



Government of West Bengal
Institute of Postgraduate Medical Education & Research
 Centre of Excellence in Medical Education & Research

Rheumatology
(Clinical Immunology & Rheumatology)

FACULTY

Designation	Name & qualification
Professor & Head	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Professor	Dr. Alakendu Ghosh, DNB (Medicine), FRCP (Lond.)
Associate Professor	Dr. Pradyot Sinhamahapatra, MD(Medicine), DNB (Medicine)
	Dr. Biswadip Ghosh, MD (Medicine)
	Dr. Geetabali Sircar, MD (Medicine), DM (Rheumatology)
Assistant Professor	Dr. Subhankar Haldar, MD (Medicine)
	Dr. Hira Manik Sit, MD (Medicine)
	Dr. Partha Ghorai, MD (Medicine), DM (Neurology)
	Dr. Sumantro Mondal, MD (Medicine), DM (Rheumatology)
RMO	Dr. Dipendra Nath Ghosh, MD (Medicine), DM (Rheumatology)
	Dr. Sudipta Gorai, MD (Pediatric Medicine)
Senior Resident	Dr. Soumya Dey, MD (Pediatric Medicine)

Transfers, postings and superannuations

1. Prof. Alakendu Ghosh superannuated on 31st May, 2021 and re-employed on 23rd July 2021 as Professor, Dept. of Clinical Immunology and Rheumatology, IPGME&R, Kolkata.
2. Dr. Arghya Chattopadhyay, RMO cum Clinical Tutor was transfer to North Bengal Medical College, Darjeeling to act as Assistant Professor, Dept. of Rheumatology

Postgraduate Trainees

DM Student 3rd Year (Session 2019-22)	Dr. Rashmi Rungta
	Dr. Sameer Joshi
DM Student 2nd Year (Session 2020-23)	Dr. Kaustav Bhowmick
	Dr. Angan Karmakar
	Dr. Sonali Dey
	Dr. Goutam Raj Panjabi
	Dr. Mavidi Sunil Kumar
DM Student 1st Year	Yet to join

Research Scholars

PhD Scholars, JRF, SRF, RA	Ayindrila Saha Basak, MSc (SRF) Sudipta Chatterjee, MSc (SRF) Sanchaita Misra, MSc (ICMR SRF)	Dipanjan Bhattacharjee, MSc (ICMR SRF) Sulagna Chatterjee, MSc (Research Scholar) Dr. Avik Sarkar, MSc, PhD (ICMR RAI)
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Sisters

Indoor / Outdoor / Day care	Srabana Roy – Sister in charge Keka Panchadhyai Kaberi Dey Bindu M. Varrier	Swattika Maity Saheli Ganguly Arjita Roy Dey Suchandra Sarkar	Alpana Maity Sudipta Das Sudeshna Jana Sriparna Chatterjee
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Non-teaching Staff

Laboratory Technician	Halim Molla Bikash Chandra Purkait Tamali Mondal	Reshmi Pal Rubi Manna Susanta Bhattacharjee	Probir Mondal Mita Karu
Clerical Staff (Non-Govt., from Project)	Gita Rani Ghosh Roy Sudip Das		
DXA Technician (Non-Govt., from Project)	Sandip Das		
Group-D Staff (From Sainik Board)	Joydeb Dhar Monishankar Halder Gita Biswas		
Group-D Staffs (Non-Govt., from Project)	Vinod Mallick		

SERVICE INFORMATION

Services	Details	Frequency	Volume
Outpatient services	Rheumatology OPD	Thrice/week (Monday, Wednesday, Friday)	300 - 350 per day
	Lupus clinic	Once/week (Tuesday)	100-120 per week
	Early Arthritis clinic Scleroderma clinic & Vasculitis clinic Biologics board	Once/week (Thursday) Twice /Month (2 nd & 4 th Thursday) Once/Month (1 st Thursday)	50-70 per week
Indoor (Male & Female)	2 nd Floor & 3 rd Floor	Monday to Saturday	80-90 per month
Day Care	Intra-articular injection Nerve biopsy / Muscle biopsy Injection of IV Endoxon Injection of Biologicals Lip biopsy Skin biopsy		600-700 such/month 1 such/month 16-20 such/month 80-90 such/month 2-3 per month 1 such/month

Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	25 -30 per week
	MSK-USG/PDUS	Monday to Saturday	50-60 per week
	Kidney biopsy – USG guided		06-08 such/month
	USG – guided IACS	Monday to Friday	06-07 per week
Laboratory services	Autoantibody and other immunological tests including ELISA, Nephelometry, Immunoblot and immunofluorescence microscopy based tests like RF, hsCRP, Ceruloplasmin, IgG, IgA, IgM, LP(a), Anti-CCP, ANA, anti ds-DNA antibody, C3, C4, ANA profile (ENA), ANA profile (special), Myositis profile, Myositis profile (special), Systemic Sclerosis profile, Auto immune Liver profile, Neuro profile, Allergy profile (dust, food), MPO, PR3, Anti Ro(SSA), Anti La(SSB), Anti Cardiolipin Ab-IgA, IgM, IgG; Anti β 2 Glycoprotein Ab-IgA, IgM, IgG; ANCA (cANCA, pANCA), Ferritin, 25(OH) VitD, ASMA, AMA, LKM, Cryoglobulin, Cryofibrinogen, Autoimmune encephalitis panel, PLA2R (IIFT), PLA2R (ELISA), U1RNP, GBM, NMOSD Screen 1 (MOG & AQP4) etc.		Done regularly

ACADEMIC ACTIVITIES

Morning session	<ol style="list-style-type: none"> 1) Seminars on every Monday 2) Journal club and journal scan on every Tuesday 3) Seminars on basic research in Immunology on every Wednesday 4) Interactive case presentation by PDTs on every Thursday 5) Seminars on recent advances on every Friday by PDTs and Faculties 6) Grand clinical rounds on every Saturday
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DM passed this year: Dr. Prashant Dudhagara & Dr. Soumya Dey (Session 2018-21)

RESEARCH PROJECTS AND ACTIVITY

RESEARCH GRANTS	<ul style="list-style-type: none"> • "Functional roles of some regulatory molecules (XIST, TSIX and NEAT1, Netrin1) in the pathophysiology of Systemic Sclerosis and their responses with conventional immunosuppressive therapy - sponsored by ICMR • Ultrasound assessment of subclinical synovitis among RA patients in clinical remission with reference to the expression of pro and anti inflammatory cytokines - sponsored by ICMR • Study of metabolic bioenergetics of CD4⁺ T cells in patients with Systemic lupus erythematosus - Sanction by IRA (2021) • Detection and characterization of cell free DNA in plasma from patients with systemic lupus erythematosus (SLE) - Sanction by IRA (2021)
DST-FIST SUPPORT	DST – FIST infrastructural support has been received from Government of India for expanding academic and research activity and the same was sanctioned for the second time by DST.

PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS

1. Rudra P Goswami, Animesh Ray, Moumita Chatterjee, Arindam Mukherjee, Geetabali Sircar, Parasar Ghosh. Rituximab in the treatment of systemic sclerosis-related interstitial lung disease: a systematic review and meta-analysis. *Rheumatology*, Volume 60, Issue 2, February 2021, Pages 557–567
2. Kumar A, Palit P, Thomas S, Gupta G, Ghosh P, Goswami RP, Kumar Maity T, Dutta Choudhury. Osteoarthritis: Prognosis and emerging therapeutic approach for disease management. *Drug Dev Res.* 2021 Feb;82(1):49-58.
3. Saha A, Bagchi A, Chatterjee S, Dutta S, Misra S, Bhattacharjee D, Chatterjee S, Mondal S, Ghosh P, Chatterjee M, Ghosh A. Phenotypic characterization of circulating endothelial cells induced by inflammation and oxidative stress in ankylosing spondylitis. *Free Radic Res.* 2021 May;55(5):520-532.
4. Misra S, Bagchi A, Sarkar A, Niyogi S, Bhattacharjee D, Chatterjee S, Mondal S, Chattopadhyay A, Saha A, Chatterjee S, Sinhamahapatra P, Chakrabarti P, Chatterjee M, Ghosh A. Methotrexate and theaflavin-3, 3'-digallate synergistically restore the balance between apoptosis and autophagy in synovial fibroblast of RA: an ex vivo approach with cultured human RA FLS. *Inflammopharmacology.* 2021 Oct;29(5):1427-1442.
5. Rashmi Roongta, Sumantra Mondal, Accelerated methotrexate nodulosis, *Rheumatology*, 2021;, keab613, <https://doi.org/10.1093/rheumatology/keab613>.
6. Roongta R, Mondal S, Ghosh A. Etanercept or Methotrexate Withdrawal in Rheumatoid Arthritis Patients Receiving Combination Therapy: Comment on the Article by Curtis et al. *Arthritis Rheumatol.* 2021 Sep;73(9):1771.
7. Mondal S, Sinha D, Ghosh A. Calcinosis cutis in limited cutaneous systemic sclerosis. *QJM.* 2021 Mar 12;hcab051. doi: 10.1093/qjmed/hcab051.
8. Roongta R, Mondal S, Ghosh A. Quadripareisis in lupus: A clinical challenge. *Indian J Rheumatol* 2021;16:349-52.
9. Roongta R, Mondal S, Ghosh A. Hiker's feet. *Clin Rheumatol.* 2021 Oct 5. doi: 10.1007/s10067-021-05950-x.
10. Chatterjee S, Bhattacharjee D, Misra S, Saha A, Bhattacharyya NP, Ghosh A. Increase in MEG3, MALAT1, NEAT1 significantly predicts the clinical parameters in patients with rheumatoid arthritis. *Personalized Medicine.* 2020 Nov;17(06):445-57.
11. Guin A, Sinhamahapatra P, Misra S, Mazumder SR, Chatterjee S, Ghosh A. Incidence and effect of insulin resistance on progression of atherosclerosis in rheumatoid arthritis patients of long disease duration. *biomedical journal.* 2019 Dec 1;42(6):394-402.
12. Misra S, Mondal S, Chatterjee S, Guin A, Sinhamahapatra P, Ghosh A. Association of angiogenic and inflammatory markers with power doppler ultrasound vascularity grade and DAS28-CRP in early rheumatoid arthritis: a comparative analysis. *BioMed research international.* 2018 Oct;2018.
13. Roy S, Ghosh S, Banerjee M, Laha S, Bhattacharjee D, Sarkar R, Ray S, Banerjee A, Ghosh R, Halder A, Ghosh A. A combination of circulating microRNA-375-3p and chemokines CCL11, CXCL12, and G-CSF differentiate Crohn's disease and intestinal tuberculosis. *Scientific Reports.* 2021 Dec 2;11(1):1-0.

Articles accepted for publication:

1. Misra S, Mondal S, Chatterjee S, Dutta S, Sinha D, Bhattacharjee D, Lahiri D, Ghosh A. Interleukin-17 as a predictor of subclinical synovitis in the remission state of rheumatoid arthritis. *Journal name: Cytokine.*

2. Sinha D, Mondal S, Ghosh A. COVID-19 associated arthritis-an observational study. Journal name: Indian journal of Rheumatology.
3. Mavidi S K, Mondal S, Sircar GB, Ghorai S, Haldar S, Ghosh A. Microscopic polyangiitis with pulmonary-renal involvement in a patient with polyarticular juvenile idiopathic arthritis: a case report. Journal name: Indian journal of nephrology.

SPECIAL CONTRIBUTIONS TO FIGHT AGAINST COVID-19 AND OTHER SPECIAL ACHIEVEMENTS

Faculty and residents of the departments have regularly provided service at SNP Hospital for COVID care.

Nursing and allied personnel have extended service for COVID patients.

Research scholars have provided support to COVID vaccination centre at SSKM Hospital.
