduction of new technologies in the market presupposes investments which it is difficult for newly-established enterprises to finance. On the other hand, new technologies hold the key to improving the competitiveness of national economies and to guaranteeing employment on a long-term basis. For this reason, solutions to this financing problem are being sought throughout the European Community.

The Third annual European Community Symposium on innovation financing, which will be held in Luxembourg during 17–19 November, 1982, will cover the theme 'Needs of new technology-based enterprises'. It will bring together entrepreneurs and financiers who will discuss recently devised financing models on the basis of acquired experience. The programme will cover: risk capital and the financing of buy-outs, national public guarantee schemes, examples for mobilising private interest and local support, and the tailoring of financial packages to needs.

Further information may be had from J. M. Gibb, C.E.C. DG XIII, P. B. 1907, Luxembourg.

TWELFTH SYMPOSIUM ON FUSION TECHNOLOGY

The Symposium on Fusion Technology will be held at Jülich (FRG) during 13–17 September, 1982. Further particulars may be had from the Conference Secretary, Ms. H. BONGARTZ, KFA Jülich GmbH Tagungsbüro, Postfach 1913, D-5170-Jülich 1, F R G.

SECOND CONFERENCE IN BIOMASS

The Conference will be held during 20–23 September, 1982 at Berlin. Further particulars may be had from Dr. A. Strub, Commission of the European Communities DG XII, 200 rue de la Loi, b-1049 Bruxelles, Belgium.