



Centre de Biologie Structurale - CBS

UMR5048 CNRS – U1054 INSERM – UNIVERSITE DE MONTPELLIER

Director: E. Margeat, DR CNRS
Deputy Directors: M. Cohen-Gonsaud, CRCN CNRS
V. Delfosse, CRCN CNRS

Administrative Officers : F. Lepage, IE CNRS
D. Debain, IE INSERM

Total staff : 138
(permanent: 68; non permanent: 70)

Research

Department of Structural Biology

Teams

Biomolecular Structure, Function and Dynamics by NMR

C. Roumestand, N. Declerck

Structure and Function of Highly Flexible Proteins

P. Bernado, N. Sibille

Multiscale Structural Biology

P. Bron

Advanced Biology, Chemistry, Informatics Studio

G. Labesse

Nuclear Receptors as Integrators of Endogenous & Environmental Signals

W. Bourguet, A. Le Maire

Multiscale Biomolecular Modeling

A. Barducci

Chromosomal Structure & Homologous Recombination during Meiosis

T. Robert

Department of Biophysics & Bioengineering

Teams

Mechanisms of DNA Segregation and Remodelling

M. Nollmann

Physics and Mechanics of Biological Systems

M. Abkarian, F. Pedaci

Integrative Biophysics of Membranes

P-E. Milhiet, E. Margeat

Synthetic Biology

J. Bonnet, M. Cohen-Gonsaud

Synthetic & Functional Genomics

G. Cambray

Platforms

PIBBS: Manager H. Déméné
IBISA: Mng. M. Cohen-Gonsaud

NMR

K. Montet de Guillen
Managers: N. Sibille

Crystallography

M. Gelin, F. Hoh
Manager: V. Delfosse

Cryo-electronic Microscopy

J. Lai Kee Him
Manager: P-E. Milhiet

Biophysical Characterizations

F. Allemand
Manager: A. Le Maire

Bio-informatics

J-L. Pons
Manager: G. Labesse

Managers: M. Cohen-Gonsaud, W. Bourguet

FRISBI

Chemo-informatics

M. Gelin
Manager: G. Labesse

Mng. : G. Labesse

ChemBioFr

AFM

C. Godefroy
Manager: L. Costa

Biophotonics Imaging

C. Clerté
Manager: C. Doucet

Managers: E. Margeat

FBI

MARS

J-B. Fiche
Manager: A. Le Gall

Common Services

Administrative

Finances: D. Debain, F. Lepage, M. Boutin, S. Dailland

Human Resources: F. Lepage

Travel: M. Boutin, S. Dailland

Health and safety

K. Montet de Guillen

C. Clerté

A. Ancelin

IT Service

Manager: J-L. Pons

J. Hahusseau

V. Moreau

Webmaster: J. Gracy

Biochemistry / Molecular Biology Internal Platform

F. Allemand

M. Cohen-Gonsaud

Washing Facility

Resp.: C. Carivenc (CBS29 site)

C. Godefroy (CBS60 site)

Technical Service

P. Didier

PIBBS PLATFORM - 8 TECHNICAL FACILITIES

NMR

Contact.: Karine MONTET DE GUILLEN (IRCN, INSERM)

Scient Mngr: Nathalie SIBILLE (CRCN, CNRS)

Team: C. Roumestand (PU, UM), H. Déméné (CRCN, CNRS),
P. Barthe (IRHC UM), Y. Yang (IRCN, CNRS)

AFM

Contact.: Cédric GODEFROY (IECN, UM)

Scient Mngr.: Luca COSTA (CRCN, CNRS)

Team: C. Bénistant (CRCN INSERM), C. Doucet (CRCN, CNRS),
P.E. Milhiet (DR1, CNRS)

Crystallography

Contact.: Muriel GELIN (IRCN, CNRS), François HOH (IRCN, CNRS)

Scient Mngr.: Vanessa DELFOSSE (CRCN, CNRS)

