

TIZIANO BANDIERA, Ph.D.

Curriculum Vitae et Studiorum

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Esperienza Professionale

TIZIANO BANDIERA è senior scientist e direttore della linea di ricerca PharmaChemistry dell'Istituto Italiano di Tecnologia di Genova.

Il dott. Bandiera ha studiato all'Università di Pavia dove ha conseguito il dottorato di ricerca in Chimica nel 1987. Al termine degli studi, ha iniziato la sua carriera nell'industria farmaceutica, lavorando come ricercatore in Farmitalia-Carlo Erba, Pharmacia Corporation e Nerviano Medical Sciences. La sua attività in ambito industriale si è focalizzata inizialmente sulla ricerca di farmaci per le patologie del Sistema Nervoso Centrale, in particolare per la malattia di Alzheimer. Nel 1998 si è spostato nell'area terapeutica Oncologia dove ha guidato, come project leader, tre progetti di ricerca mirati alla scoperta di nuovi farmaci antitumorali.

Nel 2008, ha lasciato l'industria per l'Istituto Italiano di Tecnologia (IIT), un ente di ricerca non-profit. All'IIT ha avviato il gruppo di Chimica Farmaceutica del dipartimento di Drug Discovery and Development. Dall'ottobre 2013 è direttore della linea di ricerca PharmaChemistry. Le sue attività di ricerca sono mirate all'identificazione di nuovi farmaci per il trattamento della fibrosi cistica, una malattia genetica, e di malattie a componente infiammatoria.

Il dott. Bandiera ha pubblicato 65 articoli su riviste internazionali ed è co-inventore in oltre 40 domande di brevetto e famiglie di brevetti. E' membro del Consiglio Direttivo della Divisione di Chimica Farmaceutica della Società Chimica Italiana.

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2004 – July 2008

Associate Director of Chemistry and Project Leader
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2001 – 2004

Group Leader and Project Leader
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- 1999-2000** Project Leader
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- 1994-1998** Medicinal Chemistry Section Leader
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- 1987-1994** Ricercatore Chimico-farmaceutico
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Corso di Studi

- 1984-1986 PhD (Dottorato di Ricerca) in Chimica
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Tesi: “Regioselettività nella sintesi di isossazoli”
Relatore: Prof. P. Grünanger
- 1981 – 1982 Stage al Max Planck Institut für Kohlenforschung, Mülheim an der Ruhr,
Germany
- 1976-1981 Laurea in Chimica,
Università di Pavia, Italia
Tesi: “Cicloaddizioni di benzo- e mesitonitrilossido a 2,4-esadieni”
Relatore: Prof. F. Marinone Albini
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Publicazioni

65. Contardi, M.; Russo, D.; Suarato, G.; Heredia-Guerrero, J.A.; Ceseracciu, L.; Penna, I.; Margaroli, N.; Summa, M.; Spanò, R.; Tassistro, G.; Vezzulli, L.; **Bandiera, T.**; Bertorelli, R.; Athanassiou, A.; Bayer, I.S. Polyvinylpyrrolidone/hyaluronic acid-based bilayer constructs for sequential delivery of cutaneous antiseptic and antibiotic. *Chemical Engineering Journal*, doi.org/10.1016/j.cej.2018.10.048
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dopamine D3 receptor and fatty acid amide hydrolase
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