Team: C. Carivenc (AI, CNRS), J-F. Guichou (PU, UM), A. Le Maire
(CRCN, CNRS), W. Bourguet (DR1, INSERM), G. Labesse (DR2, CNRS)

Biophotonics Imaging & MARS

Contact.: Caroline CLERTÉ (IRCN, INSERM), Jean-Bernard FICHE
(IRCN, INSERM)

Scient Mngr: Christine DOUCET (CRCN, CNRS), Antoine LE GALL
(CRCN, CNRS)

Team: E. Margeat (DR2, CNRS), M. Nollmann (DR1, CNRS)

Cryo-Electronic Microscopy

Contact.: Joséphine LAI KEE HIM (IRCN, CNRS)

Scient Mngr: Pierre-Emmanuel MILHIET (DR1, CNRS)

Team: **A. Ancelin (AI, INSERM)**

Biophysical Characterizations

Contact.: Frédéric ALLEMAND (IRCN, CNRS)

Scient Mngr.: Albane LE MAIRE (CRCN, CNRS)

Team: Muriel Gelin (IRCN, CNRS), Corinne Lionne (DR2, CNRS),
André Padilla (CRHC, CNRS)

Bio-informatics

Contact.: Jérôme GRACY (IRCN, CNRS), Jean-Luc PONS (IRCN, CNRS)

Scient Mngr: Gilles LABESSE (DR2, CNRS)

Team: V. Moreau (IRCN, CNRS)

Chemo-informatics

Contact.: Muriel GELIN (IRCN, CNRS)

Scient Mngr: Gilles LABESSE (DR2, CNRS)

Platform Staff :

Permanent: **1 ITA (not listed in teams)**

COMMON SERVICES

Administrative

Marion BOUTIN (AI, INSERM)
Solène DAILLAND (T CDD, CNRS)
Didier DEBAIN (IECN, INSERM)
Florence LEPAGE (IECN, CNRS)

Health & Safety

Aurélie ANCELIN (AI, INSERM)
Caroline CLERTE (IRCN, INSERM)
Karine MONTET DE GUILLEN (IRCN, INSERM)

Common IT Service

Jérôme GRACY (IRCN, CNRS)
Jérôme HAHUSSEAU (AI, CNRS)
Violaine MOREAU (IRCN, CNRS)
Jean-Luc PONS (IRCN, CNRS)

Biochemistry / Molecular Biology Internal Platform

Frédéric ALLEMAND (IRCN, CNRS)
Coralie CARIVENC (AI, CNRS)
Martin COHEN-GONSAUD (CRCN, CNRS)
Angélique DE VISCH (AI, INSERM)
Aurélie FOURNET (AI, INSERM)

Washing Facility

Lorenzo BALTIMORE (AJT CDD, CNRS – 25%)
Alexis BANCE (Vac, INSERM – 25%)
Coralie CARIVENC (AI, CNRS)
Cédric GODEFROY (IE, UM)
Norah VILMEN (Vac, INSERM – 25%)
Lena VUKIC (Vac, UM – 25%)

Technical Service

Philippe DIDIER (TCS, CNRS)

Permanent staff listed in the teams: 14 ITA

Permanent: 4 ITA

Non-permanent: 5 ITA

Total : 9

DEPARTMENT OF STRUCTURAL BIOLOGY TEAMS

Team 1: BIOMOLECULAR STRUCTURE, FUNCTION AND DYNAMICS BY NMR

ROUMESTAND Christian (PUCE, UM)
DECLERCK Nathalie (DR2, INRAE)
BARTHE Philippe (IGRHC, UM)
BOCQUET Aurélien (AI CDD, INRAE)
CARGEMEL Claire (Researcher CDD, INRAE)
CHILLARD Léo (PhD, CNRS)
DELBECQ Stéphane (PU, UM)
MAIDMENT Josephine (IR CDD, INRAE)
MONTET DE GUILLEN, Karine (IRCN, INSERM)
MOUBRI MENAGE Karina (MC, UM)
MOUHAND Assia (MC CDD, UM)
NOELL Julie (T CDD, UM)

Team 2: STRUCTURE AND FUNCTION OF HIGHLY FLEXIBLE PROTEINS

BERNADO Pau (DR2, INSERM)
SIBILLE Nathalie (CRCN, CNRS)
ALLEMAND Frédéric (IRCN, CNRS)
FOURNET Aurélie (AI, INSERM)
KUMANSKI Sylvain (AI CDD, INSERM)
LUND, Xamuel (PhD, ILL)

Team 3: MULTISCALE STRUCTURAL BIOLOGY

BRON, Patrick (DR2, INSERM)
HOH François (IRCN, CNRS)
LAI KEE HIM Joséphine (IRCN, CNRS)
TRAPANI Stefano (MC, UM)

Team 4: ADVANCED BIOLOGY, CHEMISTRY, INFORMATICS STUDIO

LABESSE, Gilles (DR2, CNRS)
AUDEBERT Solène (PhD, UM)
DELFOSE Vanessa (CRCN, CNRS)
GELIN Muriel (IRCN, CNRS)
GRACY Jérôme (IRCN, CNRS)
GUICHOU Jean-François (PU, UM)
LIONNE Corinne (DR2, CNRS)
MARY Charline (Researcher CDD, CNRS)
MEZGHRANI Alexandre (CRCN, CNRS)

PONS Jean-Luc (IRCN, CNRS)
RINALDI Clara (AI CDD, CNRS)
ROYER Catherine (DR1, INSERM)
TOMASZCZYK Mathilde (PhD, UM)

Team 5: NUCLEAR RECEPTORS AS INTEGRATORS OF ENDOGENOUS AND ENVIRONMENTAL SIGNALS

BOURGUET William (DR1, INSERM)
LE MAIRE Albane (CRCN, CNRS)
CARIVENC Coralie (AI, CNRS)
GERMAIN Pierre (CRCN, INSERM)
GRUSZCZYK Jakub (CRCN, INSERM)
MALLET Manon (PhD, UM)
MARTIN Yéléna (IE CDD, UM)
MORENO BARBOSA Glauce (Researcher CDD, CNRS)
SANFILIPPO Axel (PhD, INSERM)
SIROUNIAN Savannah (AI CDD, INSERM)
TAMBONES Izabella (PhD, CNRS)

Team 6: MULTISCALE BIOMOLECULAR MODELING

BARDUCCI Alessandro (DR2, INSERM)
BEREZOVSKA Yelyzaveta (Researcher CDD, INSERM)
BOCCALINI Matteo (PhD, UM)
CIANDRINI Luca (MC, UM)
CORPET Vincent (AI CDD, INSERM)
ERBA Davide (PhD, INSERM)
FUCHS Philippe (PhD, UM)
KEISERS Johannes (PhD, UM)
KONIUKOV Georgii (PhD, INSERM)
LAVAGNA Enrico (Researcher CDD, INSERM)

ATIP-Avenir Team : CHROMOSOMAL STRUCTURE & HOMOLOGOUS RECOMBINATION DURING MEIOSIS

ROBERT Thomas (CRCN, CNRS)
DAL TOE Laurine (PhD, UM)
DE MUYT Arnaud (CRCN, INSERM)

Permanent staff: 22 Researchers, 10 ITA
Non permanent: 6 Postdocs, 13 PhD Students, 8 ITA
Total: 59

DEPARTEMENT OF BIOPHYSICS & BIOENGINEERING TEAMS

Team 7: MECHANISMS OF DNA SEGREGATION AND REMODELLING

NOLLMANN Marcelo (DR1, CNRS)

ANDRIEU Maxime (IE CDD, UM)
BARDOU Marion (PhD, UM)
DEVOS, Xavier (IR CDD, UM)
DIDIER Philippe (TCS, CNRS)
ELKHOURY YOUHANNA Christel (IE CDD, UM)
FICHE Jean-Bernard (IRCN, INSERM)
GANESH Gautham (PhD, UM)
HOUBRON Christophe (IRCN, INSERM)
LE GALL Antoine (CRCN, CNRS)
LLERES David (CRCN, CNRS)
MAS Anna (PhD, UM)
MESSINA Olivier (Researcher CDD, CNRS)
SCHAEFFER Marie (CRCN, INSERM)

Team 8: PHYSICS AND MECANICS OF BIOLOGICAL SYSTEMS

ABKARIAN Manouk (DR2, CNRS)

PEDACI Francesco (DR2, CNRS)

BIQUET BISQUERT Anais (IR CDD, CNRS)
DOMITIN Sylvain (Phd, CNRS)
FULCRAND Rémy (IRCN, CNRS)
GIANNETTI Arianna (IE CDD, CNRS)
HOFFMANN William (IE CDD, CNRS)
LE Andy (PhD, UM)
NORD Ashley (CRCN, CNRS)
VOYVODIC Peter (IR CDD, CNRS)
XABADA Tristan (PhD, UM – 50%)

Team 9: INTEGRATIVE BIOPHYSICS OF MEMBRANES

MARGEAT Emmanuel (DR1, CNRS)

MILHIET Pierre-Emmanuel (DR1, CNRS)

BELLOT Gaëtan (CRCN, INSERM)
BONHOMME Léo (PhD, UM)
CLERTE Caroline (IRCN, INSERM)
COSTA Luca (CRCN, CNRS)
COSTES Emilie (PhD, UM)
DÉMÉNÉ Hélène (DR2, CNRS)
DERRAC, Anaïs (AI CDD, CNRS)
DORE Rémi (PhD, CNRS)
DOSSET Patrice (IEHC, CNRS)

DOUCET Christine (CRCN, CNRS)
FINKEL Julie (PhD, INSERM)
GODEFROY Cédric (IECN, UM)
KUCINIC Anjelica (Researcher CDD, INSERM)
MOARBESS Elia (PhD, CNRS – 50%)
QUAST Robert (CRCN, INSERM)
ROY Ajit (IE CDD, CNRS)
SANTAMARIA Andreas (Researcher CDD, CNRS)
TRIOMPHE Nicolas (PhD, CEA – 50%)
VAZQUEZ Gabriel (AI CDD, CNRS)
WILKENS Gerrit (Researcher CDD, INSERM)
YANG Yinshan (IRCN, CNRS)

Team 10: SYNTHETIC BIOLOGY

BONNET Jérôme (DR2, INSERM)

COHEN-GONSAUD Martin (CRCN, CNRS)

ABI KHALIL Amanda (IR CDD, INSERM)
BELLO Maxime (IE CDD, INSERM)
BOUSSAU Quentin (PhD, UM)
CAPIN Julien (Researcher CDD, INSERM)
CATTONI Diego (CRCN, INSERM)
CHABERT Emilie (PhD, ENS-Lyon)
DE VISCH Angélique (AI, INSERM)
FRISTOT Elsa (Researcher CDD, INSERM)
GROSJEAN Estelle (PhD, INSERM)
HANI Habib (CRCN, CNRS)
MAYONOVE Pauline (AI, INSERM)
MOREAU Violaine (IRCN, CNRS)
SASSON Chloé (PhD, INSERM)
VALLEJOS SANCHEZ Katherine (PhD, UPCH)
ZUNIGA SEPULVEDA Ana (CRCN, INSERM)

ATIP-Avenir Team : SYNTHETIC AND FONCTIONAL GENOMICS

CAMBRAY Guillaume (CRCN, INRAE)

CHOUFANI Charbel (IE CDD, UM)
INCE Ikkal Agah (IE CDD, CNRS)
LABADIE Thomas (Researcher CDD, CNRS)

Permanent staff: 20 Researchers, 11 ITA
Non permanent: 8 Postdocs, 17 PhD Students, 13 ITA
Total: 69